

# EXHIBIT A

**UNITED STATES DISTRICT COURT  
EASTERN DISTRICT OF TEXAS  
LUFKIN DIVISION**

Personal Audio, LLC, )  
 )  
 )  
 Plaintiff, )  
 )  
 v. )  
 )  
 Apple, Inc., )  
 )  
 Sirius XM Radio, Inc., )  
 )  
 Coby Electronics, Corp., )  
 )  
 Archos, Inc., )  
 )  
 Defendants. )

Case 9:09-cv-00111-RC

**JURY TRIAL DEMANDED**

**Personal Audio, LLC's Initial Disclosure of  
Asserted Claims and Infringement Contentions to Sirius XM Radio, Inc.**

Pursuant to Local Patent Rules 3-1 and 3-2, Personal Audio, LLC serves the following disclosures to Sirius XM Radio, Inc. The asserted patents are U.S. Patent Nos. 6,199,076 and 7,509,178.

**I. Local Patent Rule 3-1 Disclosures**

**A. Patent Rule 3-1(a) Identification of Infringed Claims**

Personal Audio currently asserts claims 1-5 and 14-15 of the '076 patent, and claims 1-9, 14-15, and 28-29 of the '178 patent against Sirius.

**B. Patent Rule 3-1(b) Identification of Accused Instrumentalities**

Personal Audio accuses the Sirius S50, Stiletto 100, Stiletto 2, NeXus 25, NeXus 50, Inno, Inno 2, Helix, XMP3, and SKYFi3 products of infringement. This includes:

(1) The Stiletto 100, Stiletto 2, S50, SKYFi3 devices each infringe claims 1-3, 5, and 14-15 of the '076 patent, and claims 1-6, 9, 14-15, and 28-29 of the '178 patent;

(2) The NeXus 25, NeXus 50, Inno, Inno 2, and Helix devices each infringes claims 1-4 and 14-15 of the '076 patent, and claims 1-6, 9, 14-15, and 28-29 of the '178 patent.

(3) The XMp3 device infringes claims 1-4 and 14-15 of the '076 patent, and claims 1-9, 14-15, and 28-29 of the '178 patent.

Sirius makes, uses, sells, and offers for sale these accused products in the United States and/or done so in the past, and/or imports the accused products into the United States. There may be additional products that are subject to Personal Audio's Complaint for patent infringement. Personal Audio's identification is based on publicly available information and representations made by counsel for Sirius. Personal Audio accordingly reserves its right to supplement its contentions regarding any additional products based on information obtained during discovery.

**C. Patent Rule 3-1(c) Claim Charts**

Exhibits A-G are claim charts corresponding to the accused products. These charts are based on exemplary products and should not be construed as limiting. Personal Audio accuses each generation and/or version of the accused devices of infringement.

The attached charts are provided based upon publicly available information. The accused products include relevant information proprietary to Sirius. Sirius has not yet provided any discovery regarding their products. Thus, Personal Audio reserves the right to amend or modify these Infringement Claim Charts as discovery proceeds and pursuant to P.R. 3-6 and P.R. 3-7. In addition, Personal Audio will amend these infringement claim charts pursuant to the Court's Patent Rule 3-1(g) modification, entered in the scheduling order.

**D. Patent Rule 3-1(d) Literal/Doctrine of Equivalents Infringement**

Each asserted claim is literally infringed by Sirius' accused products. In the alternative, any claim found not to be literally infringed is infringed by the doctrine of equivalents

**E. Patent Rule 3-1(e) Statement of Priority Date**

The '076 and '178 patents are entitled to a priority date of October 2, 1996.

**F. Patent Rule 3-1(f) Identification of Instrumentalities Embodying the Patent**

Personal Audio does not manufacture any products that embody the asserted claims of the '076 or '178 patents.

## **II. Patent Rule 3-2 Disclosures**

Personal Audio sent today via FedEx a CD with the following Bates range to counsel for Sirius: PA000001 – PA001706. Certain documents are designated Confidential. Personal Audio has not produced documents protected by the attorney-client privilege. Personal Audio is continuing to investigate the existence and availability of documents described in Patent Local Rule 3-2(a) and (b). If Personal Audio locates any further documents under its possession, custody or control, they will be produced at a later date. Personal Audio reserves the right to produce and rely upon such documents as discovery unfolds in this litigation.

### **A. Patent Rule 3-2(a) Disclosure of Documents Evidencing Sales and Offers for Sale of the Claimed invention.**

The documents corresponding to Patent Rule 3-2(a) may be found within the following bates ranges: PA000013 - PA000411; PA000419 - PA000465; PA000573 - PA000574; PA000580 - PA000583; PA000598 - PA000601; PA000604 - PA000605; PA000613 - PA000625; PA000673 - PA000681; PA000714 - PA000717; PA000978 - PA000990; PA000995 - PA000996; PA001007 - PA001009.006; and PA001031 - PA001061.

The production of a particular document at this time does not constitute an admission that the document evidences or is prior art under Section 102, nor does it constitute an admission regarding the scope of the invention, the priority date, or the dates of the inventions' conception or reduction to practice.

### **B. Patent Rule 3-2(b) Disclosure of Documents Evidencing Conception and Reduction to Practice.**

The documents corresponding to Patent Rule 3-2(b) may be found within the following Bates ranges: PA000001 – PA000572 and PA000575 – PA001061.

The production of a particular document at this time does not constitute an admission that

the document evidences or is prior art under Section 102, nor does it constitute an admission regarding the scope of the invention, the priority date, or the dates of the inventions' conception or reduction to practice.

**C. Patent Rule 3-2(c) Copy of the '076 and '178 File Histories.**

The documents corresponding to Patent Rule 3-2(c) may be found within Bates range PA001062 – PA001706.

Dated: February 1, 2010

Respectively submitted,

**ROBINS, KAPLAN, MILLER & CIRESI L.L.P.**

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**CERTIFICATE OF SERVICE**

I hereby certify that on February 1, 2010, I caused a true and correct copy of this document (Personal Audio, LLC's Initial Disclosure of Asserted Claims and Infringement Contentions to Sirius XM Radio, Inc.) to be served on counsel for Sirius XM Radio, Inc. via electronic mail pursuant to Local Rule CV-5(d). The documents produced pursuant to Patent Rule 3-2 were sent via FedEx to counsel for Sirius XM Radio, Inc.

Dated: February 1, 2010

/s/ Patrick M. Arenz

Patrick M. Arenz

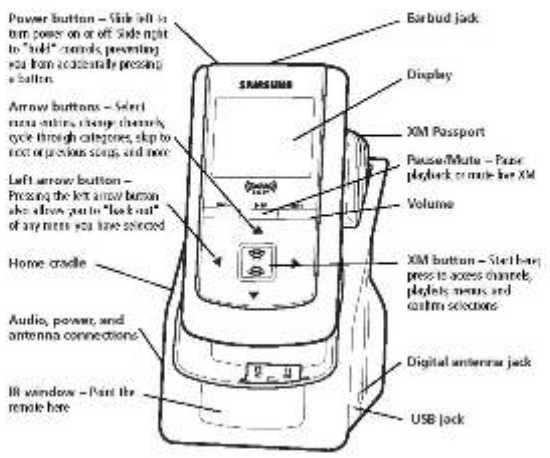
**EXHIBIT A**

**Personal Audio Infringement Contentions for U.S. 6,199,076  
Sirius NeXus 50**

The following sets forth Plaintiff's contentions regarding the manner in which Sirius' NeXus products infringe U.S. Patent No. 6,199,076. The Plaintiff's contentions are not limited to the exemplar NeXus 50 product depicted and described herein. Plaintiff contends that all Sirius products having a structure that is the same in all relevant respects as the exemplar, including NeXus 25, NeXus 50, Inno, Inno 2, and Helix, also infringe.


	<b>Claim</b>	<b>Infringement Support</b>
1	A player for reproducing selected audio program segments comprising, in combination:	The NeXus 50 is a player for reproducing selected audio program segments. Songs, audiobooks or portions of audiobooks, and installments of podcasts are examples of audio program segments.  Nexus Controls



		<p style="text-align: right;"><b>Introduction</b></p> <p><b>Player Controls</b></p>  <p>The diagram shows a Samsung NeXus digital audio player with the following labeled components:</p> <ul style="list-style-type: none"> <li><b>Power button</b> – Slide left to turn power on or off. Slide right to “lock” controls, preventing you from accidentally pressing a button.</li> <li><b>Arrow buttons</b> – Select menu options, change channels, cycle through categories, skip to next or previous songs and more.</li> <li><b>Left arrow button</b> – Pressing the left arrow button also allows you to “lock-out” of any menu you have selected.</li> <li><b>Home cradle</b></li> <li><b>Audio, power, and antenna connections</b></li> <li><b>IR window</b> – Point the remote here.</li> <li><b>Earbud jack</b></li> <li><b>Display</b></li> <li><b>XM Passport</b></li> <li><b>Pause/Mute</b> – Pause playback or mute live XM.</li> <li><b>Volume</b></li> <li><b>XM button</b> – Start live press to access channels, playlists, menus and confirm selections.</li> <li><b>Digital antenna jack</b></li> <li><b>USB jack</b></li> </ul> <p style="text-align: right;">ENG</p> <p style="text-align: right;">Introduction 13</p> <p><i>(Nexus 25 &amp; 50 User Guide, pages: 13)</i></p> <p><b>"NeXus, Undocked</b></p> <ul style="list-style-type: none"> <li>• Listen to recorded XM content and MP3/WMA files</li> <li>• Manage your music"</li> </ul> <p><i>(Nexus 25 &amp; 50 User Guide, pages: 5)</i></p> <p>"Congratulations on you purchase of the Samsung NeXus -- our newest digital audio player plus XM Satellite Radio" <i>(Nexus 25 &amp; 50 User Guide, pages: 4)</i></p>
1.a	means for storing a plurality of program segments, each of said program	The NeXus 50 has means for storing a plurality of program segments, each of said program segments having a beginning and an end. This limitation is governed by 35


	<p>segments having a beginning and an end,</p>	<p>U.S.C. § 112, para. 6.</p> <p>The NeXus 50's storage device is a flash memory drive.</p> <p>“XM Players : How Much Recorded Content Can My Nexus Store? NeXus 25 stores 25 hours of music and the NeXus 50 stores 50 hours of music. Each can be partitioned to store both Recorded XM Content and MP3 content. Partitions are 100 percent XM Content or 50 percent XM Content and 50 Percent MP3 Storage. NeXus 25 has 512MB of flash memory. NeXus 50 has 1GB of flash memory.”</p> <p><a href="http://ars.samsung.com/customer/usa/jsp/faqs/faqs_view_us.jsp?AT_ID=62507&amp;PROD_ID=706&amp;PG_ID=-1&amp;PROD_SUB_ID=0">http://ars.samsung.com/customer/usa/jsp/faqs/faqs_view_us.jsp?AT_ID=62507&amp;PROD_ID=706&amp;PG_ID=-1&amp;PROD_SUB_ID=0</a></p> <p>"Storage capacity Nexus 25: 512 MB Nexus 50: 1 GB"</p> <p><i>(Nexus 25 &amp; 50 User Guide, pages: 73)</i></p> <p>The NeXus 50 supports a plurality of program segment types. Program segments are, for example, songs.</p> <p>"Music file formats MP3 (64-320 kbps) WMA (64-192 kbps) WMA DRM (Secure WMA) XM content" <i>(Nexus 25 &amp; 50 User Guide, pages: 73)</i></p>
1.b	<p>means for receiving and storing a file of data establishing a sequence in which said program segments are scheduled to be reproduced by said player,</p>	<p>The NeXus 50 has means for receiving and storing a file of data establishing a sequence in which said program segments are scheduled to be reproduced by the player. This limitation is governed by 35 U.S.C. § 112, para. 6.</p>


		<p>The "receiving and storing" structure in the NeXus 50 is a flash memory drive.</p> <p>“XM Players : How Much Recorded Content Can My Nexus Store?  NeXus 25 stores 25 hours of music and the NeXus 50 stores 50 hours of music. Each can be partitioned to store both Recorded XM Content and MP3 content. Partitions are 100 percent XM Content or 50 percent XM Content and 50 Percent MP3 Storage. NeXus 25 has 512MB of flash memory. NeXus 50 has 1GB of flash memory.”</p> <p><a href="http://ars.samsung.com/customer/usa/jsp/faqs/faqs_view_us.jsp?AT_ID=62507&amp;PROD_ID=706&amp;PG_ID=-1&amp;PROD_SUB_ID=0">http://ars.samsung.com/customer/usa/jsp/faqs/faqs_view_us.jsp?AT_ID=62507&amp;PROD_ID=706&amp;PG_ID=-1&amp;PROD_SUB_ID=0</a></p> <p>"Storage capacity  Nexus 25: 512 MB  Nexus 50: 1 GB"</p> <p><i>(Nexus 25 &amp; 50 User Guide, pages: 73)</i></p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the NeXus 50 is the playlist file. The specific format and contents of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p><b>"Playlists . . .</b> You can also create and manage playlists for any music content stored on your PC. Select Library / My Playlists. You can move a PC playlist onto your NeXus by dragging that playlist name into the <b>Library / NeXus / Playlists</b> line."  <i>(Nexus 25 &amp; 50 User Guide, pages: 53-54)</i></p>
1.c	means for accepting control commands from a user of said player,	<p>The NeXus 50 has means for accepting control commands from a user. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "accepting" structure for the NeXus 50 is the arrow buttons and XM button.</p>

		<p>Nexus Controls</p>  <p><b>Player Controls</b></p> <p>Power button – Slide left to turn power on or off. Slide right to “lock” controls, preventing you from accidentally pressing a button.</p> <p>Arrow buttons – Select menu entries, change channels, cycle through categories, skip to next or previous songs, and more.</p> <p>Left arrow button – Pressing the left arrow button also allows you to “lock out” of any menu you have selected.</p> <p>Home cradle</p> <p>Audio, power, and antenna connections</p> <p>IR window – Point the remote here</p> <p>Earbud jack</p> <p>Display</p> <p>XM Passport</p> <p>Pause/Mute – Pause playback or mute live XM</p> <p>Volume</p> <p>XM button – Steel Force™ press to access channels, playlists, menus and custom selectors</p> <p>Digital antenna jack</p> <p>USB jack</p> <p>ENG</p> <p>12</p> <p>(Nexus 25 &amp; 50 User Guide, pages: 13)</p>
1.d	means for continuously reproducing said program segments in the order established by said sequence in the absence of a control command,	<p>The NeXus 50 has means for continuously reproducing said program segments in the order established by said sequence in the absence of a control command. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "continuously reproducing" structure in the NeXus 50 comprises at least a processor programmed to continuously reproduce program segments in the absence of a control command. The structure and source code of the NeXus 50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p>

		<p>Once a user has started listening to a playlist on the NeXus 50, the device automatically plays the program segment next in line in the playlist after the previous program segment ends. The NeXus 50 reproduces the program segment in the order established by the playlist without the need for the user to utilize a control command. Once a playlist has been selected, no further control command is required for continuously reproducing said program segments in the order established by said sequence.</p> <p>The NeXus 50 can be set to play songs in order.</p> <p><b>"Playlists --Playing</b></p> <p><b>1. Select XM→Playlists (playlist name)→Select.</b></p> <p>...</p> <p>Play songs in the order listed in the playlist, starting from the selected song."  <i>(Nexus 25 &amp; 50 User Guide, pages: 38)</i></p>
1.e	means for detecting a first command indicative of a request to skip forward, and	<p>The NeXus 50 has means for detecting a first command indicative of a request to skip forward. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "detecting" structure in the NeXus 50 comprises at least a processor programmed with the algorithm for detecting a skip forward command, as well as the "&gt;&gt;" (fast forward) button and all connections between the two. The structure and source code of the NeXus 50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Nexus Controls</p>

		<p style="text-align: center;"><b>Introduction</b></p> <p><b>Player Controls</b></p> <p>Power button – Slide left to turn power on or off. Slide right to “lock” controls, preventing you from accidentally pressing a button.</p> <p>Earbud jack</p> <p>Display</p> <p>Arrow buttons – Select menu entries, change channels, cycle through categories, skip to next or previous songs, and more.</p> <p>XM Passport</p> <p>Pause/Mute – Pause playback or mute the XM.</p> <p>Left arrow button – Pressing the left arrow button also allows you to “lock out” of any menu you have selected.</p> <p>Volume</p> <p>Home cradle</p> <p>XM button – Start here; press to access channels, playlists, menus and confirm selections.</p> <p>Audio, power, and antenna connections</p> <p>Digital antenna jack</p> <p>IR window – Point the remote here.</p> <p>USB jack</p> <p style="text-align: right;">ENG</p> <p style="text-align: right;">Introduction 13</p> <p><i>(Nexus 25 &amp; 50 User Guide, pages: 13)</i></p>
1.f	<p>means responsive to said first command for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which follows said currently playing program in said sequence.</p>	<p>The NeXus 50 has means responsive to said first command for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which follows said currently playing program in said sequence. This limitation is governed by 35 U.S.C. §112, para. 6.</p> <p>The "responsive" structure in the NeXus 50 comprises at least a processor programmed with the algorithm for responding to a skip forward command. The structure and source code of the NeXus 50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p>

		<p>Once a user presses &gt;&gt; (fast forward), the NeXus 50 discontinues playing the current program segment and begins playing the next program segment in the playlist.</p> <p>Nexus Controls</p>  <p>The diagram shows the front and side of the Samsung NeXus 50. Labels include: Power button (slide left to turn power on or off, slide right to "add" controls), Arrow buttons (select menu items, change screens, cycle through categories, skip to next or previous songs), Left arrow button (pressing the left arrow button also allows you to "lock out" of any menu you have selected), Home cradle, Audio, power, and antenna connections, IR window (pair the remote here), Earbud jack, Display, XM Passport, Pause/Play button (Pause/Playback or mark for XM), Volume, XM button (Steelcase) press to access channels, playlists, menus and custom selections, Digital antenna jack, and USB jack. A small 'ENG' button is also visible on the right side of the device.</p> <p><i>(Nexus 25 &amp; 50 User Guide, pages: 13)</i></p> <p>"Alternatively, while you're listening to a song, simply press the right arrow button to skip to the next song. Press the left arrow button to skip to the previous song."  <i>(Nexus 25 &amp; 50 User Guide, pages: 32)</i></p>
2	A player as set forth in claim 1 further comprising	Every claim limitation of claim 1 is present in the NeXus 50 as described above.
2.a	means for detecting a second command	The NeXus 50 has means for detecting a second command indicative of a request to

	<p>indicative of a request to skip backward, and</p>	<p>skip backward. This limitation is governed by 35 U.S.C. § 112, para. 6</p> <p>The "detecting" structure in the NeXus 50 comprises at least a processor programmed with the algorithm for detecting a skip backward command, as well as the "&lt;&lt;" (rewind) button and all connections between the two. The structure and source code of the NeXus 50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Nexus Controls</p>  <p>(Nexus 25 &amp; 50 User Guide, pages: 13)</p>
<p>2.b</p>	<p>means responsive to a single one of said second commands for discontinuing the reproduction of the currently playing</p>	<p>The NeXus 50 has means responsive to a single one of said second commands for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of said currently playing program. This</p>



program segment and instead continuing the reproduction at the beginning of said currently playing program.

limitation is governed by 35 U.S.C. §112, para. 6.

The "responsive" structure in the NeXus 50 comprises at least a processor programmed with the algorithm for responding to a skip backward command. The structure and source code of the NeXus 50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).

Once a user presses "<<" (rewind), the NeXus 50 discontinues playing the current program segment and plays that current program segment from the beginning.

### Nexus Display

**Introduction**

**Player Display**

**Available memory** – Black portion indicates amount of storage available. White portion indicates amount of storage taken up by locked XM songs (page 35). "1" indicates that there is less than 1 minutes of storage available. In "Live XM" mode, you will see a signal strength indicator instead.

While listening to "Live XM," this icon shows the channel name. During "My Music," this icon indicates whether you're viewing all songs or songs by a particular artist, channel, category, or recording session.

**Battery charge**

Mode – "Live XM" or "My Music" (recorded content)

H – "H" indicates that the power switch is set in the "hold" position.

**Clock**

**Artist name**

**Song title**

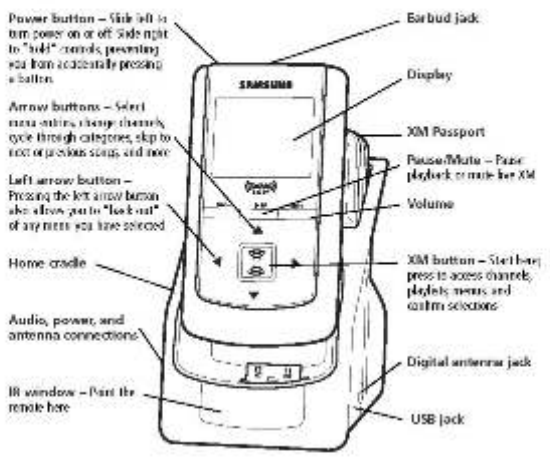
**Progress bar** – Shows total song length and current location within song during playback.

**Additional symbols:**

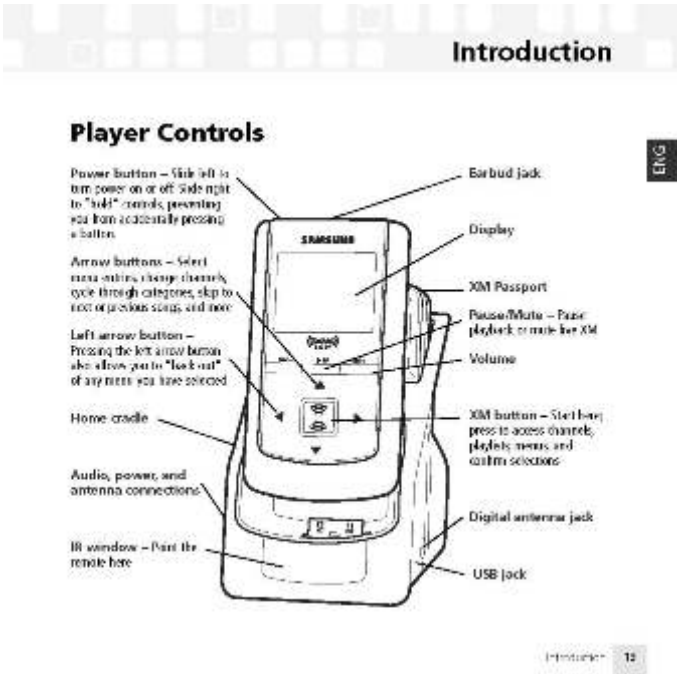
▶ play	📁 track assigned to a playlist
⏮️ reverse or fast forward through track	📁 PC track is assigned to a playlist
⏸️ pause	🔒 XM track is locked
⏭️ skip to previous or next track	🔄 repeat track
📁 PC track (MP3 or WMA file)	🎲 play tracks randomly

Introduction 15

		<p><i>(Nexus 25 &amp; 50 User Guide, pages: 15)</i></p> <p>"Alternatively, while you're listening to a song, simply press the right arrow button to skip to the next song. Press the left arrow button to skip to the previous song."  <i>(Nexus 25 &amp; 50 User Guide, pages: 32)</i></p>
3	A player as set forth in claim 2 further comprising	Every claim limitation of claim 2 is present in the NeXus 50 as described above.
3.a	means responsive to the detection of two consecutive ones of said second commands for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which precedes the currently playing program segment.	<p>The NeXus 50 has means responsive to the detection of two consecutive ones of said second control commands for discontinuing the reproduction of the currently playing program and instead continuing the translation at the beginning of a program segment which precedes the currently playing program in said sequence. This limitation is governed by 35 U.S.C. §112, para. 6.</p> <p>The "responsive" structure in the NeXus 50 comprises at least a processor programmed with the algorithm for responding to two consecutive skip backward commands. The structure and source code of the NeXus 50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Once a user presses "&lt;&lt;" (rewind) twice, the NeXus 50 discontinues playing the current program segment and begins playing the program segment which precedes the currently playing program in the sequence.</p> <p>Nexus Controls</p>



		<p style="text-align: center;"><b>Introduction</b></p> <p><b>Player Controls</b></p>  <p>The diagram shows a Samsung NeXus 50 portable music player with the following labeled components and their functions:</p> <ul style="list-style-type: none"> <li><b>Power button</b> – Slide left to turn power on or off. Slide right to "lock" controls, preventing you from accidentally pressing a button.</li> <li><b>Arrow buttons</b> – Select menu entries, change channels, cycle through categories, skip to next or previous songs, and more.</li> <li><b>Left arrow button</b> – Pressing the left arrow button also allows you to "lock out" of any menu you have selected.</li> <li><b>Home cradle</b></li> <li><b>Audio, power, and antenna connections</b></li> <li><b>IR window</b> – Point the remote here.</li> <li><b>Earbud jack</b></li> <li><b>Display</b></li> <li><b>XM Passport</b></li> <li><b>Pause/Mute</b> – Pause playback or mute live XM.</li> <li><b>Volume</b></li> <li><b>XM button</b> – Still here; press to access channels, playlists, menus and custom selections.</li> <li><b>Digital antenna jack</b></li> <li><b>USB jack</b></li> </ul> <p style="text-align: right;">ENG</p> <p style="text-align: right;">Introduction 13</p> <p><i>(Nexus 25 &amp; 50 User Guide, pages: 13)</i></p> <p>"Alternatively, while you're listening to a song, simply press the right arrow button to skip to the next song. Press the left arrow button to skip to the previous song."  <i>(Nexus 25 &amp; 50 User Guide, pages: 32)</i></p>
4	A player as set forth in claim 1	Every claim limitation of claim 1 is present in the NeXus 50 as described above.
4.a	wherein said sequence established by said data forms an endless circular sequence of program segments.	<p>In the NeXus 50, the sequence established by said data forms an endless circular sequence of program segments.</p> <p>Once a user starts playing a playlist, the program segments play in an endless circular sequence.</p>

5	A player as set forth in claim 1	Every claim limitation of claim 1 is present in the NeXus 50 as described above.
5.a	including editing means for modifying said data establishing said sequence.	<p>The NeXus 50 includes editing means for modifying said data establishing said sequence. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "editing" structure comprises at least a processor programmed with the algorithm for modifying the data establishing the sequence. The structure and source code of the NeXus 50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>The user can modify playlists by adding and removing songs from playlists using the buttons.</p> <p><b>"Playlists -- Removing Entries</b></p> <p>After creating a playlist, you can edit it by rearranging its entries or by removing entries. Remember that removing a song from one playlist does not remove it from any other playlist, and does not delete that song from NeXus.</p> <p>To remove one or more songs from a playlist:</p> <ol style="list-style-type: none"> <li>1. Select XM → Playlists (playlist name) → Edit Playlist → Remove Songs.</li> <li>2. Use the up and down arrow buttons to highlight a song.</li> <li>3. Press XM → Select Song. The song's name will be displayed in gray.</li> <li>4. Use the up and down arrow buttons to highlight another song, and press the XM</li> </ol>


		<p>button to select that song. Do this for all the songs you want to remove. (If you press the right arrow button, you automatically select that song for deletion and advance to the next song.)"</p> <p><i>(Nexus 25 &amp; 50 User Guide, pages: 37)</i></p>
14	<p>A programmed digital computer for reproducing audio programs, said computer comprising, in combination:</p>	<p>The NeXus 50 is a programmed digital computer for reproducing audio programs. Songs, audiobooks or portions of audiobooks, and installments of podcasts are examples of audio program segments.</p> <p>Nexus Controls</p>  <p><i>(Nexus 25 &amp; 50 User Guide, pages: 13)</i></p>


		<p><b>"NeXus, Undocked</b></p> <ul style="list-style-type: none"> <li>• Listen to recorded XM content and MP3/WMA files</li> <li>• Manage your music"</li> </ul> <p><i>(Nexus 25 &amp; 50 User Guide, pages: 5)</i></p>
14.a	<p>a mass storage device for storing a plurality of digitally recorded audio program segments, each of said segments having a beginning and an end, and further receiving and storing a file of data establishing a sequence in which said program segments are scheduled to be played,</p>	<p>The NeXus 50 has a mass storage device for storing a plurality of digitally recorded audio program segments, each of the segments having a beginning and an end, and further receiving and storing a file of data establishing a sequence in which said program segments are scheduled to be played.</p> <p>The mass storage device in the NeXus 50 is flash memory storage.</p> <p>“XM Players : How Much Recorded Content Can My Nexus Store?  NeXus 25 stores 25 hours of music and the NeXus 50 stores 50 hours of music. Each can be partitioned to store both Recorded XM Content and MP3 content. Partitions are 100 percent XM Content or 50 percent XM Content and 50 Percent MP3 Storage. NeXus 25 has 512MB of flash memory. NeXus 50 has 1GB of flash memory.”</p> <p><a href="http://ars.samsung.com/customer/usa/jsp/faqs/faqs_view_us.jsp?AT_ID=62507&amp;PROD_ID=706&amp;PG_ID=-1&amp;PROD_SUB_ID=0">http://ars.samsung.com/customer/usa/jsp/faqs/faqs_view_us.jsp?AT_ID=62507&amp;PROD_ID=706&amp;PG_ID=-1&amp;PROD_SUB_ID=0</a></p> <p>"Storage capacity  Nexus 25: 512 MB  Nexus 50: 1 GB"</p> <p><i>(Nexus 25 &amp; 50 User Guide, pages: 73)</i></p> <p>The NeXus 50 supports a plurality of program segment types. Program segments are, for example, songs.</p>

		<p>"Music file formats  MP3 (64-320 kbps)  WMA (64-192 kbps)  WMA DRM (Secure WMA)  XM content" (<i>Nexus 25 &amp; 50 User Guide, pages: 73</i>)</p> <p>The mass storage device, additionally, receives and stores a file of data establishing a sequence in which said program segments are scheduled to be played (a "playlist").</p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the NeXus 50 is the playlist file. The specific format and contents of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p><b>"Playlists --Playing</b></p> <p>1. <b>Select XM→Playlists (playlist name)→Select.</b></p> <p>...</p> <p>Play songs in the order listed in the playlist, starting from the selected song."  (<i>Nexus 25 &amp; 50 User Guide, pages: 38</i>)</p> <p><b>"Playlists . . .</b> You can also create and manage playlists for any music content stored on your PC. Select Library / My Playlists.  You can move a PC playlist onto your NeXus by dragging that playlist name into the <b>Library / NeXus / Playlists</b> line."  (<i>Nexus 25 &amp; 50 User Guide, pages: 53-54</i>)</p>
14.b	input means for accepting control commands from a user,	<p>The NeXus 50 has means for accepting control commands from a user. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "input" structure in the NeXus 50 is the arrow button and the XM button.</p>

		<p>Nexus Controls</p>  <p><b>Player Controls</b></p>  <p>Power button – Slide left to turn power on or off. Slide right to “lock” controls, preventing you from accidentally pressing a button.</p> <p>Arrow buttons – Select menu entries, change channels, cycle through categories, skip to next or previous songs, and more.</p> <p>Left arrow button – Pressing the left arrow button also allows you to “lock out” of any menu you have selected.</p> <p>Home cradle</p> <p>Audio, power, and antenna connections</p> <p>IR window – Point the remote here</p> <p>Earbud jack</p> <p>Display</p> <p>XM Passport</p> <p>Pause/Mute – Pause playback or mute live XM</p> <p>Volume</p> <p>XM button – Steel Force™ press to access channels, playlists, menus and custom selectors</p> <p>Digital antenna jack</p> <p>USB jack</p> <p>ENG</p> <p>12</p> <p>(Nexus 25 &amp; 50 User Guide, pages: 13)</p>
14.c	output means for producing audible sounds in response to analog audio signals,	<p>The NeXus 50 has output means for producing audible sounds in response to analog audio signals. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "output" structure in the NeXus 50 is the headphones sold with the device by Sirius. These headphones interface with the 3.5mm audio jack on the NeXus 50 (labeled "Earbud jack") to produce audible sounds in response to analog audio signals.</p> <p>"Audio output 3.5 mm mini-stereo jack" (Nexus 25 &amp; 50 User Guide, pages: 73)</p>



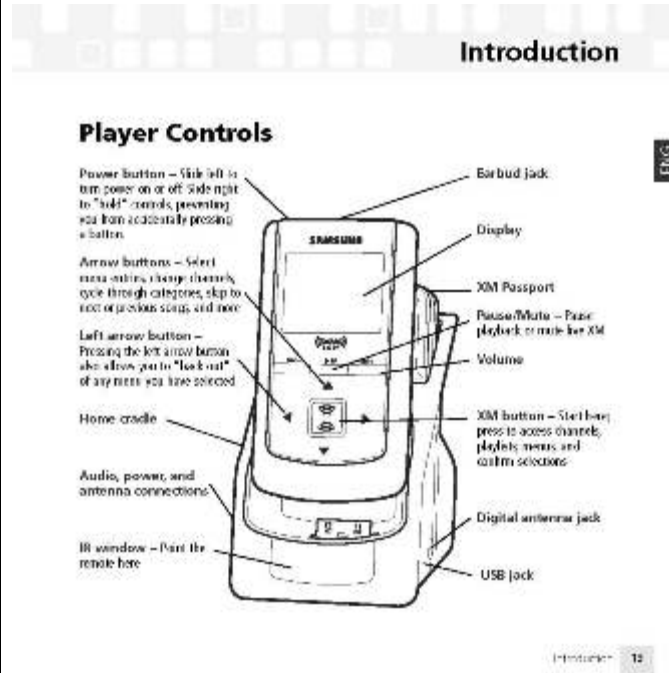
		 <p><b>Earbuds (EP-360)</b></p> <p><i>(Nexus 25 &amp; 50 User Guide, pages: 10)</i></p> <p>Sirius also contributorily infringes this claim element when the device is used with any output means, including but not limited to headphones or speakers, not sold with the NeXus 50 or by Sirius.</p>
14.d	<p>processing means for translating said digitally recorded audio program segments into analog audio signals delivered to said output means for reproducing said recorded program segments in a form audible to said user,</p>	<p>The NeXus 50 has processing means for translating said digitally recorded audio program segments into analog audio signals delivered to said output means for reproducing said recorded program segments in a form audible to said user. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "processing" structure in the NeXus 50 comprises at least a processor programmed with the algorithm for translating said digitally recorded audio program segments into analog audio signals. The structure and source code of the NeXus 50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>The analog audio signals are delivered to the output means (earbuds) via the Earbud</p>

		<p>jack.</p> <p>Nexus Controls</p>  <p>(Nexus 25 &amp; 50 User Guide, pages: 13)</p>
14.e	<p>processing means responsive to a first one of said control commands for discontinuing the translation of the currently playing program segment and instead continuing the translation at the beginning of the next program segment in said sequence, and</p>	<p>The NeXus 50 has processing means responsive to a first one of said control commands for discontinuing the translation of the currently playing program segment and instead continuing the translation at the beginning of the next program segment in said sequence. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "processing" structure in the NeXus 50 comprises at least a processor programmed with the algorithm for responding to a skip forward command. The structure and source code of the NeXus 50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent</p>

Rule 3-1(g).

Once a user presses >> (fast forward), the NeXus 50 discontinues playing the current program segment and begins playing the next program segment in the playlist.

### Nexus Controls



(Nexus 25 & 50 User Guide, pages: 13)

"Alternatively, while you're listening to a song, simply press the right arrow button to skip to the next song. Press the left arrow button to skip to the previous song."

(Nexus 25 & 50 User Guide, pages: 32)

14.f processing means responsive to a second one of said control command for

The NeXus 50 has processing means responsive to a second one of said control command for discontinuing the translation of the currently playing program and

discontinuing the translation of the currently playing program and instead continuing the translation at the beginning of said currently playing program.

instead continuing the translation at the beginning of said currently playing program. This limitation is governed by 35 U.S.C. §112, para. 6

The "processing" structure in the NeXus 50 comprises at least a processor programmed with the algorithm for responding to a skip backward command. The structure and source code of the NeXus 50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).

Once a user presses "<<" (rewind), the NeXus 50 discontinues playing the current program segment and plays that current program segment from the beginning.

### Nexus Controls



(Nexus 25 & 50 User Guide, pages: 13)

		<p>Nexus Display</p> <p><b>Introduction</b></p> <p><b>Player Display</b></p> <p><b>Available memory</b> – Black portion indicates amount of storage available. White portion indicates amount of storage taken up by locked XM songs (page 35). "!" indicates that there is less than 3 minutes of storage available. In "Live XM" mode, you will see a signal strength indicator instead.</p> <p>While listening to "Live XM," this box shows the channel name. During "My Music," this box indicates whether you're viewing all songs or songs by a particular artist, channel, category, or recording session.</p> <p>Battery charge</p> <p>Mode – "Live XM" or "My Music" (recorded content)</p> <p>H – "H" indicates that the power switch is set in the "hold" position.</p> <p>Clock</p> <p>Artist name</p> <p>Song title</p> <p>Progress bar – Shows total song length and current location within song during playback.</p> <p><b>Additional symbols:</b></p> <table border="1"> <tr> <td>▶ play</td> <td>📁 track assigned to a playlist</td> </tr> <tr> <td>⏮️ reverse or fast-forward through track</td> <td>📁 PC track is assigned to a playlist</td> </tr> <tr> <td>⏸️ pause</td> <td>🔒 XM track is locked</td> </tr> <tr> <td>⏭️ skip to previous or next track</td> <td>🔄 repeat track</td> </tr> <tr> <td>📁 PC track (MP3 or WMA file)</td> <td>🎲 play tracks randomly</td> </tr> </table> <p>Introduction 15</p> <p><i>(Nexus 25 &amp; 50 User Guide, pages: 15)</i></p>	▶ play	📁 track assigned to a playlist	⏮️ reverse or fast-forward through track	📁 PC track is assigned to a playlist	⏸️ pause	🔒 XM track is locked	⏭️ skip to previous or next track	🔄 repeat track	📁 PC track (MP3 or WMA file)	🎲 play tracks randomly
▶ play	📁 track assigned to a playlist											
⏮️ reverse or fast-forward through track	📁 PC track is assigned to a playlist											
⏸️ pause	🔒 XM track is locked											
⏭️ skip to previous or next track	🔄 repeat track											
📁 PC track (MP3 or WMA file)	🎲 play tracks randomly											
15	A programmed digital computer for reproducing audio programs as set forth in claim 14 further comprising	Every claim limitation of claim 14 is present in the NeXus 50 as described above.										
15.a	means responsive to two consecutive ones of said second control commands for discontinuing the translation of the	The NeXus 50 has means responsive to the detection of two consecutive ones of said second control commands for discontinuing the translation of the currently playing program and instead continuing the translation at the beginning of a program										

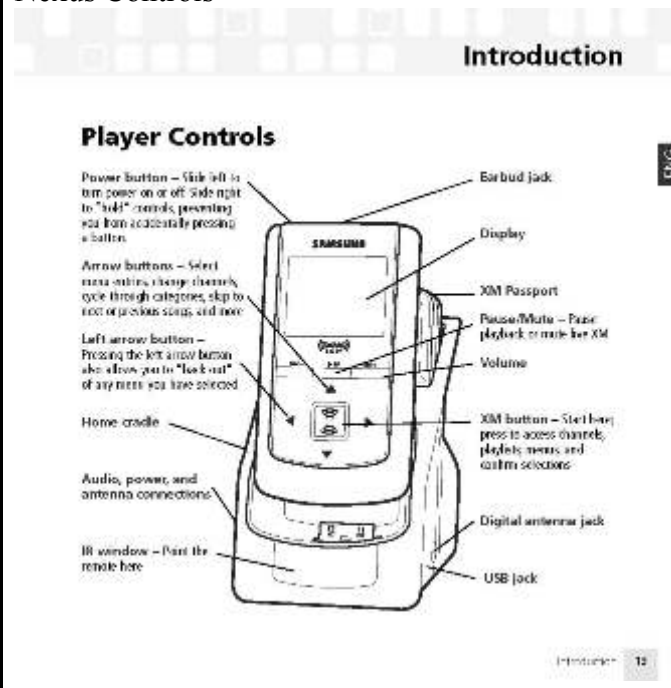
currently playing program and instead continuing the translation at the beginning of a program segment which precedes said currently playing program in said sequence.

segment which precedes the currently playing program in said sequence. This limitation is governed by 35 U.S.C. §112, para. 6.

The "responsive" structure in the NeXus 50 comprises at least a processor programmed with the algorithm for responding to two consecutive skip backward commands. The structure and source code of the NeXus 50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).

Once a user presses "<<" (rewind) twice, the NeXus 50 discontinues playing the current program segment and begins playing the program segment which precedes the currently playing program in the sequence.

### Nexus Controls



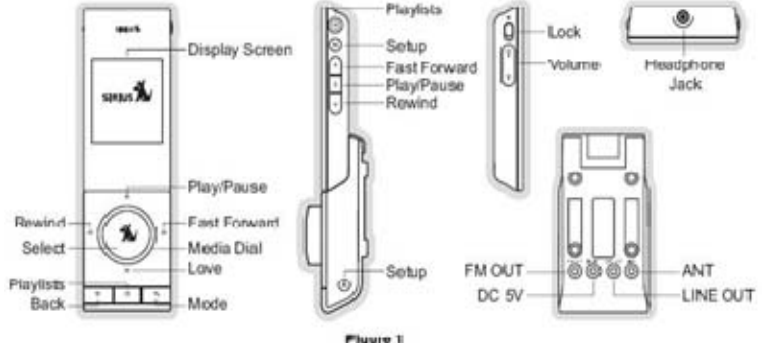
		<p><i>(Nexus 25 &amp; 50 User Guide, pages: 13)</i></p> <p>"Alternatively, while you're listening to a song, simply press the right arrow button to skip to the next song. Press the left arrow button to skip to the previous song." <i>(Nexus 25 &amp; 50 User Guide, pages: 32)</i></p>
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**EXHIBIT B**

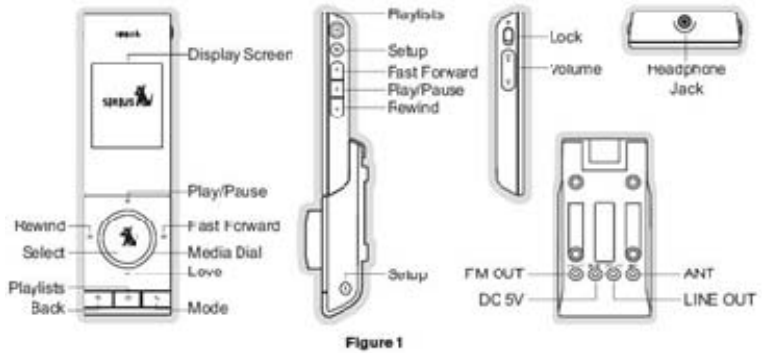
**Personal Audio Infringement Contentions for U.S. 6,199,076  
Sirius S50**

The following sets forth Plaintiff's contentions regarding the manner in which the Sirius' S50 product infringes U.S. Patent No. 6,199,076.

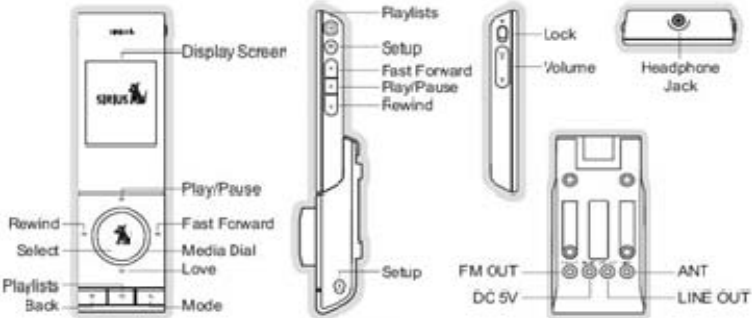
	Claim	Infringement Support
1	A player for reproducing selected audio program segments comprising, in combination:	<p>The S50 is a player for reproducing selected audio program segments. Songs, audiobooks or portions of audiobooks, and installments of podcasts are examples of audio program segments.</p>  <p><i>(Sirius S50 User Guide, pages: 14)</i></p> <p>"The Sirius S50 allows you to capture and store up to 50 hours of SIRIUS Satellite Radio content, or a mix of SIRIUS programming and MP3/WMA files, for portable entertainment." <i>(Sirius S50 User Guide, pages: 1)</i></p>



1.a	means for storing a plurality of program segments, each of said program segments having a beginning and an end,	<p>The S50 has means for storing a plurality of program segments, each of said program segments having a beginning and an end. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "storing" structure in the S50 is a flash memory drive.</p> <p>"Memory Capacity...1GB" (<i>Sirius S50 User Guide, pages: 104</i>)</p> <p>The S50 supports a plurality of program segment types. Program segments are, for example, songs.</p> <p>"As much as half of the total memory storage space (512MB) is available for MP3 or WMA files downloaded from your computer." (<i>Sirius S50 User Guide, pages: 52</i>)</p> <p>"The Sirius S50 allows you to capture and store up to 50 hours of SIRIUS Satellite Radio content, or a mix of SIRIUS programming and MP3/WMA files, for portable entertainment." (<i>Sirius S50 User Guide, pages: 1</i>)</p>
1.b	means for receiving and storing a file of data establishing a sequence in which said program segments are scheduled to be reproduced by said player,	<p>The S50 has means for receiving and storing a file of data establishing a sequence in which said program segments are scheduled to be reproduced by the player. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "receiving and storing" structure in the S50 is the flash memory drive.</p> <p>"Memory Capacity...1GB" (<i>Sirius S50 User Guide, pages: 104</i>)</p> <p>"As much as half of the total memory storage space (512MB) is available for MP3 or WMA files downloaded from your computer." (<i>Sirius S50 User Guide, pages: 52</i>)</p> <p>The file of data establishing a sequence in which the program segments are</p>

		<p>scheduled to be reproduced by the S50 is the playlist file. The specific format and contents of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>"My Playlists. This playlist contains audio files (MP3 and WMA format) which you have downloaded from your PC using the My Sirius Studio software. You may design this category in any way you wish, using the software application." (<i>Sirius S50 User Guide, pages: 56</i>)</p>
<p>1.c</p>	<p>means for accepting control commands from a user of said player,</p>	<p>The S50 has means for accepting control commands from a user. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "accepting" structure in the S50 is the media dial and buttons.</p>  <p>(<i>Sirius S50 User Guide, pages: 14</i>)</p> <p>"The Media Dial is a unique multifunction control which can be turned and pressed to accomplish many functions of the Sirius S50. Turning the Media Dial</p>

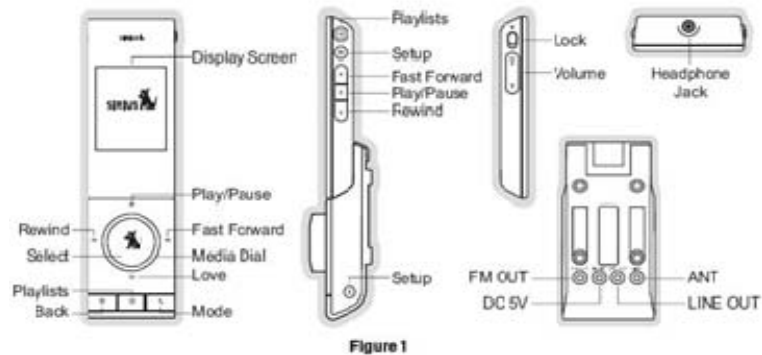
		<p>clockwise or counter-clockwise which will scroll channels, genres, presets, menus and lists. Pressing the Media Dial in the center (on the SIRIUS dog logo) provides the 'Select' function for choosing channels, genres, presets, prompts, menu or list items.</p> <p>The Media Dial also provides for selecting four other functions when pressed at the north, south, east, or west positions as shown in Figure 1 ( Play/Pause, Love, Fast-Forward, and Rewind)." (<i>Sirius S50 User Guide, pages: 22</i>)</p>
1.d	<p>means for continuously reproducing said program segments in the order established by said sequence in the absence of a control command,</p>	<p>The S50 has means for continuously reproducing said program segments in the order established by said sequence in the absence of a control command. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "continuously reproducing" structure in the S50 comprises at least a processor programmed to continuously reproduce program segments in the absence of a control command. The structure and source code of the S50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Once a user has started listening to a playlist on the S50, the device automatically plays the program segment next in line in the playlist after the previous program segment ends. The S50 reproduces the program segment in the order established by the playlist without the need for the user to utilize a control command. Once a playlist has been selected, no further control command is required for continuously reproducing said program segments in the order established by said sequence.</p> <p>"Playing Audio Files from My Playlists</p> <p>Press the Playlists button.  Select My Playlists  Select a Playlist  Select an audio file (or Shuffle)." (<i>Sirius S50 User Guide, pages: 59</i>)</p>

		<p>The S50 can be set to play songs in order.</p>
<p>1.e</p>	<p>means for detecting a first command indicative of a request to skip forward, and</p>	<p>The S50 has means for detecting a first command indicative of a request to skip forward. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "detecting" structure in the S50 comprises at least a processor programmed with the algorithm for detecting a skip forward command, as well as the "&gt;&gt;" (fast forward) button and all connections between the two. The structure and source code of the S50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p>  <p style="text-align: center;">Figure 1</p> <p><i>(Sirius S50 User Guide, pages: 14)</i></p>
<p>1.f</p>	<p>means responsive to said first command for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which</p>	<p>The S50 has means responsive to said first command for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which follows said currently playing program in said sequence. This limitation is governed by 35 U.S.C. §112, para. 6.</p>

follows said currently playing program in said sequence.



The "responsive" structure in the S50 comprises at least a processor programmed with the algorithm for responding to a skip forward command. The structure and source code of the S50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).

Once a user presses >> (fast forward), the S50 discontinues playing the current program segment and begins playing the next program segment in the playlist.



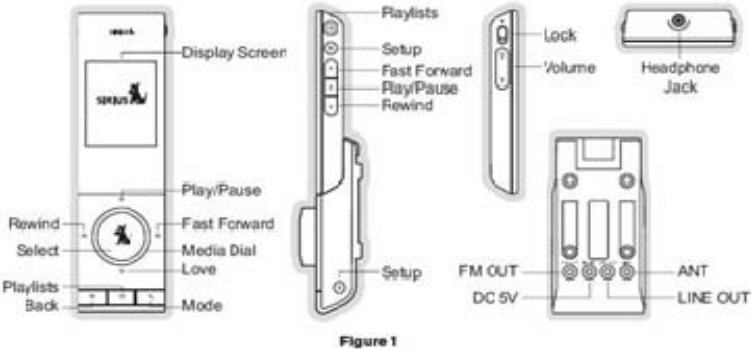
(Sirius S50 User Guide, pages: 14)

Vehicle Dock Buttons:

 <b>Rewind</b>	Press	Rewinds a broadcast to previous song or show	Rewinds to the previous song or show
	Hold	Rewinds through a broadcast	Rewinds through song or show
 <b>Fast-Forward</b>	Press	Fast-Forwards the replay buffer to the next song or show	Fast-Forwards to the next song or show
	Hold	Fast-Forwards through the replay buffer	Fast-Forwards through song or show

(Sirius S50 User Guide, pages: 15)

		<p>Media Player Buttons:</p> <table border="1"> <tr> <td rowspan="2" style="text-align: center;"><b>⏮</b> Rewind</td> <td>Press</td> <td>If listening, rewinds to the previous song or show If in a menu, scrolls down</td> </tr> <tr> <td>Hold</td> <td>If listening, rewinds through song or show If in a menu, scrolls down until the button is released</td> </tr> <tr> <td rowspan="2" style="text-align: center;"><b>⏸</b> Play/Pause</td> <td>Press</td> <td>Plays or pauses a song or show Selects highlighted items in lists, menus, or prompts</td> </tr> <tr> <td>Hold</td> <td>When listening to playlists, displays Save or Delete prompt When listening to My Sirius Channels, allows you to Love songs</td> </tr> <tr> <td rowspan="2" style="text-align: center;"><b>⏭</b> Fast-Forward</td> <td>Press</td> <td>If listening, Fast-Forwards to the next song or show If in a menu, scrolls up</td> </tr> <tr> <td>Hold</td> <td>Fast-Forwards through song or show If in a menu, scrolls up until the button is released</td> </tr> </table> <p><i>(Sirius S50 User Guide, pages: 18)</i></p>	<b>⏮</b> Rewind	Press	If listening, rewinds to the previous song or show If in a menu, scrolls down	Hold	If listening, rewinds through song or show If in a menu, scrolls down until the button is released	<b>⏸</b> Play/Pause	Press	Plays or pauses a song or show Selects highlighted items in lists, menus, or prompts	Hold	When listening to playlists, displays Save or Delete prompt When listening to My Sirius Channels, allows you to Love songs	<b>⏭</b> Fast-Forward	Press	If listening, Fast-Forwards to the next song or show If in a menu, scrolls up	Hold	Fast-Forwards through song or show If in a menu, scrolls up until the button is released
<b>⏮</b> Rewind	Press	If listening, rewinds to the previous song or show If in a menu, scrolls down															
	Hold	If listening, rewinds through song or show If in a menu, scrolls down until the button is released															
<b>⏸</b> Play/Pause	Press	Plays or pauses a song or show Selects highlighted items in lists, menus, or prompts															
	Hold	When listening to playlists, displays Save or Delete prompt When listening to My Sirius Channels, allows you to Love songs															
<b>⏭</b> Fast-Forward	Press	If listening, Fast-Forwards to the next song or show If in a menu, scrolls up															
	Hold	Fast-Forwards through song or show If in a menu, scrolls up until the button is released															
2	A player as set forth in claim 1 further comprising	Every claim limitation of claim 1 is present in the S50 as described above.															
2.a	means for detecting a second command indicative of a request to skip backward, and	<p>The S50 has means for detecting a second command indicative of a request to skip backward. This limitation is governed by 35 U.S.C. § 112, para. 6</p> <p>The "detecting" structure in the S50 comprises at least a processor programmed with the algorithm for detecting a skip backward command, as well as the "&lt;&lt;" (rewind) button and all connections between the two. The structure and source code of the S50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p>															

		 <p>Figure 1</p> <p>(Sirius S50 User Guide, pages: 14)</p>
2.b	<p>means responsive to a single one of said second commands for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of said currently playing program.</p>	<p>The S50 has means responsive to a single one of said second commands for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of said currently playing program. This limitation is governed by 35 U.S.C. §112, para. 6.</p> <p>The "responsive" structure in the S50 comprises at least a processor programmed with the algorithm for responding to a skip backward command. The structure and source code of the S50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Once a user presses "&lt;&lt;" (rewind), the S50 discontinues playing the current program segment and plays that current program segment from the beginning.</p>

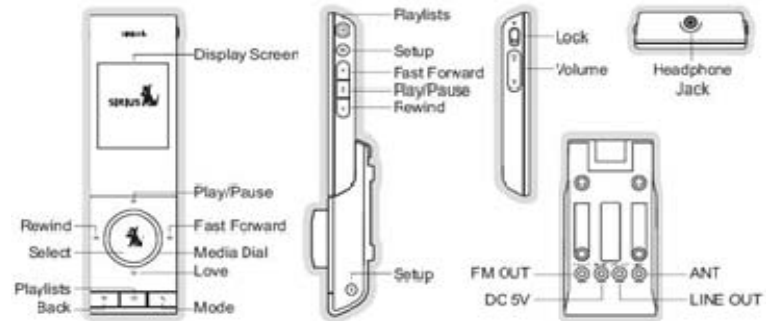




Figure 1

(Sirius S50 User Guide, pages: 14)










Vehicle Dock Buttons:

 <b>Rewind</b>	Press	Rewinds a broadcast to previous song or show	Rewinds to the previous song or show
	Hold	Rewinds through a broadcast	Rewinds through song or show
 <b>Fast-Forward</b>	Press	Fast-Forwards the replay buffer to the next song or show	Fast-Forwards to the next song or show
	Hold	Fast-Forwards through the replay buffer	Fast-Forwards through song or show

(Sirius S50 User Guide, pages: 15)

Media Player Buttons:



		<table border="1"> <tr> <td rowspan="2" style="text-align: center;"> Rewind</td> <td>Press</td> <td>If listening, rewinds to the previous song or show If in a menu, scrolls down</td> </tr> <tr> <td>Hold</td> <td>If listening, rewinds through song or show If in a menu, scrolls down until the button is released</td> </tr> <tr> <td rowspan="2" style="text-align: center;"> Play/Pause</td> <td>Press</td> <td>Pays or pauses a song or show Selects highlighted items in lists, menus, or prompts</td> </tr> <tr> <td>Hold</td> <td>When listening to playlists, displays Save or Delete prompt When listening to My Sirius Channels, allows you to Love songs</td> </tr> <tr> <td rowspan="2" style="text-align: center;"> Fast-Forward</td> <td>Press</td> <td>If Listening, Fast-Forwards to the next song or show If in a menu, scrolls up</td> </tr> <tr> <td>Hold</td> <td>Fast-Forwards through song or show If in a menu, scrolls up until the button is released</td> </tr> </table> <p><i>(Sirius S50 User Guide, pages: 18)</i></p>	 Rewind	Press	If listening, rewinds to the previous song or show If in a menu, scrolls down	Hold	If listening, rewinds through song or show If in a menu, scrolls down until the button is released	 Play/Pause	Press	Pays or pauses a song or show Selects highlighted items in lists, menus, or prompts	Hold	When listening to playlists, displays Save or Delete prompt When listening to My Sirius Channels, allows you to Love songs	 Fast-Forward	Press	If Listening, Fast-Forwards to the next song or show If in a menu, scrolls up	Hold	Fast-Forwards through song or show If in a menu, scrolls up until the button is released
 Rewind	Press	If listening, rewinds to the previous song or show If in a menu, scrolls down															
	Hold	If listening, rewinds through song or show If in a menu, scrolls down until the button is released															
 Play/Pause	Press	Pays or pauses a song or show Selects highlighted items in lists, menus, or prompts															
	Hold	When listening to playlists, displays Save or Delete prompt When listening to My Sirius Channels, allows you to Love songs															
 Fast-Forward	Press	If Listening, Fast-Forwards to the next song or show If in a menu, scrolls up															
	Hold	Fast-Forwards through song or show If in a menu, scrolls up until the button is released															
3	A player as set forth in claim 2 further comprising	Every claim limitation of claim 2 is present in the S50 as described above.															
3.a	means responsive to the detection of two consecutive ones of said second commands for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which precedes the currently playing program segment.	<p>The S50 has means responsive to the detection of two consecutive ones of said second control commands for discontinuing the reproduction of the currently playing program and instead continuing the translation at the beginning of a program segment which precedes the currently playing program in said sequence. This limitation is governed by 35 U.S.C. §112, para. 6.</p> <p>The "responsive" structure in the S50 comprises at least a processor programmed with the algorithm for responding to two consecutive skip backward commands. The structure and source code of the S50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Once a user presses "&lt;&lt;" (rewind) twice, the S50 discontinues playing the current program segment and begins playing the program segment which precedes the currently playing program in the sequence.</p>															

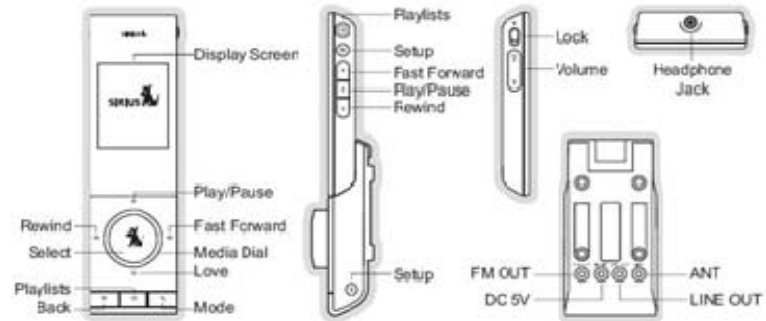




Figure 1










(Sirius S50 User Guide, pages: 14)

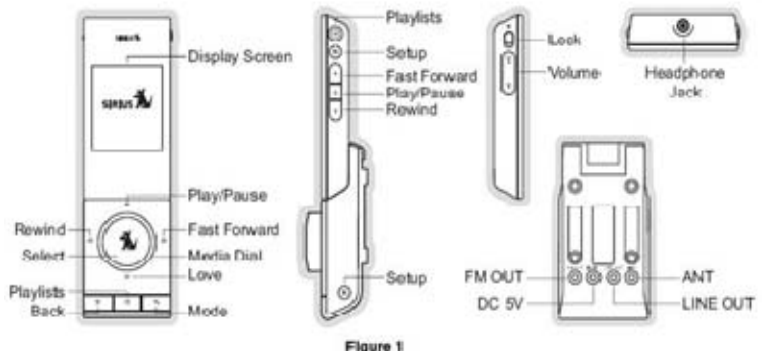
Vehicle Dock Buttons:

 <b>Rewind</b>	Press	Rewinds a broadcast to previous song or show	Rewinds to the previous song or show
	Hold	Rewinds through a broadcast	Rewinds through song or show
 <b>Fast-Forward</b>	Press	Fast-Forwards the replay buffer to the next song or show	Fast-Forwards to the next song or show
	Hold	Fast-Forwards through the replay buffer	Fast-Forwards through song or show

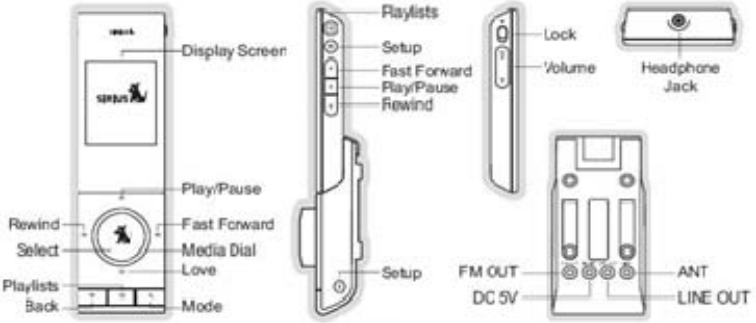
(Sirius S50 User Guide, pages: 15)


Media Player Buttons:

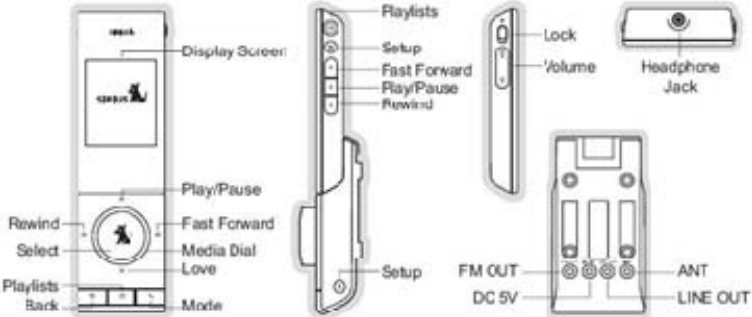
		<table border="1"> <tr> <td rowspan="2" style="text-align: center;"> Rewind</td> <td>Press</td> <td>If listening, rewinds to the previous song or show If in a menu, scrolls down</td> </tr> <tr> <td>Hold</td> <td>If listening, rewinds through song or show If in a menu, scrolls down until the button is released</td> </tr> <tr> <td rowspan="2" style="text-align: center;"> Play/Pause</td> <td>Press</td> <td>Plays or pauses a song or show Selects highlighted items in lists, menus, or prompts</td> </tr> <tr> <td>Hold</td> <td>When listening to playlists, displays Save or Delete prompt When listening to My Sirius Channels, allows you to Love songs</td> </tr> <tr> <td rowspan="2" style="text-align: center;"> Fast-Forward</td> <td>Press</td> <td>If Listening, Fast-Forwards to the next song or show If in a menu, scrolls up</td> </tr> <tr> <td>Hold</td> <td>Fast-Forwards through song or show If in a menu, scrolls up until the button is released</td> </tr> </table> <p><i>(Sirius S50 User Guide, pages: 18)</i></p>	 Rewind	Press	If listening, rewinds to the previous song or show If in a menu, scrolls down	Hold	If listening, rewinds through song or show If in a menu, scrolls down until the button is released	 Play/Pause	Press	Plays or pauses a song or show Selects highlighted items in lists, menus, or prompts	Hold	When listening to playlists, displays Save or Delete prompt When listening to My Sirius Channels, allows you to Love songs	 Fast-Forward	Press	If Listening, Fast-Forwards to the next song or show If in a menu, scrolls up	Hold	Fast-Forwards through song or show If in a menu, scrolls up until the button is released
 Rewind	Press	If listening, rewinds to the previous song or show If in a menu, scrolls down															
	Hold	If listening, rewinds through song or show If in a menu, scrolls down until the button is released															
 Play/Pause	Press	Plays or pauses a song or show Selects highlighted items in lists, menus, or prompts															
	Hold	When listening to playlists, displays Save or Delete prompt When listening to My Sirius Channels, allows you to Love songs															
 Fast-Forward	Press	If Listening, Fast-Forwards to the next song or show If in a menu, scrolls up															
	Hold	Fast-Forwards through song or show If in a menu, scrolls up until the button is released															
5	A player as set forth in claim 1	Every claim limitation of claim 1 is present in the S50 as described above.															
5.a	including editing means for modifying said data establishing said sequence.	<p>The S50 includes editing means for modifying said data establishing said sequence. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "editing" structure comprises at least a processor programmed with the algorithm for modifying the data establishing the sequence. The structure and source code of the S50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>The user can modify playlists by adding and removing songs from playlists using the buttons.</p> <p>"Deleting Songs or Shows from My Sirius Songs, My Sirius Shows, and My Playlists Songs and shows are deleted using the Delete Content menu option from the Content Management menu in Setup to delete content." <i>(Sirius S50 User Guide, pages: 60)</i></p>															

<p>14</p>	<p>A programmed digital computer for reproducing audio programs, said computer comprising, in combination:</p>	<p>The S50 is a programmed digital computer for reproducing audio programs. Songs, audiobooks or portions of audiobooks, and installments of podcasts are examples of audio program segments.</p>  <p>Figure 1</p> <p>(<i>Sirius S50 User Guide, pages: 14</i>)</p> <p>"The Sirius S50 allows you to capture and store up to 50 hours of SIRIUS Satellite Radio content, or a mix of SIRIUS programming and MP3/WMA files, for portable entertainment." (<i>Sirius S50 User Guide, pages: 1</i>)</p>
<p>14.a</p>	<p>a mass storage device for storing a plurality of digitally recorded audio program segments, each of said segments having a beginning and an end, and further receiving and storing a file of data establishing a sequence in which said program segments are scheduled to be played,</p>	<p>The S50 has a mass storage device for storing a plurality of digitally recorded audio program segments, each of the segments having a beginning and an end, and further receiving and storing a file of data establishing a sequence in which said program segments are scheduled to be played.</p> <p>The mass storage device in the S50 is flash memory storage.</p> <p>"Memory Capacity...1GB" (<i>Sirius S50 User Guide, pages: 104</i>)</p> <p>"As much as half of the total memory storage space (512MB) is available for MP3</p>

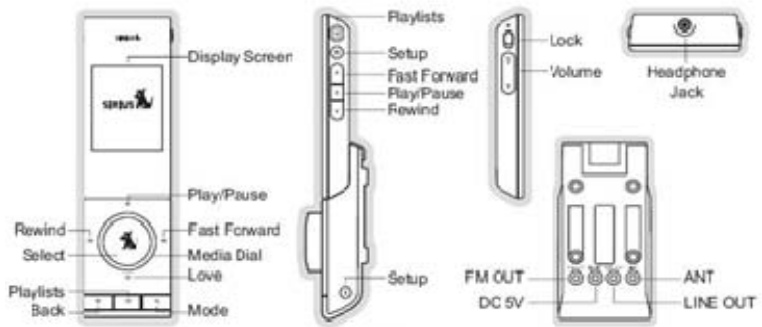
		<p>or WMA files downloaded from your computer." (<i>Sirius S50 User Guide, pages: 52</i>)</p> <p>"The Sirius S50 allows you to capture and store up to 50 hours of SIRIUS Satellite Radio content, or a mix of SIRIUS programming and MP3/WMA files, for portable entertainment." (<i>Sirius S50 User Guide, pages: 1</i>)</p> <p>The S50 supports a plurality of program segment types. Program segments are, for example, songs.</p> <p>The mass storage device, additionally, receives and stores a file of data establishing a sequence in which said program segments are scheduled to be played (a "playlist").</p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the S50 is the playlist file. The specific format and contents of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>"My Playlists. This playlist contains audio files (MP3 and WMA format) which you have downloaded from your PC using the My Sirius Studio software. You may design this category in any way you wish, using the software application." (<i>Sirius S50 User Guide, pages: 56</i>)</p> <p>"The My Sirius Studio software included with your Sirius S50 allows you to connect your Sirius S50 to your PC.</p> <p>The following list provides a few highlights of the capabilities of the software:</p> <p>Create playlists and download songs to the playlists.</p>
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














		<p>Streaming of SIRIUS music channels over the internet.  Check for updates to the operating system software and download them to Sirius S50, and re-install deleted operating system files. (<i>Sirius S50 User Guide, pages: 90</i>)</p>
14.b	<p>input means for accepting control commands from a user,</p>	<p>The S50 has means for accepting control commands from a user. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "input" structure in the S50 is the media dial and buttons on the front of the device.</p>  <p style="text-align: center;">Figure 1</p> <p>(<i>Sirius S50 User Guide, pages: 14</i>)</p> <p>"The Media Dial is a unique multifunction control which can be turned and pressed to accomplish many functions of the Sirius S50. Turning the Media Dial clockwise or counter-clockwise which will scroll channels, genres, presets, menus and lists. Pressing the Media Dial in the center (on the SIRIUS dog logo) provides the 'Select' function for choosing channels, genres, presets, prompts, menu or list items.</p> <p>The Media Dial also provides for selecting four other functions when pressed at</p>

		<p>the north, south, east, or west positions as shown in Figure 1 ( Play/Pause, Love, Fast-Forward, and Rewind)." (<i>Sirius S50 User Guide, pages: 22</i>)</p>
14.c	<p>output means for producing audible sounds in response to analog audio signals,</p>	<p>The S50 has output means for producing audible sounds in response to analog audio signals. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "output" structure in the S50 is the headphones sold with the device by Sirius. These headphones interface with the 3.5mm audio jack on the S50 (labeled "Headphone jack") to produce audible sounds in response to analog audio signals.</p> <p>Ear buds:</p> <div style="text-align: center;">  <p><b>Media Player</b>      <b>Ear Buds &amp; Pads</b></p> </div> <p>(<i>Sirius S50 User Guide, pages: 12</i>)</p> <p>"When using the media player: Check that the ear buds are plugged into the</p>

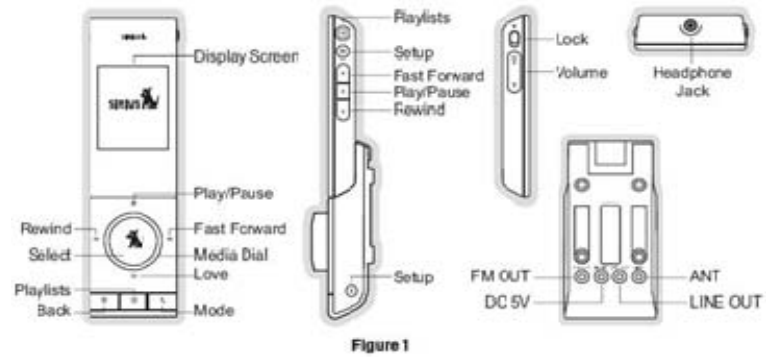
		<p>headphone jack securely." (<i>Sirius S50 User Guide, pages: 101</i>)</p> <p>Sirius also contributorily infringes this claim element when the device is used with any output means, including but not limited to headphones or speakers, not sold with the S50 or by Sirius.</p>
14.d	<p>processing means for translating said digitally recorded audio program segments into analog audio signals delivered to said output means for reproducing said recorded program segments in a form audible to said user,</p>	<p>The S50 has processing means for translating said digitally recorded audio program segments into analog audio signals delivered to said output means for reproducing said recorded program segments in a form audible to said user. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "processing" structure in the S50 comprises at least a processor programmed with the algorithm for translating said digitally recorded audio program segments into analog audio signals. The structure and source code of the S50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>The analog audio signals are delivered to the output means (headphones) via the "Headphone Jack."</p>  <p style="text-align: center;">Figure 1</p>



		<p>(Sirius S50 User Guide, pages: 14)</p>
<p>14.e</p>	<p>processing means responsive to a first one of said control commands for discontinuing the translation of the currently playing program segment and instead continuing the translation at the beginning of the next program segment in said sequence, and</p>	<p>The S50 has processing means responsive to a first one of said control commands for discontinuing the translation of the currently playing program segment and instead continuing the translation at the beginning of the next program segment in said sequence. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "processing" structure in the S50 comprises at least a processor programmed with the algorithm for responding to a skip forward command. The structure and source code of the S50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Once a user presses &gt;&gt; (fast forward), the S50 discontinues playing the current program segment and begins playing the next program segment in the playlist.</p>  <p>Figure 1</p> <p>(Sirius S50 User Guide, pages: 14)</p> <p>Vehicle Dock Buttons:</p>



		<table border="1"> <tr> <td rowspan="2">   <b>Rewind</b> </td> <td>Press</td> <td>Rewinds a broadcast to previous song or show</td> <td>Rewinds to the previous song or show</td> </tr> <tr> <td>Hold</td> <td>Rewinds through a broadcast</td> <td>Rewinds through song or show</td> </tr> <tr> <td rowspan="2">   <b>Fast-Forward</b> </td> <td>Press</td> <td>Fast-Forwards the replay buffer to the next song or show</td> <td>Fast-Forwards to the next song or show</td> </tr> <tr> <td>Hold</td> <td>Fast-Forwards through the replay buffer</td> <td>Fast-Forwards through song or show</td> </tr> </table> <p><i>(Sirius S50 User Guide, pages: 15)</i></p> <p>Media Player Buttons:</p> <table border="1"> <tr> <td rowspan="2">   <b>Rewind</b> </td> <td>Press</td> <td>If listening, rewinds to the previous song or show If in a menu, scrolls down</td> </tr> <tr> <td>Hold</td> <td>If listening, rewinds through song or show If in a menu, scrolls down until the button is released</td> </tr> <tr> <td rowspan="2">   <b>Play/Pause</b> </td> <td>Press</td> <td>Pays or pauses a song or show Selects highlighted items in lists, menus, or prompts</td> </tr> <tr> <td>Hold</td> <td>When listening to playlists, displays Save or Delete prompt When listening to My Sirius Channels, allows you to Love songs</td> </tr> <tr> <td rowspan="2">   <b>Fast-Forward</b> </td> <td>Press</td> <td>If Listening, Fast-Forwards to the next song or show If in a menu, scrolls up</td> </tr> <tr> <td>Hold</td> <td>Fast-Forwards through song or show If in a menu, scrolls up until the button is released</td> </tr> </table> <p><i>(Sirius S50 User Guide, pages: 18)</i></p>	 <b>Rewind</b>	Press	Rewinds a broadcast to previous song or show	Rewinds to the previous song or show	Hold	Rewinds through a broadcast	Rewinds through song or show	 <b>Fast-Forward</b>	Press	Fast-Forwards the replay buffer to the next song or show	Fast-Forwards to the next song or show	Hold	Fast-Forwards through the replay buffer	Fast-Forwards through song or show	 <b>Rewind</b>	Press	If listening, rewinds to the previous song or show If in a menu, scrolls down	Hold	If listening, rewinds through song or show If in a menu, scrolls down until the button is released	 <b>Play/Pause</b>	Press	Pays or pauses a song or show Selects highlighted items in lists, menus, or prompts	Hold	When listening to playlists, displays Save or Delete prompt When listening to My Sirius Channels, allows you to Love songs	 <b>Fast-Forward</b>	Press	If Listening, Fast-Forwards to the next song or show If in a menu, scrolls up	Hold	Fast-Forwards through song or show If in a menu, scrolls up until the button is released
 <b>Rewind</b>	Press	Rewinds a broadcast to previous song or show		Rewinds to the previous song or show																											
	Hold	Rewinds through a broadcast	Rewinds through song or show																												
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	Hold	Fast-Forwards through song or show If in a menu, scrolls up until the button is released																													
14.f	processing means responsive to a second one of said control command for discontinuing the translation of the currently playing program and instead continuing the translation at the beginning of said currently playing program.	<p>The S50 has processing means responsive to a second one of said control command for discontinuing the translation of the currently playing program and instead continuing the translation at the beginning of said currently playing program. This limitation is governed by 35 U.S.C. §112, para. 6</p> <p>The "processing" structure in the S50 comprises at least a processor programmed with the algorithm for responding to a skip backward command. The structure and source code of the S50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p>																													

Once a user presses "<<" (rewind), the S50 discontinues playing the current program segment and plays that current program segment from the beginning.












(Sirius S50 User Guide, pages: 14)

Vehicle Dock Buttons:

 <b>Rewind</b>	Press	Rewinds a broadcast to previous song or show	Rewinds to the previous song or show
	Hold	Rewinds through a broadcast	Rewinds through song or show
 <b>Fast-Forward</b>	Press	Fast-Forwards the replay buffer to the next song or show	Fast-Forwards to the next song or show
	Hold	Fast-Forwards through the replay buffer	Fast-Forwards through song or show

(Sirius S50 User Guide, pages: 15)

Media Player Buttons:

		<table border="1"> <tr> <td rowspan="2" style="text-align: center;"> Rewind</td> <td>Press</td> <td>If listening, rewinds to the previous song or show If in a menu, scrolls down</td> </tr> <tr> <td>Hold</td> <td>If listening, rewinds through song or show If in a menu, scrolls down until the button is released</td> </tr> <tr> <td rowspan="2" style="text-align: center;"> Play/Pause</td> <td>Press</td> <td>Pays or pauses a song or show Selects highlighted items in lists, menus, or prompts</td> </tr> <tr> <td>Hold</td> <td>When listening to playlists, displays Save or Delete prompt When listening to My Sirius Channels, allows you to Love songs</td> </tr> <tr> <td rowspan="2" style="text-align: center;"> Fast-Forward</td> <td>Press</td> <td>If listening, Fast-Forwards to the next song or show If in a menu, scrolls up</td> </tr> <tr> <td>Hold</td> <td>Fast-Forwards through song or show If in a menu, scrolls up until the button is released</td> </tr> </table> <p><i>(Sirius S50 User Guide, pages: 18)</i></p>	 Rewind	Press	If listening, rewinds to the previous song or show If in a menu, scrolls down	Hold	If listening, rewinds through song or show If in a menu, scrolls down until the button is released	 Play/Pause	Press	Pays or pauses a song or show Selects highlighted items in lists, menus, or prompts	Hold	When listening to playlists, displays Save or Delete prompt When listening to My Sirius Channels, allows you to Love songs	 Fast-Forward	Press	If listening, Fast-Forwards to the next song or show If in a menu, scrolls up	Hold	Fast-Forwards through song or show If in a menu, scrolls up until the button is released
 Rewind	Press	If listening, rewinds to the previous song or show If in a menu, scrolls down															
	Hold	If listening, rewinds through song or show If in a menu, scrolls down until the button is released															
 Play/Pause	Press	Pays or pauses a song or show Selects highlighted items in lists, menus, or prompts															
	Hold	When listening to playlists, displays Save or Delete prompt When listening to My Sirius Channels, allows you to Love songs															
 Fast-Forward	Press	If listening, Fast-Forwards to the next song or show If in a menu, scrolls up															
	Hold	Fast-Forwards through song or show If in a menu, scrolls up until the button is released															
15	A programmed digital computer for reproducing audio programs as set forth in claim 14 further comprising	Every claim limitation of claim 14 is present in the S50 as described above.															
15.a	means responsive to two consecutive ones of said second control commands for discontinuing the translation of the currently playing program and instead continuing the translation at the beginning of a program segment which precedes said currently playing program in said sequence.	<p>The S50 has means responsive to the detection of two consecutive ones of said second control commands for discontinuing the translation of the currently playing program and instead continuing the translation at the beginning of a program segment which precedes the currently playing program in said sequence. This limitation is governed by 35 U.S.C. §112, para. 6.</p> <p>The "responsive" structure in the S50 comprises at least a processor programmed with the algorithm for responding to two consecutive skip backward commands. The structure and source code of the S50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Once a user presses "&lt;&lt;" (rewind) twice, the S50 discontinues playing the current program segment and begins playing the program segment which precedes the currently playing program in the sequence.</p>															

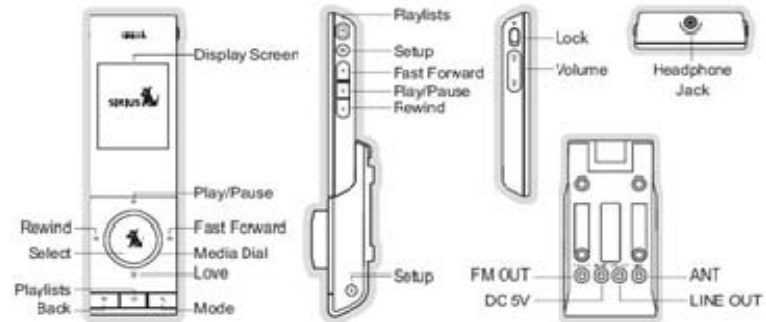




Figure 1




(Sirius S50 User Guide, pages: 14)

Vehicle Dock Buttons:

 <b>Rewind</b>	Press	Rewinds a broadcast to previous song or show	Rewinds to the previous song or show
	Hold	Rewinds through a broadcast	Rewinds through song or show
 <b>Fast-Forward</b>	Press	Fast-Forwards the replay buffer to the next song or show	Fast-Forwards to the next song or show
	Hold	Fast-Forwards through the replay buffer	Fast-Forwards through song or show

(Sirius S50 User Guide, pages: 15)

Media Player Buttons:

		 <b>Rewind</b>	Press	If listening, rewinds to the previous song or show If in a menu, scrolls down
			Hold	If listening, rewinds through song or show If in a menu, scrolls down until the button is released
		 <b>Play/Pause</b>	Press	Plays or pauses a song or show Selects highlighted items in lists, menus, or prompts
			Hold	When listening to playlists, displays Save or Delete prompt When listening to My Sirius Channels, allows you to Love songs
		 <b>Fast-Forward</b>	Press	If listening, Fast-Forwards to the next song or show If in a menu, scrolls up
			Hold	Fast-Forwards through song or show If in a menu, scrolls up until the button is released

*(Sirius S50 User Guide, pages: 18)*

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**EXHIBIT C**

**Personal Audio Infringement Contentions for U.S. 6,199,076  
Sirius SKYFi3**

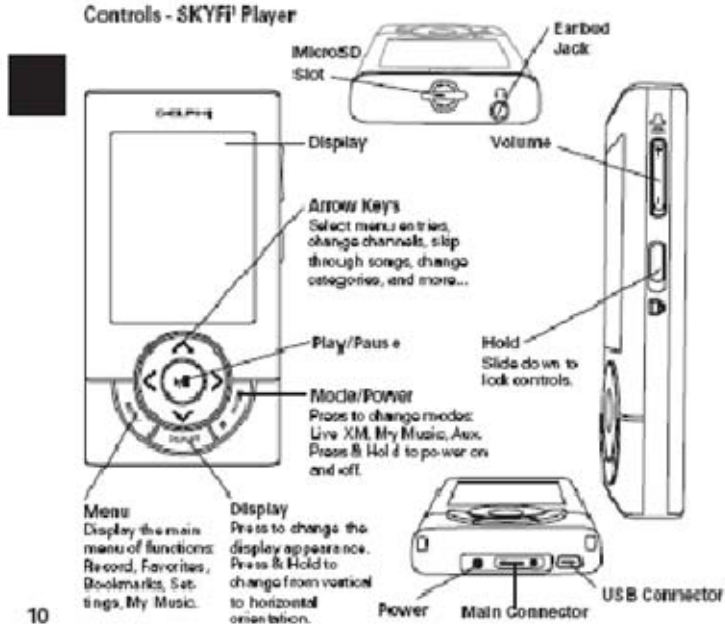
The following sets forth Plaintiff's contentions regarding the manner in which the Sirius' SKYFi3 product infringes U.S. Patent No. 6,199,076.

	<b>Claim</b>	<b>Infringement Support</b>
1	A player for reproducing selected audio program segments comprising, in combination:	The SKYFi 3 is a player for reproducing selected audio program segments. Songs, audiobooks or portions of audiobooks, and installments of podcasts are examples of audio program segments.

		<p>Controls - SKYFi3 Player</p> <p>MicroSD Slot</p> <p>Earbud Jack</p> <p>Volume</p> <p>Display</p> <p>Arrow Keys Select menu entries, change channels, slip through songs, change categories, and more...</p> <p>Play/Pause</p> <p>Mode/Power Press to change modes: Live XM, My Music, Aux. Press &amp; Hold to power on and off.</p> <p>Hold Slide down to lock controls.</p> <p>Menu Display the main menu of functions: Record, Favorites, Bookmarks, Settings, My Music.</p> <p>Display Press to change the display appearance. Press &amp; Hold to change from vertical to horizontal orientation.</p> <p>Power</p> <p>Main Connector</p> <p>USB Connector</p> <p>10</p> <p>(SKYFi3 User Guide, pages: 10)</p> <p>"SKYFi3 Player Listen to Live XM when docked in the car or home cradle (home kit sold separately). Organize and manage your music. Listen to recorded XM content and digital audio files (MP3/WMA). Portable Live XM with Wearable Live kit (sold separately)." (SKYFi3 User Guide, pages: 9)</p>
1.a	means for storing a plurality of program segments, each of said program segments having a beginning and an end,	The SKYFi 3 has means for storing a plurality of program segments, each of said program segments having a beginning and an end. This limitation is governed by 35 U.S.C. § 112, para. 6.



		<p>The "storing" structure in the SKYFi 3 is a flash memory drive.</p> <p>"Storage Capacity 256 MB internal flash, 32 MB internal RAM, 2 GB MicroSD card (maximum recognizable); Delphi recommends SanDisk brand for maximum performance" (<i>SKYFi3 User Guide, pages: 63</i>)</p> <p>The SKYFi 3 supports a plurality of program segment types. Program segments are, for example, songs.</p> <p>"Music file formats MP3, WMA, . . ." (<i>SKYFi3 User Guide, pages: 63</i>)</p>
1.b	means for receiving and storing a file of data establishing a sequence in which said program segments are scheduled to be reproduced by said player,	<p>The SKYFi 3 has means for receiving and storing a file of data establishing a sequence in which said program segments are scheduled to be reproduced by the player. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "receiving and storing" structure in the SKYFi 3 is the flash memory drive.</p> <p>"Storage Capacity 256 MB internal flash, 32 MB internal RAM, 2 GB MicroSD card (maximum recognizable); Delphi recommends SanDisk brand for maximum performance" (<i>SKYFi3 User Guide, pages: 63</i>)</p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the SKYFi 3 is the playlist file. The specific format and contents of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>"Playlists contain a list of songs that are organized to play in a certain sequence.</p>

		<p>You can add a song to more than one playlist." (<i>SKYFi3 User Guide, pages: 37</i>)</p>
<p>1.c</p>	<p>means for accepting control commands from a user of said player,</p>	<p>The SKYFi 3 has means for accepting control commands from a user. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "accepting structure for the SKYFi 3 is the buttons.</p> <p>SKYFi3 Controls</p>  <p>The diagram, titled "Controls - SKYFi3 Player", shows two views of the device. The front view includes a "Display" at the top, "Arrow Keys" for navigation, a "Play/Pause" button, a "Menu" button, and a "Mode/Power" button. The side view shows a "Volume" slider, a "Hold" button, and a "Slide down to lock controls" mechanism. The bottom view shows the "Power", "Main Connector", and "USB Connector" ports. A "MicroSD Slot" and "Earbud Jack" are also indicated on the top edge.</p> <p>(<i>SKYFi3 User Guide, pages: 10</i>)</p>
<p>1.d</p>	<p>means for continuously reproducing said program segments in the order established</p>	<p>The SKYFi 3 has means for continuously reproducing said program segments in the order established by said sequence in the absence of a control command. This</p>

by said sequence in the absence of a control command,

limitation is governed by 35 U.S.C. § 112, para. 6.

The "continuously reproducing" structure in the SKYFi 3 comprises at least a processor programmed to continuously reproduce program segments in the absence of a control command. The structure and source code of the SKYFi 3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).

Once a user has started listening to a playlist on the SKYFi 3, the device automatically plays the program segment next in line in the playlist after the previous program segment ends. The SKYFi 3 reproduces the program segment in the order established by the playlist without the need for the user to utilize a control command. Once a playlist has been selected, no further control command is required for continuously reproducing said program segments in the order established by said sequence.

The SKYFi 3 can be set to play songs in order.

#### Playing Songs in a Playlist

1. To select a playlist to play, press the **Menu** button, scroll to "Playlists" and press the **Play/Pause** button to select it.



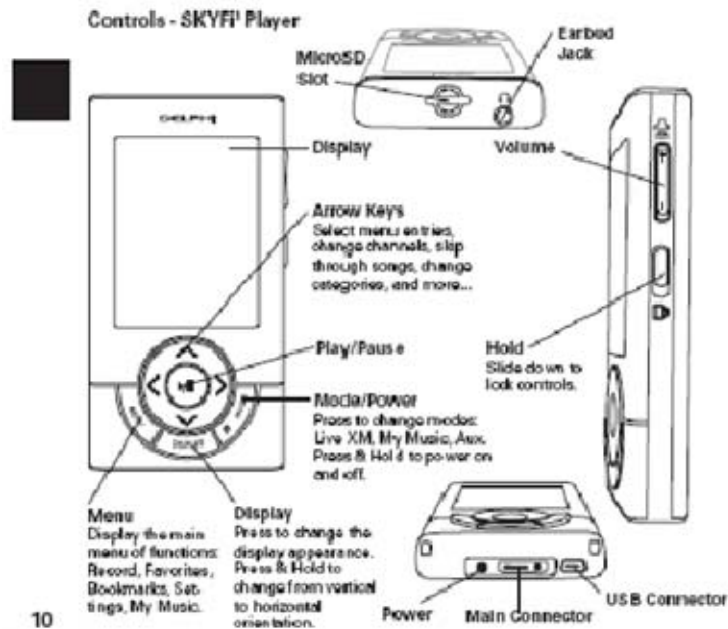
2. Scroll to the desired playlist in the list and press the **Menu** button to select it.
3. Scroll to "Select" and press the **Play/Pause** button to see the list of songs in the playlist.
4. Scroll to the desired song and press the **Play/Pause** button to play it.

		<p>Playing songs in a playlist (<i>SKYFi3 User Guide, pages: 38</i>)</p> <p>"Playlists contain a list of songs that are organized to play in a certain sequence. You can add a song to more than one playlist." (<i>SKYFi3 User Guide, pages: 37</i>)</p>
1.e	<p>means for detecting a first command indicative of a request to skip forward, and</p>	<p>The SKYFi 3 has means for detecting a first command indicative of a request to skip forward. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "detecting" structure in the SKYFi 3 comprises at least a processor programmed with the algorithm for detecting a skip forward command, as well as the "&gt;&gt;" (fast forward) button and all connections between the two. The structure and source code of the SKYFi 3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>SKYFi3 Controls</p>

		<p>(SKYFi3 User Guide, pages: 10)</p>
1.f	<p>means responsive to said first command for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which follows said currently playing program in said sequence.</p>	<p>The SKYFi 3 has means responsive to said first command for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which follows said currently playing program in said sequence. This limitation is governed by 35 U.S.C. §112, para. 6.</p> <p>The "responsive" structure in the SKYFi 3 comprises at least a processor programmed with the algorithm for responding to a skip forward command. The structure and source code of the SKYFi 3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p>

Once a user presses right, the SKYFi 3 discontinues playing the current program segment and begins playing the next program segment in the playlist.

### SKYFi3 Controls

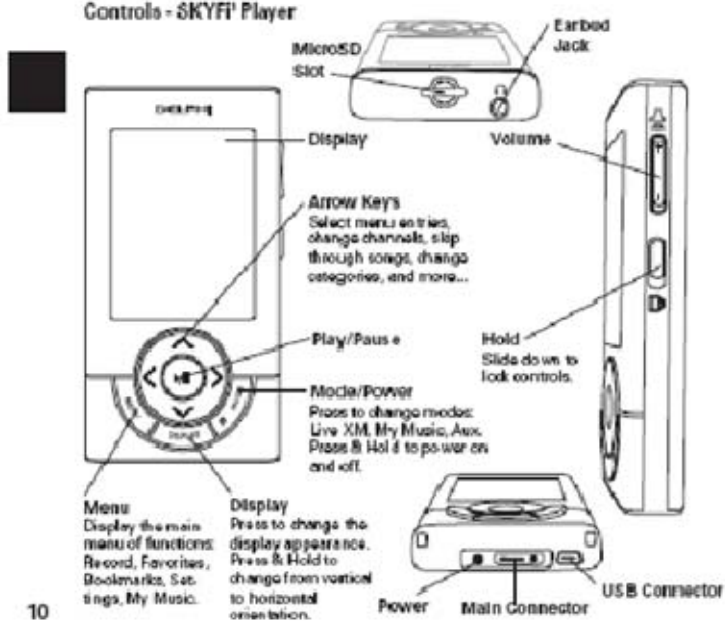


(SKYFi3 User Guide, pages: 10)

"You can skip forward and backward through your recorded music while listening by pressing the left and right arrow keys to skip to the previous and next song respectively." (SKYFi3 User Guide, pages: 35)

2 A player as set forth in claim 1 further comprising

Every claim limitation of claim 1 is present in the SKYFi 3 as described above.

<p>2.a</p>	<p>means for detecting a second command indicative of a request to skip backward, and</p>	<p>The SKYFi 3 has means for detecting a second command indicative of a request to skip backward. This limitation is governed by 35 U.S.C. § 112, para. 6</p> <p>The "detecting" structure in the SKYFi 3 comprises at least a processor programmed with the algorithm for detecting a skip backward command, as well as the "left" button and all connections between the two. The structure and source code of the SKYFi 3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>SKYFi3 Controls</p>  <p>The diagram, titled "Controls - SKYFi3 Player", shows a front view of the device with several controls labeled:     <ul style="list-style-type: none"> <li><b>MicroSD Slot</b>: Located at the top left.</li> <li><b>Earbud Jack</b>: Located at the top right.</li> <li><b>Volume</b>: A vertical slider on the right side.</li> <li><b>Hold</b>: A button on the right side, with the instruction "Slide down to lock controls."</li> <li><b>Display</b>: A large rectangular screen in the center.</li> <li><b>Arrow Keys</b>: Four directional buttons below the display, with the instruction "Select menu entries, change channels, skip through songs, change categories, and more..."</li> <li><b>Play/Pause</b>: A central button with a play/pause symbol.</li> <li><b>Media/Power</b>: A circular button with a play/pause symbol, with instructions: "Press to change modes: Live XM, My Music, Aux. Press &amp; Hold to power on and off."</li> <li><b>Menu</b>: A button at the bottom left, with instructions: "Display the main menu of functions: Record, Favorites, Bookmarks, Settings, My Music."</li> <li><b>Display</b>: A button at the bottom center, with instructions: "Press to change the display appearance. Press &amp; Hold to change from vertical to horizontal orientation."</li> <li><b>Power</b>: A button at the bottom right.</li> <li><b>Main Connector</b>: A port at the bottom right.</li> <li><b>USB Connector</b>: A port at the bottom right.</li> </ul>     A small number "10" is located at the bottom left of the diagram area.   </p> <p>(SKYFi3 User Guide, pages: 10)</p>
<p>2.b</p>	<p>means responsive to a single one of said</p>	<p>The SKYFi 3 has means responsive to a single one of said second commands for</p>

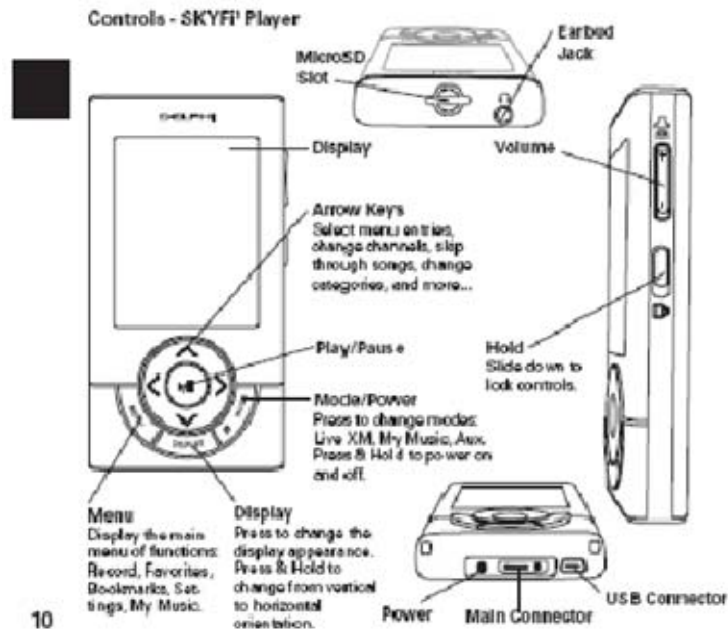
second commands for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of said currently playing program.

discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of said currently playing program. This limitation is governed by 35 U.S.C. §112, para. 6.

The "responsive" structure in the SKYFi 3 comprises at least a processor programmed with the algorithm for responding to a skip backward command. The structure and source code of the SKYFi 3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).

Once a user presses "left", the SKYFi 3 discontinues playing the current program segment and plays that current program segment from the beginning.

### SKYFi3 Controls





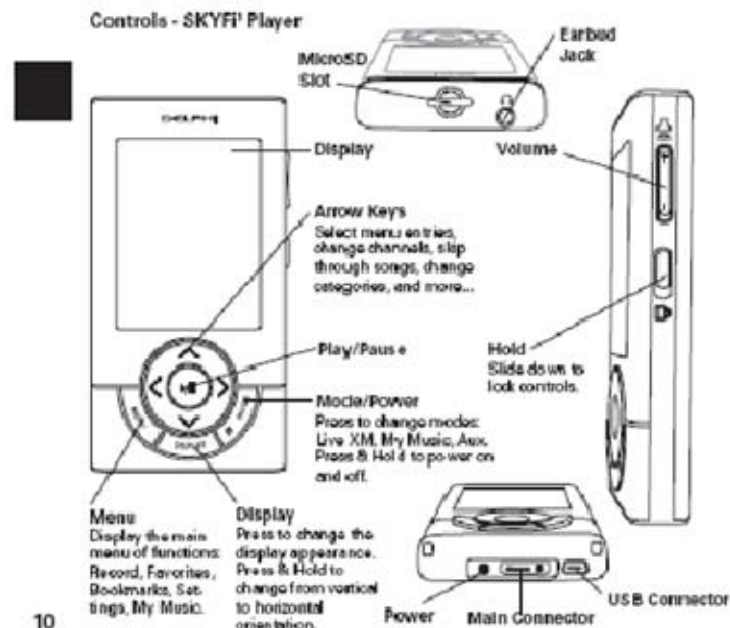
		<p>(SKYFi3 User Guide, pages: 10)</p> <p>"You can skip forward and backward through your recorded music while listening by pressing the left and right arrow keys to skip to the previous and next song respectively." (SKYFi3 User Guide, pages: 35)</p>
3	A player as set forth in claim 2 further comprising	Every claim limitation of claim 2 is present in the SKYFi 3 as described above.
3.a	means responsive to the detection of two consecutive ones of said second commands for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which precedes the currently playing program segment.	<p>The SKYFi 3 has means responsive to the detection of two consecutive ones of said second control commands for discontinuing the reproduction of the currently playing program and instead continuing the translation at the beginning of a program segment which precedes the currently playing program in said sequence. This limitation is governed by 35 U.S.C. §112, para. 6.</p> <p>The "responsive" structure in the SKYFi 3 comprises at least a processor programmed with the algorithm for responding to two consecutive skip backward commands. The structure and source code of the SKYFi 3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Once a user presses "left" twice, the SKYFi 3 discontinues playing the current program segment and begins playing the program segment which precedes the currently playing program in the sequence.</p> <p>SKYFi3 Controls</p>

		<p>Controls - SKYFi<sup>®</sup> Player</p> <p>MicroSD Slot</p> <p>Earbud Jack</p> <p>Volume</p> <p>Display</p> <p>Arrow Keys Select menu entries, change channels, skip through songs, change categories, and more...</p> <p>Play/Pause</p> <p>Mode/Power Press to change modes: Live XM, My Music, Aux. Press &amp; Hold to power on and off.</p> <p>Hold Slide down to lock controls.</p> <p>Menu Display the main menu of functions: Record, Favorites, Bookmarks, Settings, My Music.</p> <p>Display Press to change the display appearance. Press &amp; Hold to change from vertical to horizontal orientation.</p> <p>Power</p> <p>Main Connector</p> <p>USB Connector</p> <p>10</p> <p>(SKYFi3 User Guide, pages: 10)</p> <p>"You can skip forward and backward through your recorded music while listening by pressing the left and right arrow keys to skip to the previous and next song respectively." (SKYFi3 User Guide, pages: 35)</p>
5	A player as set forth in claim 1	Every claim limitation of claim 1 is present in the SKYFi 3 as described above.
5.a	including editing means for modifying said data establishing said sequence.	<p>The SKYFi 3 includes editing means for modifying said data establishing said sequence. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "editing" structure comprises at least a processor programmed with the</p>

algorithm for modifying the data establishing the sequence. The structure and source code of the SKYFi 3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).

The user can modify playlists by adding and removing songs from playlists using the buttons.

### SKYFi3 Controls



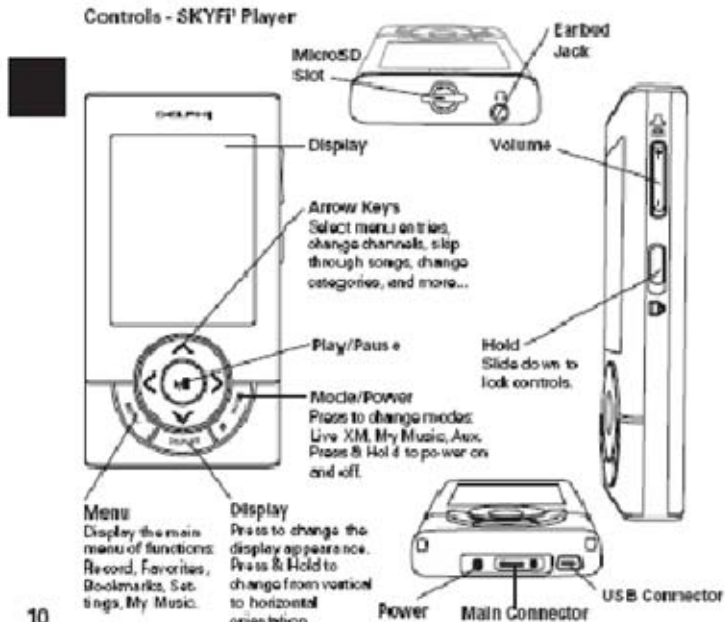
(SKYFi3 User Guide, pages: 10)

"You can add a song to more than one playlists. To add a song to a playlist, first select a song from any song list.

		<ol style="list-style-type: none"> <li>1. Press the Menu button to display the Menu.</li> <li>2. Scroll to "Edit Song" and press the Play/Pause button to select it. If "Edit Song" is not on the menu, select "Find" and press the Menu button to display the menu with "Edit Song" visible.</li> <li>3. Scroll to "Add to Playlist" and press the Play/Pause button to select it.</li> <li>4. To add the song to an existing playlist, scroll to the desired playlist and press the Play/Pause button to add the song to the playlist." (SKYFi3 User Guide, pages: 37)</li> </ol> <p>"Removing Playlist Items</p> <ol style="list-style-type: none"> <li>1. To remove songs from a playlist, press the Menu button, scroll to "Playlists" and press the Play/Pause button to select it.</li> <li>2. Scroll to the desired playlist in the list and press the Menu button to select it.</li> <li>3. Scroll to "Edit Playlist" and press the Play/Pause button to select it.</li> <li>4. Scroll to "Remove Songs" and press the Play/Pause button to see the list of songs in the playlist.</li> <li>5. Scroll to the desired song and press the Menu button to select it.</li> <li>6. Scroll to "Remove Song" and press the Play/Pause button to select it. SKYFi3 will ask you to confirm that you want to remove the song from the playlist. Scroll to "Yes" and press the Play/Pause button to confirm.</li> </ol> <p>Please note that removing a song from a playlist does not delete the song from your SKYFi3." (SKYFi3 User Guide, pages: 38-39)</p>
14	A programmed digital computer for reproducing audio programs, said computer comprising, in combination:	<p>The SKYFi 3 is a programmed digital computer for reproducing audio programs. Songs, audiobooks or portions of audiobooks, and installments of podcasts are examples of audio program segments.</p> <p>SKYFi3 Controls</p>

		<p>Controls - SKYFi3 Player</p> <p>MicroSD Slot</p> <p>Earbud Jack</p> <p>Display</p> <p>Volume</p> <p>Arrow Keys Select menu entries, change channels, slip through songs, change categories, and more...</p> <p>Play/Pause</p> <p>Hold Slide down to lock controls.</p> <p>Mode/Power Press to change modes: Live XM, My Music, Aux. Press &amp; Hold to power on and off.</p> <p>Menu Display the main menu of functions: Record, Favorites, Bookmarks, Settings, My Music.</p> <p>Display Press to change the display appearance. Press &amp; Hold to change from vertical to horizontal orientation.</p> <p>10</p> <p>Power</p> <p>Main Connector</p> <p>USB Connector</p> <p>(SKYFi3 User Guide, pages: 10)</p> <p>"SKYFi3 Player Listen to Live XM when docked in the car or home cradle (home kit sold separately). Organize and manage your music. Listen to recorded XM content and digital audio files (MP3/WMA). Portable Live XM with Wearable Live kit (sold separately)." (SKYFi3 User Guide, pages: 9)</p>
14.a	a mass storage device for storing a plurality of digitally recorded audio program segments, each of said segments having a	The SKYFi 3 has a mass storage device for storing a plurality of digitally recorded audio program segments, each of the segments having a beginning and an end, and further receiving and storing a file of data establishing a sequence in which said

	<p>beginning and an end, and further receiving and storing a file of data establishing a sequence in which said program segments are scheduled to be played,</p>	<p>program segments are scheduled to be played.</p> <p>The mass storage device in the SKYFi is flash memory storage.</p> <p>"Storage Capacity 256 MB internal flash, 32 MB internal RAM, 2 GB MicroSD card (maximum recognizable); Delphi recommends SanDisk brand for maximum performance" <i>(SKYFi3 User Guide, pages: 63)</i></p> <p>The SKYFi 3 supports a plurality of program segment types. Program segments are, for example, songs.</p> <p>"Music file formats MP3, WMA, . . ." <i>(SKYFi3 User Guide, pages: 63)</i></p> <p>The mass storage device, additionally, receives and stores a file of data establishing a sequence in which said program segments are scheduled to be played (a "playlist").</p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the SKYFi 3 is the playlist file. The specific format and contents of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>"Playlists contain a list of songs that are organized to play in a certain sequence. You can add a song to more than one playlist." <i>(SKYFi3 User Guide, pages: 37)</i></p>
14.b	<p>input means for accepting control commands from a user,</p>	<p>The SKYFi 3 has means for accepting control commands from a user. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "input" structure in the SKYFi 3 is the buttons on the front of the device.</p>

		<p>SKYFi3 Controls</p>  <p>The diagram illustrates the controls of the SKYFi3 Player. It shows three views: a top view of the control panel, a front view of the device, and a side view. Labels include: MicroSD Slot, Earbud Jack, Display, Volume, Arrow Keys (for menu navigation), Play/Pause, Mode/Power (for changing modes like Live XM, My Music, Aux, and power on/off), Menu (for main functions like Record, Favorites, Bookmarks, Settings, My Music), and a second Display label (for changing appearance and orientation). A 'Hold' button is also shown for locking controls. The bottom view labels include Power, Main Connector, and USB Connector. A page number '10' is visible in the bottom left of the diagram area.</p> <p>(SKYFi3 User Guide, pages: 10)</p>
14.c	output means for producing audible sounds in response to analog audio signals,	<p>The SKYFi 3 has output means for producing audible sounds in response to analog audio signals. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "output" structure in the SKYFi 3 is the earbuds sold with the device by Sirius. These headphones interface with the 3.5mm audio jack on the SKYFi 3 (labeled "Earbud jack") to produce audible sounds in response to analog audio signals.</p> <p>SKYFi3 Controls</p>

		<p>Controls - SKYFi<sup>®</sup> Player</p> <p>MicroSD Slot</p> <p>Earbud Jack</p> <p>Display</p> <p>Volume</p> <p>Arrow Keys Select menu entries, change channels, slip through songs, change categories, and more...</p> <p>Play/Pause</p> <p>Hold Slide down to lock controls.</p> <p>Mode/Power Press to change modes: Live XM, My Music, Aux. Press &amp; Hold to power on and off.</p> <p>Menu Display the main menu of functions: Record, Favorites, Bookmarks, Settings, My Music.</p> <p>Display Press to change the display appearance. Press &amp; Hold to change from vertical to horizontal orientation.</p> <p>Power</p> <p>Main Connector</p> <p>USB Connector</p> <p>10</p> <p>(SKYFi3 User Guide, pages: 10)</p> <p>"Headphone Type 3.5mm headphone jack" (SKYFi3 User Guide, pages: 63)</p> <p>Sirius also contributorily infringes this claim element when the device is used with any output means, including but not limited to headphones or speakers, not sold with the SKYFi 3 or by Sirius.</p>
14.d	processing means for translating said digitally recorded audio program segments into analog audio signals delivered to said output means for reproducing said recorded	The SKYFi 3 has processing means for translating said digitally recorded audio program segments into analog audio signals delivered to said output means for reproducing said recorded program segments in a form audible to said user. This limitation is governed by 35 U.S.C. § 112, para. 6.

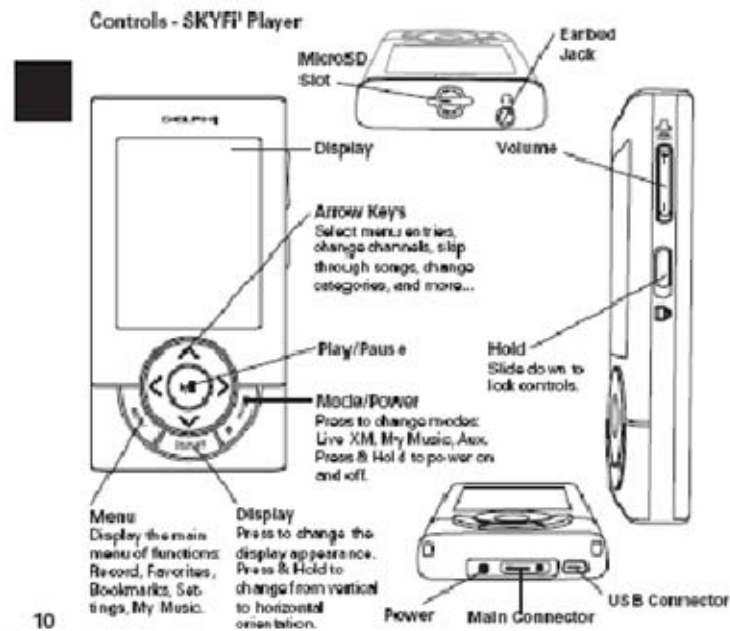


program segments in a form audible to said user,

The "processing" structure in the SKYFi 3 comprises at least a processor programmed with the algorithm for translating said digitally recorded audio program segments into analog audio signals. The structure and source code of the SKYFi 3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).

The analog audio signals, such as a song, are delivered to the output means (earbuds) via the Earbud jack.

### SKYFi3 Controls



(SKYFi3 User Guide, pages: 10)

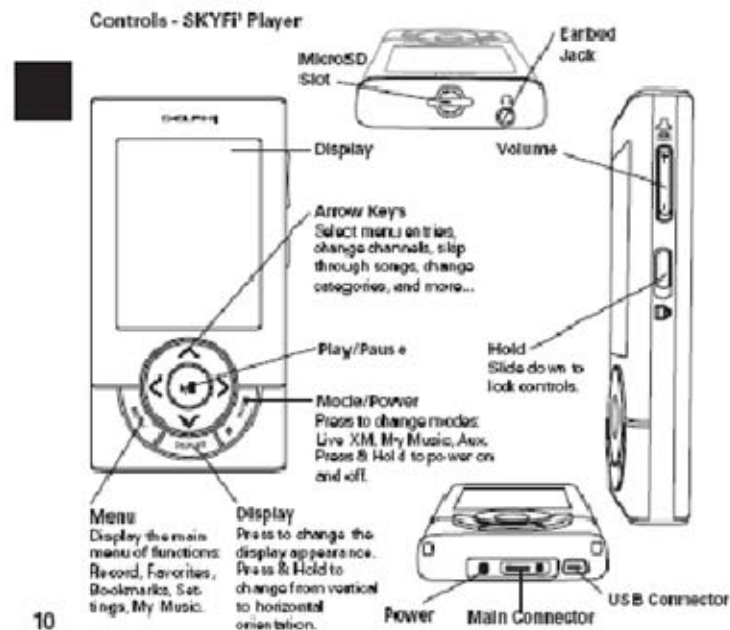
14.e	<p>processing means responsive to a first one of said control commands for discontinuing the translation of the currently playing program segment and instead continuing the translation at the beginning of the next program segment in said sequence, and</p>	<p>The SKYFi 3 has processing means responsive to a first one of said control commands for discontinuing the translation of the currently playing program segment and instead continuing the translation at the beginning of the next program segment in said sequence. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "processing" structure in the SKYFi 3 comprises at least a processor programmed with the algorithm for responding to a skip forward command. The structure and source code of the SKYFi 3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Once a user presses right, the SKYFi 3 discontinues playing the current program segment and begins playing the next program segment in the playlist.</p> <p>SKYFi3 Controls</p>
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		<p>Controls - SKYFi3 Player</p> <p>MicroSD Slot</p> <p>Earbud Jack</p> <p>Display</p> <p>Volume</p> <p>Arrow Keys Select menu entries, change channels, skip through songs, change categories, and more...</p> <p>Play/Pause</p> <p>Mode/Power Press to change modes: Live XM, My Music, Aux. Press &amp; Hold to power on and off.</p> <p>Hold Slide down to lock controls.</p> <p>Menu Display the main menu of functions: Record, Favorites, Bookmarks, Settings, My Music.</p> <p>Display Press to change the display appearance. Press &amp; Hold to change from vertical to horizontal orientation.</p> <p>Power</p> <p>Main Connector</p> <p>USB Connector</p> <p>10</p> <p>(SKYFi3 User Guide, pages: 10)</p> <p>"You can skip forward and backward through your recorded music while listening by pressing the left and right arrow keys to skip to the previous and next song respectively." (SKYFi3 User Guide, pages: 35)</p>
14.f	<p>processing means responsive to a second one of said control command for discontinuing the translation of the currently playing program and instead continuing the translation at the beginning of said currently playing program.</p>	<p>The SKYFi 3 has processing means responsive to a second one of said control command for discontinuing the translation of the currently playing program and instead continuing the translation at the beginning of said currently playing program. This limitation is governed by 35 U.S.C. §112, para. 6</p> <p>The "processing" structure in the SKYFi 3 comprises at least a processor programmed with the algorithm for responding to a skip backward command. The</p>

structure and source code of the SKYFi 3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).

Once a user presses "left", the SKYFi 3 discontinues playing the current program segment and plays that current program segment from the beginning.

### SKYFi3 Controls

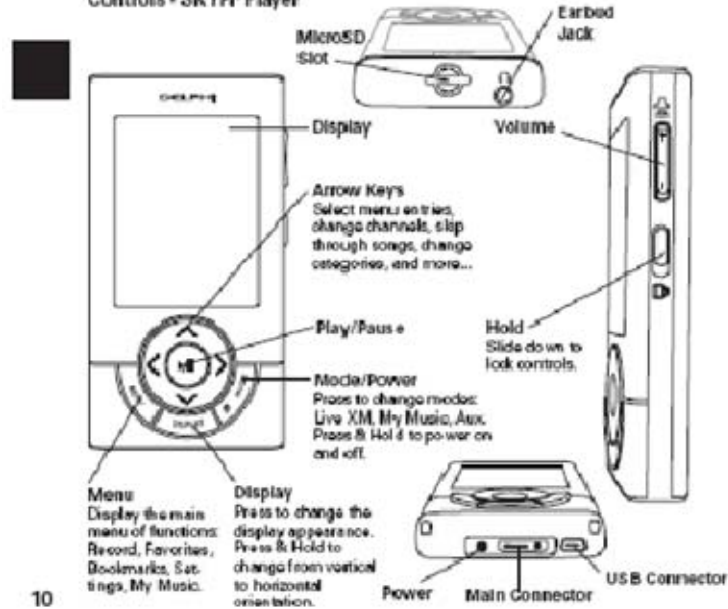


(SKYFi3 User Guide, pages: 10)

"You can skip forward and backward through your recorded music while listening by pressing the left and right arrow keys to skip to the previous and next song respectively." (SKYFi3 User Guide, pages: 35)

15	A programmed digital computer for reproducing audio programs as set forth in claim 14 further comprising	Every claim limitation of claim 14 is present in the SKYFi 3 as described above.
15.a	means responsive to two consecutive ones of said second control commands for discontinuing the translation of the currently playing program and instead continuing the translation at the beginning of a program segment which precedes said currently playing program in said sequence.	<p>The SKYFi 3 has means responsive to the detection of two consecutive ones of said second control commands for discontinuing the translation of the currently playing program and instead continuing the translation at the beginning of a program segment which precedes the currently playing program in said sequence. This limitation is governed by 35 U.S.C. §112, para. 6.</p> <p>The "responsive" structure in the SKYFi 3 comprises at least a processor programmed with the algorithm for responding to two consecutive skip backward commands. The structure and source code of the SKYFi 3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Once a user presses "left" twice, the SKYFi 3 discontinues playing the current program segment and begins playing the program segment which precedes the currently playing program in the sequence.</p> <p>SKYFi3 Controls</p>

Controls - SKYFi Player



10


(SKYFi3 User Guide, pages: 10)

"You can skip forward and backward through your recorded music while listening by pressing the left and right arrow keys to skip to the previous and next song respectively." (SKYFi3 User Guide, pages: 35)

**EXHIBIT D**

**Personal Audio Infringement Contentions U.S. 6,199,076  
Sirius Stiletto**

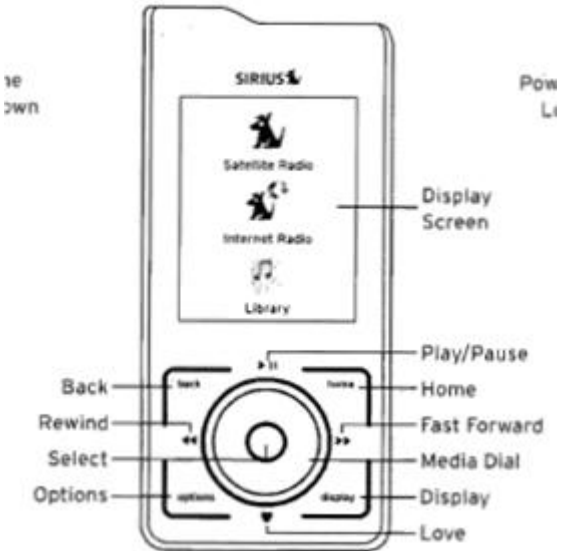
The following sets forth Plaintiff's contentions regarding the manner in which Sirius' Stiletto products infringe U.S. Patent No. 6,199,076. The Plaintiff's contentions are not limited to the exemplar Stiletto 2 product depicted and described herein. Plaintiff contends that all Sirius' Stiletto products, including Stiletto 2 and Stiletto 100, having a structure that is the same in all relevant respects as the exemplar infringe.

	<b>Claim</b>	<b>Infringement Support</b>
1	A player for reproducing selected audio program segments comprising, in combination:	<p>The Stiletto 2 is an audio program player. Songs, audiobooks or portions of audiobooks, and installments of podcasts are examples of audio program segments.</p> <p>Stiletto 2:</p>  <p>"Enjoy SIRIUS radio PLUS your own personal MP3 music library anywhere -- in</p>

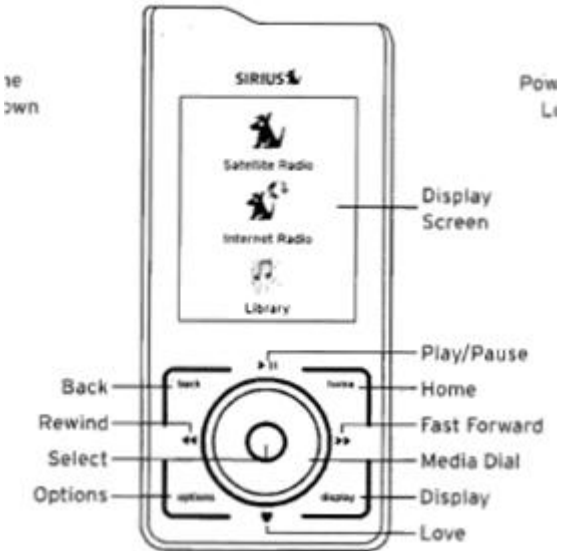
		<p>one compact device ... Store and enjoy your personal MP3 music library with micro SD memory card support." (<i>Stiletto 2 Packaging</i>)</p> <p>"Listen to your stored songs and shows as well as any music you have downloaded from your PC." (<i>Stiletto 2 User Guide</i>)</p>
1.a	means for storing a plurality of program segments, each of said program segments having a beginning and an end,	<p>The Stiletto 2 has means for storing a plurality of program segments, each of said program segments having a beginning and an end. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "storing" structure in the Stiletto 2 is a flash memory drive.</p> <p>"Internal Memory 2 GB...microSD Card Size: up to 8GB." (<i>Stiletto 2 User Guide, pages: 84</i>)</p> <p>The Stiletto 2 supports a plurality of program segment types. Program segments are, for example, songs.</p>
1.b	means for receiving and storing a file of data establishing a sequence in which said program segments are scheduled to be reproduced by said player,	<p>The Stiletto 2 has means for receiving and storing a file of data establishing a sequence in which said program segments are scheduled to be reproduced by the player. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "receiving and storing" structure in the Stiletto 2 is the flash memory drive.</p> <p>"Internal Memory 2 GB...microSD Card Size: up to 8GB." (<i>Stiletto 2 User Guide, pages: 84</i>)</p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the Stiletto 2 is the playlist file. The specific format and contents of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent</p>



		<p>Rule 3-1(g).</p> <p>"Selecting a playlist by pressing Play/Pause will begin playing the content in the playlist. The order of the songs will depend on the type of playlist, and whether shuffle has been chosen." (<i>Stiletto 2 User Guide, pages: 57</i>)</p> <p>"Select playlists for listening, and songs within a playlist ...</p> <ul style="list-style-type: none"> <li>• User playlists are playlists you create on your PC computer and then transfer to the Stiletto 2."</li> </ul> <p>(<i>Stiletto 2 User Guide, pages: 57</i>)</p>
1.c	means for accepting control commands from a user of said player,	<p>The Stiletto 2 has means for accepting control commands from a user. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "accepting" structure in the Stiletto 2 is the media dial and buttons.</p> <p>Stiletto 2 Buttons and Controls</p>

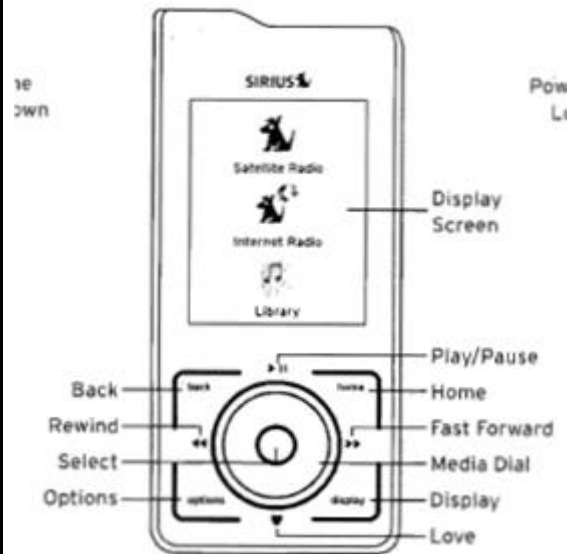
		 <p>(Stiletto 2 User Guide, pages: 13)</p>
1.d	<p>means for continuously reproducing said program segments in the order established by said sequence in the absence of a control command,</p>	<p>The Stiletto 2 has means for continuously reproducing said program segments in the order established by said sequence in the absence of a control command. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "continuously reproducing" structure in the Stiletto 2 comprises at least a processor programmed to continuously reproduce program segments in the absence of a control command. The structure and source code of the Stiletto 2 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Once a user has started listening to a playlist on the Stiletto 2, the device automatically plays the program segment next in line in the playlist after the previous program segment ends. The Stiletto 2 reproduces the program segment in the order established by the playlist without the need for the user to utilize a</p>

		<p>control command. Once a playlist has been selected, no further control command is required for continuously reproducing said program segments in the order established by said sequence.</p> <p>"Selecting a playlist by pressing Play/Pause will begin playing the content in the playlist. The order of the songs will depend on the type of playlist, and whether shuffle has been chosen." (<i>Stiletto 2 User Guide, pages: 57</i>)</p>
1.e	means for detecting a first command indicative of a request to skip forward, and	<p>The Stiletto 2 has means for detecting a first command indicative of a request to skip forward. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "detecting" structure in the Stiletto 2 comprises at least a processor programmed with the algorithm for detecting a skip forward command, as well as the "&gt;&gt;" (fast forward) button and all connections between the two. The structure and source code of the Stiletto 2 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Stiletto 2 Buttons and Controls</p>

		 <p>(Stiletto 2 User Guide, pages: 13)</p>
1.f	<p>means responsive to said first command for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which follows said currently playing program in said sequence.</p>	<p>The Stiletto 2 has means responsive to said first command for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which follows said currently playing program in said sequence. This limitation is governed by 35 U.S.C. §112, para. 6.</p> <p>The "responsive" structure in the Stiletto 2 comprises at least a processor programmed with the algorithm for responding to a skip forward command. The structure and source code of the Stiletto 2 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Once a user presses &gt;&gt; (fast forward), the Stiletto 2 discontinues playing the current program segment and begins playing the next program segment in the</p>

playlist.

### Stiletto 2 Buttons and Controls



*(Stiletto 2 User Guide, pages: 13)*

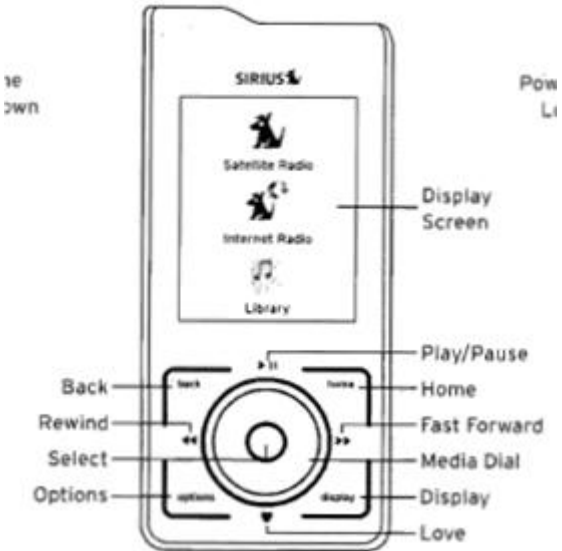
### "Navigating Music

While listening to songs and recordings in the Library, you can pause, fast-forward, or rewind or skip from song-to-song Use **Fast-Forward** and **Rewind** to move through the content: a single press will skip to the end or the beginning of the content, while pressing and holding will move through the content."

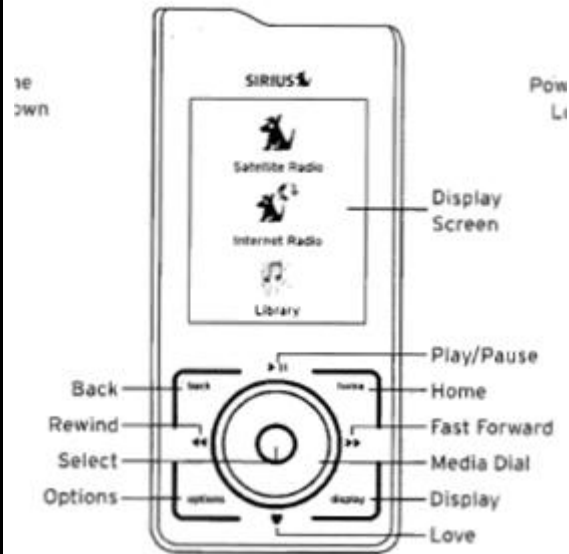
*(Stiletto 2 User Guide, pages: 52)*

### Stiletto 2 Fast-Forward Descriptions

		<table border="1"> <thead> <tr> <th colspan="5">Stiletto 2 Button and Control Descriptions</th> </tr> <tr> <th>Button</th> <th>Action</th> <th>Satellite Radio</th> <th>Internet Radio</th> <th>Replay/Library</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Fast-Forward  ▶▶</td> <td>Press</td> <td>If listening, skips in the replay buffer to the next song or show If in a channel or preset bank, moves through categories or preset banks</td> <td>If listening and muted, resumes playing If in a channel or category list, moves through channel categories</td> <td>Skips to the next song or show</td> </tr> <tr> <td>Hold</td> <td>Fast-Forwards through the replay buffer until live</td> <td></td> <td>Fast-Forwards through song or show</td> </tr> </tbody> </table> <p><i>(Stiletto 2 User Guide, pages: 15)</i></p>	Stiletto 2 Button and Control Descriptions					Button	Action	Satellite Radio	Internet Radio	Replay/Library	Fast-Forward  ▶▶	Press	If listening, skips in the replay buffer to the next song or show If in a channel or preset bank, moves through categories or preset banks	If listening and muted, resumes playing If in a channel or category list, moves through channel categories	Skips to the next song or show	Hold	Fast-Forwards through the replay buffer until live		Fast-Forwards through song or show
Stiletto 2 Button and Control Descriptions																					
Button	Action	Satellite Radio	Internet Radio	Replay/Library																	
Fast-Forward  ▶▶	Press	If listening, skips in the replay buffer to the next song or show If in a channel or preset bank, moves through categories or preset banks	If listening and muted, resumes playing If in a channel or category list, moves through channel categories	Skips to the next song or show																	
	Hold	Fast-Forwards through the replay buffer until live		Fast-Forwards through song or show																	
2	A player as set forth in claim 1 further comprising	Every claim limitation of claim 1 is present in the Stiletto 2 as described above.																			
2.a	means for detecting a second command indicative of a request to skip backward, and	<p>The Stiletto 2 has means for detecting a second command indicative of a request to skip backward. This limitation is governed by 35 U.S.C. § 112, para. 6</p> <p>The "detecting" structure in the Stiletto 2 comprises at least a processor programmed with the algorithm for detecting a skip backward command, as well as the "&lt;&lt;" (rewind) button and all connections between the two. The structure and source code of the Stiletto 2 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Stiletto 2 Buttons and Controls</p>																			

		 <p>(Stiletto 2 User Guide, pages: 13)</p>
2.b	<p>means responsive to a single one of said second commands for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of said currently playing program.</p>	<p>The Stiletto 2 has means responsive to a single one of said second commands for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of said currently playing program. This limitation is governed by 35 U.S.C. §112, para. 6.</p> <p>The "responsive" structure in the Stiletto 2 comprises at least a processor programmed with the algorithm for responding to a skip backward command. The structure and source code of the Stiletto 2 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Once a user presses "&lt;&lt;" (rewind), the Stiletto 2 discontinues playing the current program segment and plays that current program segment from the beginning.</p>

## Stiletto 2 Buttons and Controls



*(Stiletto 2 User Guide, pages: 13)*

### "Navigating Music

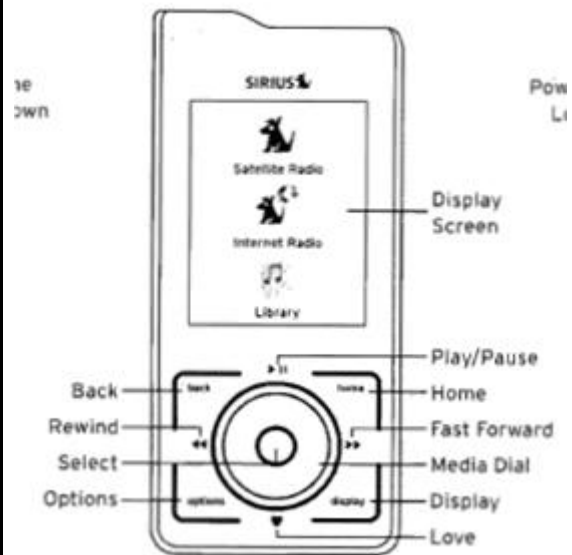
While listening to songs and recordings in the Library, you can pause, fast-forward, or rewind or skip from song-to-song. Use **Fast-Forward** and **Rewind** to move through the content: a single press will skip to the end or the beginning of the content, while pressing and holding will move through the content."

*(Stiletto 2 User Guide, pages: 52)*

### Stiletto 2 Rewind Descriptions



		<table border="1"> <thead> <tr> <th colspan="5">Stiletto 2 Button and Control Descriptions</th> </tr> <tr> <th>Button</th> <th>Action</th> <th>Satellite Radio</th> <th>Internet Radio</th> <th>Replay/Library</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Rewind  ◀◀</td> <td>Press</td> <td>If listening, skips to the previous song or show  If in a channel or preset bank, moves through categories or preset banks</td> <td>If listening and muted, resumes playing  If in a channel or category list, moves through channel categories</td> <td>Skips to the beginning of the song or show</td> </tr> <tr> <td>Hold</td> <td>If listening, rewinds through a broadcast</td> <td></td> <td>Rewinds through song or show</td> </tr> </tbody> </table> <p><i>(Stiletto 2 User Guide, pages: 14)</i></p>	Stiletto 2 Button and Control Descriptions					Button	Action	Satellite Radio	Internet Radio	Replay/Library	Rewind  ◀◀	Press	If listening, skips to the previous song or show  If in a channel or preset bank, moves through categories or preset banks	If listening and muted, resumes playing  If in a channel or category list, moves through channel categories	Skips to the beginning of the song or show	Hold	If listening, rewinds through a broadcast		Rewinds through song or show
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	Hold	If listening, rewinds through a broadcast		Rewinds through song or show																	
3	A player as set forth in claim 2 further comprising	Every claim limitation of claim 2 is present in the Stiletto 2 as described above.																			
3.a	means responsive to the detection of two consecutive ones of said second commands for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which precedes the currently playing program segment.	<p>The Stiletto 2 has means responsive to the detection of two consecutive ones of said second control commands for discontinuing the reproduction of the currently playing program and instead continuing the translation at the beginning of a program segment which precedes the currently playing program in said sequence. This limitation is governed by 35 U.S.C. §112, para. 6.</p> <p>The "responsive" structure in the Stiletto 2 comprises at least a processor programmed with the algorithm for responding to two consecutive skip backward commands. The structure and source code of the Stiletto 2 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Once a user presses "&lt;&lt;" (rewind) twice consecutively, the Stiletto 2 discontinues playing the current program segment and begins playing the program segment which precedes the currently playing program in the sequence.</p> <p>Stiletto 2 Buttons and Controls</p>																			




(Stiletto 2 User Guide, pages: 13)

### Stiletto 2 Rewind Descriptions

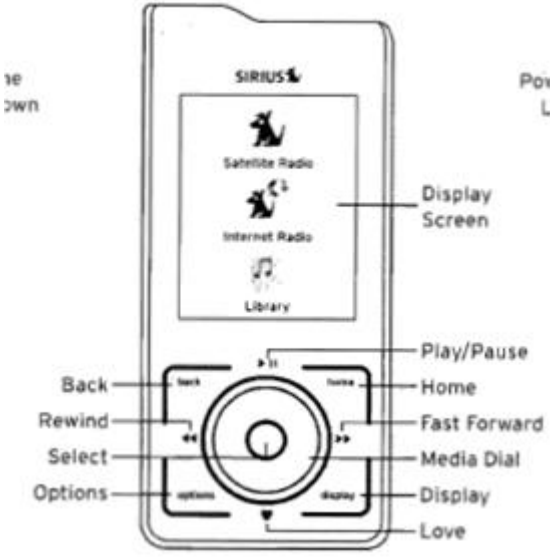
Stiletto 2 Button and Control Descriptions				
Button	Action	Satellite Radio	Internet Radio	Replay/Library
Rewind  ◀◀	Press	If listening, skips to the previous song or show  If in a channel or preset bank, moves through categories or preset banks	If listening and muted, resumes playing  If in a channel or category list, moves through channel categories	Skips to the beginning of the song or show
	Hold	If listening, rewinds through a broadcast		Rewinds through song or show


(Stiletto 2 User Guide, pages: 14)

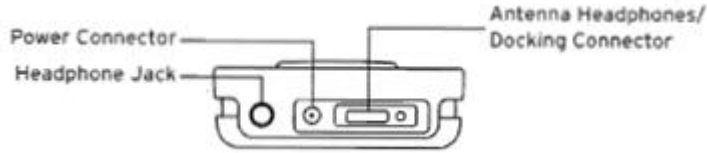
5	A player as set forth in claim 1	Every claim limitation of claim 1 is present in the Stiletto 2 as described above.
5.a	including editing means for modifying said data establishing said sequence.	<p>The Stiletto 2 includes editing means for modifying said data establishing said sequence. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "editing" structure comprises at least a processor programmed with the algorithm for modifying the data establishing the sequence. The structure and source code of the Stiletto 2 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>While viewing a playlist on the Stiletto 2, a user can select a song using the media dial and press the "options" button. The Stiletto 2 will then allow the user to delete a song from the playlist.</p>
14	A programmed digital computer for reproducing audio programs, said computer comprising, in combination:	<p>The Stiletto 2 is a programmed digital computer for reproducing audio programs. Songs, audiobooks or portions of audiobooks, and installments of podcasts are examples of audio program segments.</p> <p>Stiletto 2:</p>

		 <p>"Stiletto 2 gives you powerful features. Like the ability to save up to 100 hours of songs and shows. It can also download and play MP3 &amp; WMA files you already own." (<i>Stiletto 2 User Guide, pages: ii</i>)</p> <p>"Listen to your stored songs and shows as well as any music you have downloaded from your PC." (<i>Stiletto 2 User Guide</i>)</p>
14.a	<p>a mass storage device for storing a plurality of digitally recorded audio program segments, each of said segments having a beginning and an end, and further receiving and storing a file of data establishing a sequence in which said program segments are scheduled to be played,</p>	<p>The Stiletto 2 has a mass storage device for storing a plurality of digitally recorded audio program segments, each of the segments having a beginning and an end, and further receiving and storing a file of data establishing a sequence in which said program segments are scheduled to be played.</p> <p>The mass storage device in the Stiletto 2 is flash memory storage.</p> <p>"Internal Memory 2 GB...microSD Card Size: up to 8GB." (<i>Stiletto 2 User Guide, pages: 84</i>)</p> <p>"The Stiletto 2 has 2GB of internal memory. This is sufficient to store up to 100</p>

		<p>hours of SIRIUS recordings or a combination of SIRIUS content and up to 800 MB of MP3/WMA files." (<i>Stiletto 2 User Guide, pages: 11</i>)</p> <p>The Stiletto 2 supports a plurality of program segment types. Program segments are, for example, songs.</p> <p>"Schedule and record up to 100 hours of your favorite music, shows, or programs." (<i>Stiletto 2 Packaging</i>)</p> <p>"The Stiletto 2 can store and play MP3 or WMA files from your personal Library, and purchased or subscription content from most Windows Media (WMA) based online music sites." (<i>Stiletto 2 User Guide, pages: 59</i>)</p> <p>The mass storage device, additionally, receives and stores a file of data establishing a sequence in which said program segments are scheduled to be played (a "playlist").</p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the Stiletto 2 is the playlist file. The specific format and contents of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>"Select playlists for listening, and songs within a playlist ...</p> <ul style="list-style-type: none"> <li>• User playlists are playlists you create on your PC computer and then transfer to the Stiletto 2."</li> </ul> <p>(<i>Stiletto 2 User Guide, pages: 57</i>)</p>
14.b	input means for accepting control commands from a user,	The Stiletto 2 has means for accepting control commands from a user. This limitation is governed by 35 U.S.C. § 112, para. 6.

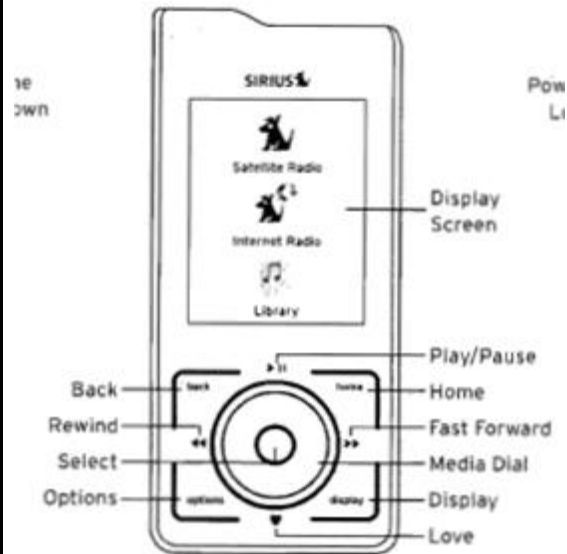
		<p>The "input" structure in the iPhone is the media dial and buttons on the front of the device.</p> <p>Stiletto 2 Buttons and Controls</p>  <p>(Stiletto 2 User Guide, pages: 13)</p>
14.c	output means for producing audible sounds in response to analog audio signals,	<p>The Stiletto 2 has output means for producing audible sounds in response to analog audio signals. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "output" structure in the Stiletto 2 is the headphones sold with the device by Sirius. These headphones interface with the 3.5mm audio jack on the Stiletto 2 (labeled "Headphone jack") to produce audible sounds in response to analog audio signals.</p>

		<p>Headphones and Ear Buds</p>  <p>Antenna Headphones      Ear Buds &amp; Pads</p> <p><i>(Stiletto 2 User Guide, pages: 7)</i></p> <p><b>"Audio Interface -- 1/8" / 3.5 mm Stereo Jack Headphone Output -- 20mW @ 16 ohms"</b> <i>(Stiletto 2 User Guide, pages: 84)</i></p> <p>Sirius also contributorily infringes this claim element when the device is used with any output means, including but not limited to headphones or speakers, not sold with the Stiletto 2 or by Sirius.</p>
14.d	processing means for translating said digitally recorded audio program segments into analog audio signals delivered to said output means for reproducing said recorded program segments in a form audible to said user,	<p>The Stiletto 2 has processing means for translating said digitally recorded audio program segments into analog audio signals delivered to said output means for reproducing said recorded program segments in a form audible to said user. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "processing" structure in the Stiletto 2 comprises at least a processor programmed with the algorithm for translating said digitally recorded audio</p>

		<p>program segments into analog audio signals. The structure and source code of the Stiletto 2 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>The analog audio signals are delivered to the output means (headphones) via the "Headphone Jack."</p> <p>Bottom view of Stiletto 2</p>  <p>(<i>Stiletto 2 User Guide, pages: 13</i>)</p>
14.e	processing means responsive to a first one of said control commands for discontinuing the translation of the currently playing program segment and instead continuing the translation at the beginning of the next program segment in said sequence, and	<p>The Stiletto 2 has processing means responsive to a first one of said control commands for discontinuing the translation of the currently playing program segment and instead continuing the translation at the beginning of the next program segment in said sequence. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "processing" structure in the Stiletto 2 comprises at least a processor programmed with the algorithm for responding to a skip forward command. The structure and source code of the Stiletto 2 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Once a user presses &gt;&gt; (fast forward), the Stiletto 2 discontinues playing the current program segment and begins playing the next program segment in the playlist.</p>



## Stiletto 2 Buttons and Controls



*(Stiletto 2 User Guide, pages: 13)*

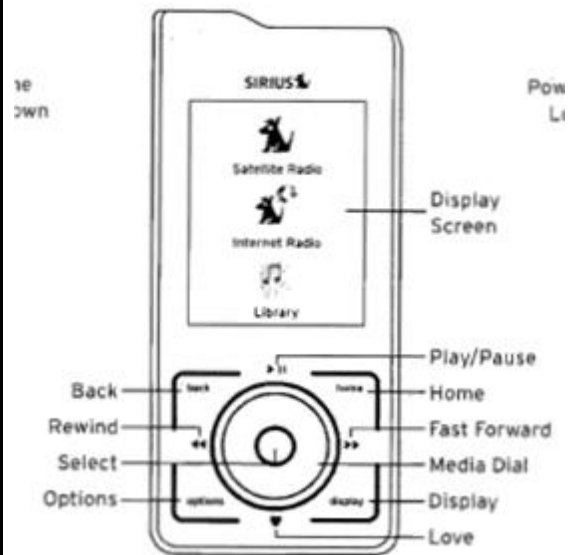
### "Navigating Music

While listening to songs and recordings in the Library, you can pause, fast-forward, or rewind or skip from song-to-song. Use **Fast-Forward** and **Rewind** to move through the content: a single press will skip to the end or the beginning of the content, while pressing and holding will move through the content."

*(Stiletto 2 User Guide, pages: 52)*

### Stiletto 2 Fast-Forward Descriptions

		<table border="1"> <thead> <tr> <th colspan="5">Stiletto 2 Button and Control Descriptions</th> </tr> <tr> <th>Button</th> <th>Action</th> <th>Satellite Radio</th> <th>Internet Radio</th> <th>Replay/Library</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Fast-Forward  ▶▶</td> <td>Press</td> <td>If listening, skips in the replay buffer to the next song or show If in a channel or preset bank, moves through categories or preset banks</td> <td>If listening and muted, resumes playing If in a channel or category list, moves through channel categories</td> <td>Skips to the next song or show</td> </tr> <tr> <td>Hold</td> <td>Fast-Forwards through the replay buffer until live</td> <td></td> <td>Fast-Forwards through song or show</td> </tr> </tbody> </table> <p><i>(Stiletto 2 User Guide, pages: 15)</i></p>	Stiletto 2 Button and Control Descriptions					Button	Action	Satellite Radio	Internet Radio	Replay/Library	Fast-Forward  ▶▶	Press	If listening, skips in the replay buffer to the next song or show If in a channel or preset bank, moves through categories or preset banks	If listening and muted, resumes playing If in a channel or category list, moves through channel categories	Skips to the next song or show	Hold	Fast-Forwards through the replay buffer until live		Fast-Forwards through song or show
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	Hold	Fast-Forwards through the replay buffer until live		Fast-Forwards through song or show																	
14.f	<p>processing means responsive to a second one of said control command for discontinuing the translation of the currently playing program and instead continuing the translation at the beginning of said currently playing program.</p>	<p>The Stiletto 2 has processing means responsive to a second one of said control command for discontinuing the translation of the currently playing program and instead continuing the translation at the beginning of said currently playing program. This limitation is governed by 35 U.S.C. §112, para. 6</p> <p>Once a user presses "&lt;&lt;" (rewind), the Stiletto 2 discontinues playing the current program segment and plays that current program segment from the beginning.</p> <p>The "processing" structure in the Stiletto 2 comprises at least a processor programmed with the algorithm for responding to a skip backward command. The structure and source code of the Stiletto 2 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Stiletto 2 Buttons and Controls</p>																			



*(Stiletto 2 User Guide, pages: 13)*

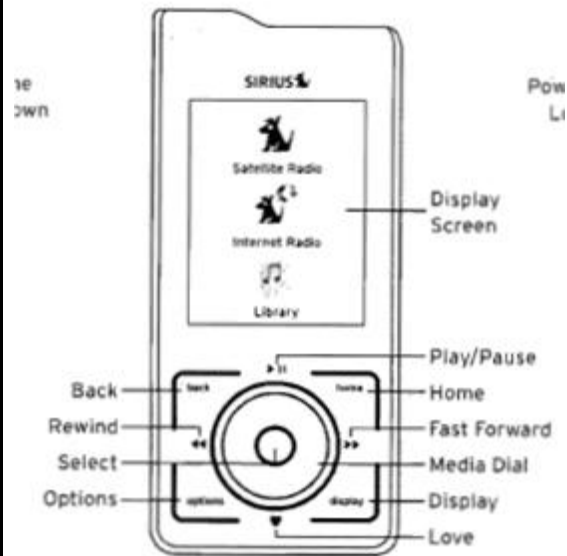
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While listening to songs and recordings in the Library, you can pause, fast-forward, or rewind or skip from song-to-song Use **Fast-Forward** and **Rewind** to move through the content: a single press will skip to the end or the beginning of the content, while pressing and holding will move through the content."

*(Stiletto 2 User Guide, pages: 52)*

Stiletto 2 Rewind Descriptions

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	Hold	If listening, rewinds through a broadcast		Rewinds through song or show																	
15	A programmed digital computer for reproducing audio programs as set forth in claim 14 further comprising	Every claim limitation of claim 14 is present in the Stiletto 2 as described above.																			
15.a	means responsive to two consecutive ones of said second control commands for discontinuing the translation of the currently playing program and instead continuing the translation at the beginning of a program segment which precedes said currently playing program in said sequence.	<p>The Stiletto 2 has means responsive to the detection of two consecutive ones of said second control commands for discontinuing the translation of the currently playing program and instead continuing the translation at the beginning of a program segment which precedes the currently playing program in said sequence. This limitation is governed by 35 U.S.C. §112, para. 6.</p> <p>The "responsive" structure in the Stiletto 2 comprises at least a processor programmed with the algorithm for responding to two consecutive skip backward commands. The structure and source code of the Stiletto 2 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Once a user presses "&lt;&lt;" (rewind) twice, the Stiletto 2 discontinues playing the current program segment and begins playing the program segment which precedes the currently playing program in the sequence.</p> <p>Stiletto 2 Buttons and Controls</p>																			



(Stiletto 2 User Guide, pages: 13)

### Stiletto 2 Rewind Descriptions

Stiletto 2 Button and Control Descriptions				
Button	Action	Satellite Radio	Internet Radio	Replay/Library
Rewind  ◀◀	Press	If listening, skips to the previous song or show  If in a channel or preset bank, moves through categories or preset banks	If listening and muted, resumes playing  If in a channel or category list, moves through channel categories	Skips to the beginning of the song or show
	Hold	If listening, rewinds through a broadcast		Rewinds through song or show

(Stiletto 2 User Guide, pages: 14)

**EXHIBIT E**

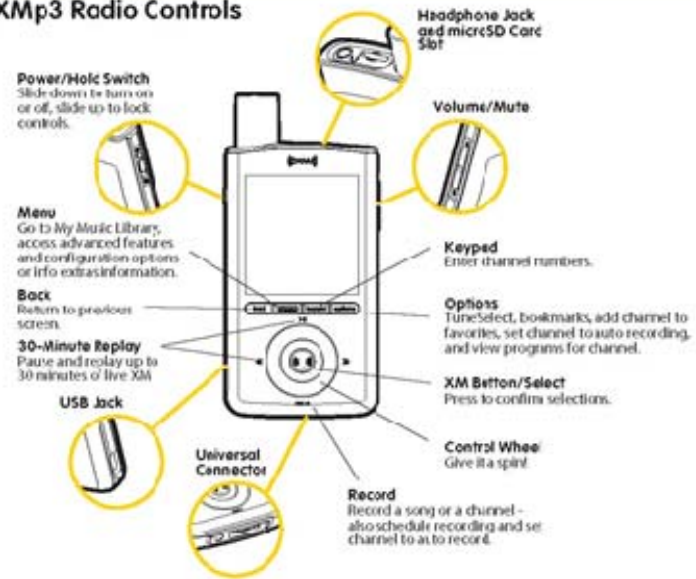
**Personal Audio Infringement Contentions for U.S. 6,199,076  
Sirius XMp3**

The following sets forth Plaintiff's contentions regarding the manner in which the Sirius' XMp3 product infringes U.S. Patent No. 6,199,076.

	<b>Claim</b>	<b>Infringement Support</b>
1	A player for reproducing selected audio program segments comprising, in combination:	The XMp3 is a player for reproducing selected audio program segments. Songs, audiobooks or portions of audiobooks, and installments of podcasts are examples of audio program segments.  XMP3 Controls

## Introduction

### XMp3 Radio Controls



14

*(XMp3 User Guide, pages: 14)*


- "Upload MP3 files, WMA tracks, and Audible.com books from your PC. Manage your collection and playlists with the XM2go Music Manager software.
- Store MP3 or WMA files on a removable microSD memory card (sold separately)."

*(XMp3 User Guide, pages: 5)*

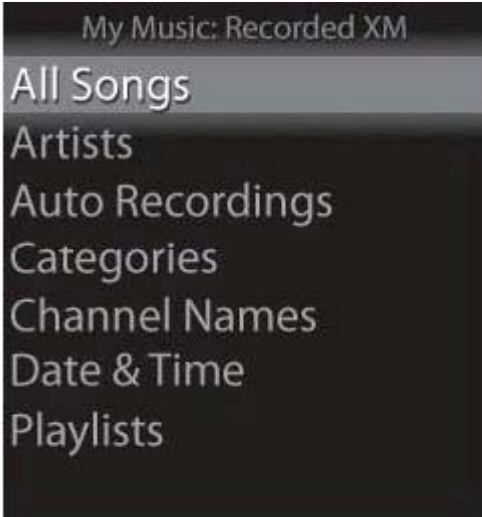
1.a	means for storing a plurality of program segments, each of said program segments having a beginning and an end,	<p>The XMp3 has means for storing a plurality of program segments, each of said program segments having a beginning and an end. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "storing" structure in the XMp3 is internal memory and microSD flash memory card.</p> <p><b>"Storage Capacity</b>  Internal: 2GB  Removable memory: Type: microSD™ Card Size: up to 8 GB"  <i>(XMp3 User Guide, pages: 69)</i></p> <p>The XMp3 supports a plurality of program segment types. Program segments are, for example, songs.</p> <p>"Music File Formats  MP3 and WMA fixed bitrates: 32, 48, 64, 96, 128, 160, 192, 256,320 kbps  MP3 and WMA variable bitrates: 64-128, 128-256, 160-320 kbps" <i>(XMp3 User Guide, pages: 69)</i></p>
1.b	means for receiving and storing a file of data establishing a sequence in which said program segments are scheduled to be reproduced by said player,	<p>The XMp3 has means for receiving and storing a file of data establishing a sequence in which said program segments are scheduled to be reproduced by the player. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "receiving and storing" structure in the XMp3 is the internal memory and flash memory microSD card</p> <p><b>"Storage Capacity</b>  Internal: 2GB  Removable memory: Type: microSD™ Card Size: up to 8 GB"  <i>(XMp3 User Guide, pages: 69)</i></p>

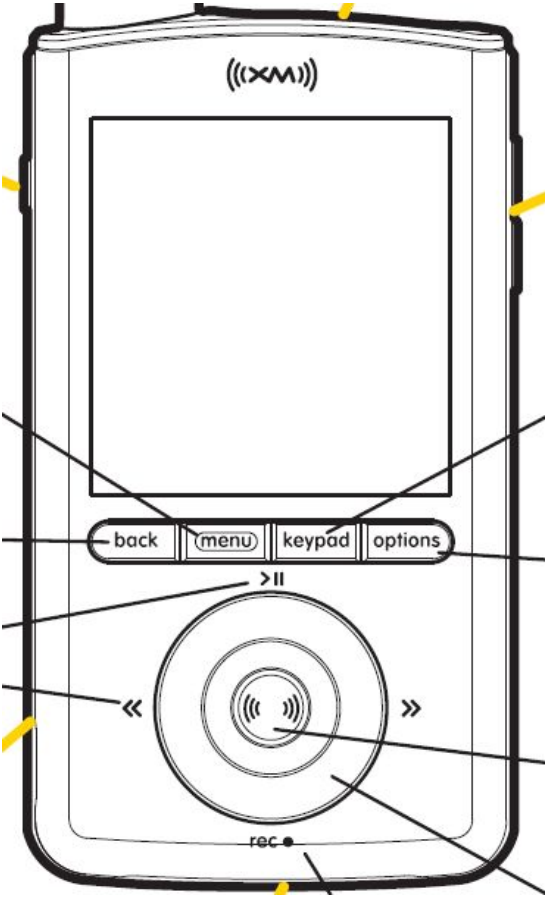


		<p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the XMp3 is the playlist file. The specific format and contents of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>"You can create one or more custom lists, called playlists. A playlist is simply a collection of recorded tracks that play in a certain order. Create a "morning commute" playlist, a "workout" playlist, a "best of" playlist, and more. And yes, the same song can appear on more than one playlist.</p> <ol style="list-style-type: none"> <li>1. While listening to recorded XM or MP3/WMA files, select options → Add to Playlist.</li> <li>2. Choose to add the song to an existing playlist or to a new playlist. To create a new playlist, select New Playlist. You will see an alphabetic keyboard that allows you to spell the name of the playlist."</li> </ol> <p><i>(XMp3 User Guide, pages: 37)</i></p>
1.c	means for accepting control commands from a user of said player,	<p>The XMp3 has means for accepting control commands from a user. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "accepting" structure in the XMp3 is the control wheel and buttons on the front of the device.</p> <p>XMP3 Controls</p>

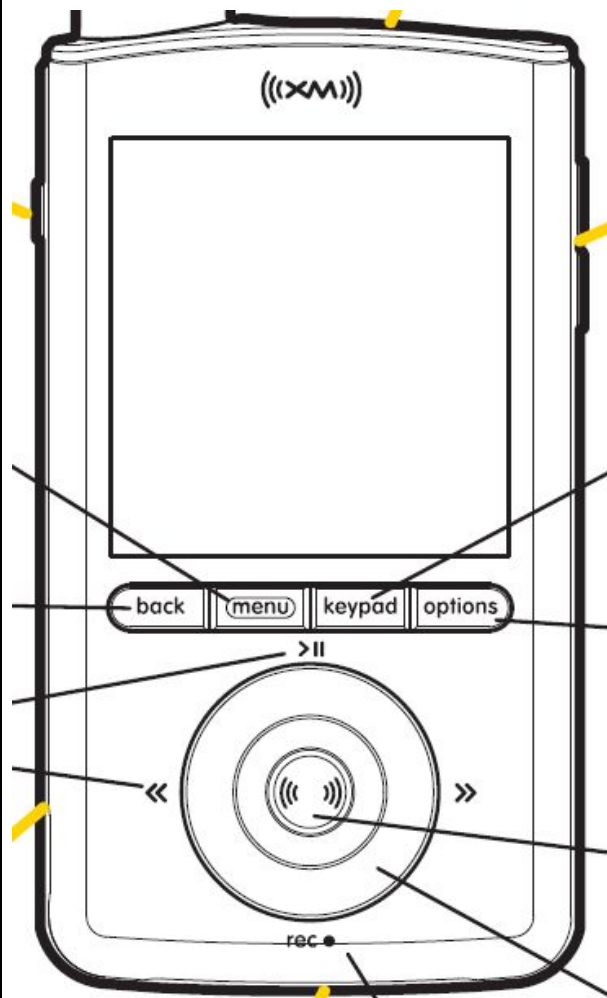
		<div> <h2 style="background-color: black; color: white; padding: 5px;">Introduction</h2> <h3 style="color: black;">XMp3 Radio Controls</h3>  <p><b>Power/Hold Switch</b> Slide down to turn on or off, slide up to lock controls.</p> <p><b>Menu</b> Go to My Music Library, access advanced features and configuration options or info extra information.</p> <p><b>Back</b> Return to previous screen.</p> <p><b>30-Minute Replay</b> Pause and replay up to 30 minutes of live XM.</p> <p><b>USB Jack</b></p> <p><b>Universal Connector</b></p> <p><b>Headphone Jack and microSD Card Slot</b></p> <p><b>Volume/Mute</b></p> <p><b>Keypad</b> Enter channel numbers.</p> <p><b>Options</b> TuneSelect, bookmarks, add channel to favorites, set channel to auto recording, and view programs for channel.</p> <p><b>XM Button/Select</b> Press to confirm selections.</p> <p><b>Control Wheel</b> Give it a spin!</p> <p><b>Record</b> Record a song or a channel - also schedule recording and set channel to auto record.</p> <p style="text-align: center;"><b>14</b></p> </div> <p><i>(XMp3 User Guide, pages: 14)</i></p>
1.d	means for continuously reproducing said program segments in the order established by said sequence in the absence of a control command,	<p>The XMp3 has means for continuously reproducing said program segments in the order established by said sequence in the absence of a control command. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "continuously reproducing" structure in the XMp3 comprises at least a processor programmed to continuously reproduce program segments in the absence of a control command. The structure and source code of the XMp3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p>

		<p>Once a user has started listening to a playlist on the XMp3, the device automatically plays the program segment next in line in the playlist after the previous program segment ends. The XMp3 reproduces the program segment in the order established by the playlist without the need for the user to utilize a control command. Once a playlist has been selected, no further control command is required for continuously reproducing said program segments in the order established by said sequence.</p> <p>The XMp3 can be set to play songs in order.</p> <p>"You can create one or more custom lists, called playlists. A playlist is simply a collection of recorded tracks that play in a certain order. Create a "morning commute" playlist, a "workout" playlist, a "best of" playlist, and more. And yes, the same song can appear on more than one playlist.</p> <ol style="list-style-type: none"><li>1. While listening to recorded XM or MP3/WMA files, select options → Add to Playlist.</li><li>2. Choose to add the song to an existing playlist or to a new playlist. To create a new playlist, select New Playlist. You will see an alphabetic keyboard that allows you to spell the name of the playlist."</li></ol> <p><i>(XMp3 User Guide, pages: 37)</i></p> <p><b>"Listening to Recorded Content</b></p> <p>Recorded XM, MP3 and WMA files, audiobooks — they're all in one place.</p> <ol style="list-style-type: none"><li>1. Select menu → My Music Library.</li><li>2. Choose Recorded XM, MP3s and WMAs, or My Books.</li><li>3. If you choose Recorded XM, you'll see this screen:</li></ol>
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		 <p style="text-align: center;">"</p> <p style="text-align: center;"><i>(XMp3 User Guide, pages: 34)</i></p>
1.e	means for detecting a first command indicative of a request to skip forward, and	<p>The XMp3 has means for detecting a first command indicative of a request to skip forward. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "detecting" structure in the XMp3 comprises at least a processor programmed with the algorithm for detecting a skip forward command, as well as the "&gt;&gt;" (fast forward) button and all connections between the two. The structure and source code of the XMp3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p>

		 <p>(XMp3 User Guide, pages: 14)</p> <p>"Turn the wheel to see a list of songs that you missed, from newest to oldest. Press the &lt;&lt; or &gt;&gt; buttons to skip to the previous or next song in the list. You can also press and hold the &lt;&lt; or &gt;&gt; buttons to rewind or fast-forward through individual songs." (XMp3 User Guide, pages: 31)</p>
1.f	means responsive to said first command for	The XMp3 has means responsive to said first command for discontinuing the

	<p>discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which follows said currently playing program in said sequence.</p>	<p>reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which follows said currently playing program in said sequence. This limitation is governed by 35 U.S.C. §112, para. 6.</p> <p>The "responsive" structure in the XMp3 comprises at least a processor programmed with the algorithm for responding to a skip forward command. The structure and source code of the XMp3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Once a user presses &gt;&gt; (fast forward), the XMp3 discontinues playing the current program segment and begins playing the next program segment in the playlist.</p>
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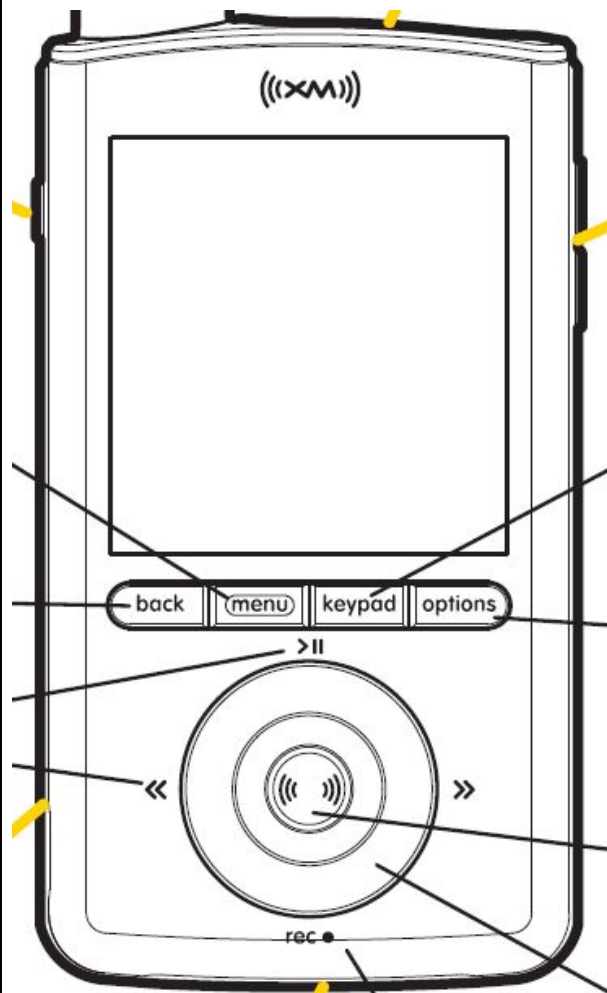


*(XMp3 User Guide, pages: 14)*

"Turn the wheel to see a list of songs that you missed, from newest to oldest. Press the << or >> buttons to skip to the previous or next song in the list. You can also press and hold the << or >> buttons to rewind or fast-forward through individual songs." *(XMp3 User Guide, pages: 31)*

2	A player as set forth in claim 1 further comprising	Every claim limitation of claim 1 is present in the XMp3 as described above.
2.a	means for detecting a second command indicative of a request to skip backward, and	<p>The XMp3 has means for detecting a second command indicative of a request to skip backward. This limitation is governed by 35 U.S.C. § 112, para. 6</p> <p>The "detecting" structure in the XMp3 comprises at least a processor programmed with the algorithm for detecting a skip backward command, as well as the "&lt;&lt;" (rewind) button and all connections between the two. The structure and source code of the XMp3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p>

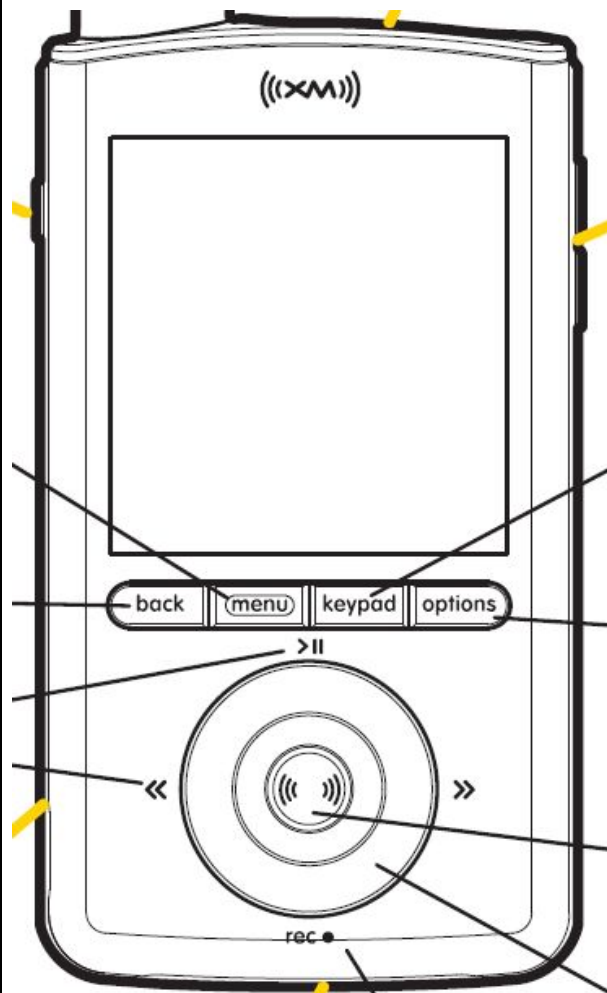




*(XMp3 User Guide, pages: 14)*

"Turn the wheel to see a list of songs that you missed, from newest to oldest. Press the << or >> buttons to skip to the previous or next song in the list. You can also press and hold the << or >> buttons to rewind or fast-forward through individual songs." *(XMp3 User Guide, pages: 31)*

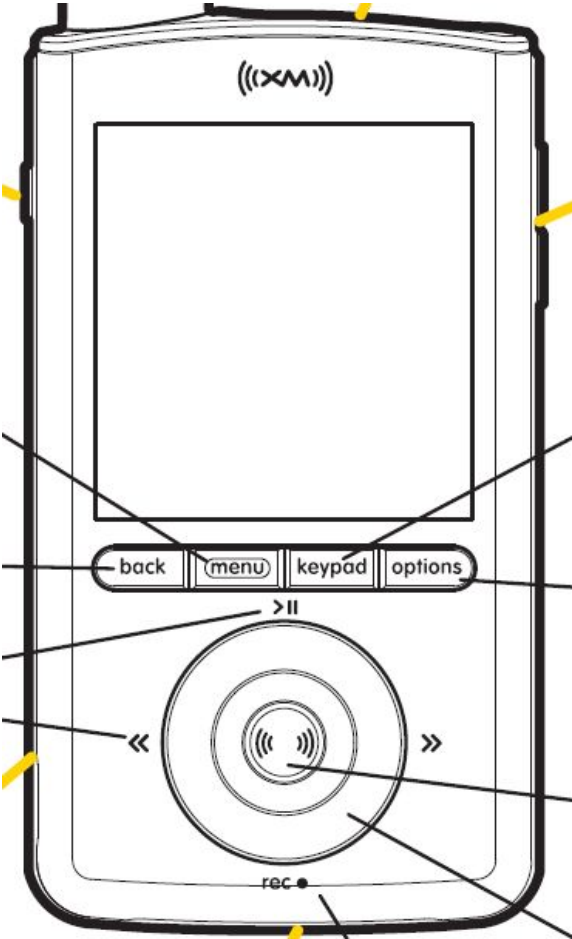
2.b	<p>means responsive to a single one of said second commands for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of said currently playing program.</p>	<p>The XMp3 has means responsive to a single one of said second commands for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of said currently playing program. This limitation is governed by 35 U.S.C. §112, para. 6.</p> <p>The "responsive" structure in the XMp3 comprises at least a processor programmed with the algorithm for responding to a skip backward command. The structure and source code of the XMp3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Once a user presses "&lt;&lt;" (rewind), the XMp3 discontinues playing the current program segment and plays that current program segment from the beginning.</p>




*(XMp3 User Guide, pages: 14)*

"To repeat the song you just heard or the song you are currently listening to press << If More than 5 seconds into the next song press << twice" *(XMp3 User Guide, pages: 31)*

3	A player as set forth in claim 2 further comprising	Every claim limitation of claim 2 is present in the XMp3 as described above.
3.a	means responsive to the detection of two consecutive ones of said second commands for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which precedes the currently playing program segment.	<p>The XMp3 has means responsive to the detection of two consecutive ones of said second control commands for discontinuing the reproduction of the currently playing program and instead continuing the translation at the beginning of a program segment which precedes the currently playing program in said sequence. This limitation is governed by 35 U.S.C. §112, para. 6.</p> <p>The "responsive" structure in the XMp3 comprises at least a processor programmed with the algorithm for responding to two consecutive skip backward commands. The structure and source code of the XMp3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Once a user presses "&lt;&lt;" (rewind) twice, the XMp3 discontinues playing the current program segment and begins playing the program segment which precedes the currently playing program in the sequence.</p>

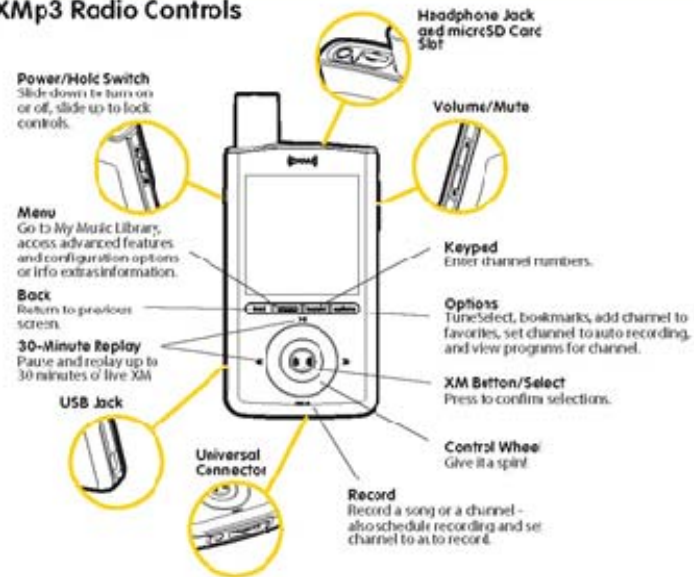
		 <p>The diagram shows a front view of an XMp3 player. At the top, there is an XM logo. Below it is a large rectangular screen. Underneath the screen is a control bar with four buttons labeled 'back', 'menu', 'keypad', and 'options'. Below the control bar is a circular navigation pad with a central button and four directional arrows: '&gt;  ' (top), '&lt;&lt;' (left), '&gt;&gt;' (right), and '&lt;&lt;&gt;&gt;' (bottom). At the very bottom of the device is a small 'rec' indicator with a dot. Several yellow arrows point to the top, bottom, and side edges of the device. Black lines with dots at the end point to the screen, the control bar, the navigation pad, and the 'rec' indicator.</p> <p><i>(XMp3 User Guide, pages: 14)</i></p> <p>"To repeat the song you just heard or the song you are currently listening to press &lt;&lt; If More than 5 seconds into the next song press &lt;&lt; twice" <i>(XMp3 User Guide, pages: 31)</i></p>
4	A player as set forth in claim 1	Every claim limitation of claim 1 is present in the XMp3 as described above.

4.a	<p>wherein said sequence established by said data forms an endless circular sequence of program segments.</p>	<p>Once a user selects Repeat Mode, the playlist plays in an endless circular sequence.</p> <p>In the XMp3, the sequence established by said data forms an endless circular sequence of program segments.</p> <p>"As you listen to recorded music or audiobooks, try pressing options. Depending on the type of content, you will find options to add the songs or artist to your TuneSelect list (XM content only), repeat songs, shuffle songs, add them to playlists, or see more information about the track (if available)." (<i>XMp3 User Guide, pages: 35</i>)</p>  <p>(<i>XMp3 User Guide, pages: 16</i>)</p>
5	A player as set forth in claim 1	Every claim limitation of claim 1 is present in the XMp3 as described above.
5.a	including editing means for modifying said data establishing said sequence.	<p>The XMp3 includes editing means for modifying said data establishing said sequence. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "editing" structure comprises at least a processor programmed with the algorithm for modifying the data establishing the sequence. The structure and source code of the XMp3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p>

		<p>“The user can modify playlists by adding and removing songs from playlists using the buttons.</p> <ol style="list-style-type: none"> <li>1. While listening to recorded XM or MP3/WMA files, select options → Add to Playlist.</li> <li>2. Choose to add the song to an existing playlist or to a new playlist.”</li> </ol> <p><i>(XMp3 User Guide, pages: 37)</i></p>
14	A programmed digital computer for reproducing audio programs, said computer comprising, in combination:	<p>The XMp3 is a programmed digital computer for reproducing audio programs. Songs, audiobooks or portions of audiobooks, and installments of podcasts are examples of audio program segments.</p> <p>XMP3 Controls</p>

## Introduction

### XMp3 Radio Controls



14

*(XMp3 User Guide, pages: 14)*


- "Upload MP3 files, WMA tracks, and Audible.com books from your PC. Manage your collection and playlists with the XM2go Music Manager software.
- Store MP3 or WMA files on a removable microSD memory card (sold separately)."

*(XMp3 User Guide, pages: 5)*



14.a	<p>a mass storage device for storing a plurality of digitally recorded audio program segments, each of said segments having a beginning and an end, and further receiving and storing a file of data establishing a sequence in which said program segments are scheduled to be played,</p>	<p>The XMp3 has a mass storage device for storing a plurality of digitally recorded audio program segments, each of the segments having a beginning and an end, and further receiving and storing a file of data establishing a sequence in which said program segments are scheduled to be played.</p> <p>The mass storage device in the XMp3 is internal memory and microSD flash memory card.</p> <p><b>"Storage Capacity</b>  Internal: 2GB  Removable memory: Type: microSD™ Card Size: up to 8 GB"  <i>(XMp3 User Guide, pages: 69)</i></p> <p>The XMp3 supports a plurality of program segment types. Program segments are, for example, songs.</p> <p><b>"Music File Formats</b>  MP3 and WMA fixed bitrates: 32, 48, 64, 96, 128, 160, 192, 256,320 kbps  MP3 and WMA variable bitrates: 64-128, 128-256, 160-320 kbps" <i>(XMp3 User Guide, pages: 69)</i></p> <p>The mass storage device, additionally, receives and stores a file of data establishing a sequence in which said program segments are scheduled to be played (a "playlist").</p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the XMp3 is the playlist file. The specific format and contents of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>"You can create one or more custom lists, called playlists. A playlist is simply a collection of recorded tracks that play in a certain order. Create a "morning</p>
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		<p>commute" playlist, a "workout" playlist, a "best of" playlist, and more. And yes, the same song can appear on more than one playlist.</p> <ol style="list-style-type: none"> <li>1. While listening to recorded XM or MP3/WMA files, select options → Add to Playlist.</li> <li>2. Choose to add the song to an existing playlist or to a new playlist. To create a new playlist, select New Playlist. You will see an alphabetic keyboard that allows you to spell the name of the playlist."</li> </ol> <p><i>(XMp3 User Guide, pages: 37)</i></p>
14.b	input means for accepting control commands from a user,	<p>The XMp3 has means for accepting control commands from a user. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "input" structure in the XMp3 is the Control Wheel and buttons.</p> <p>XMP3 Controls</p>

		<div> <h2 style="background-color: black; color: white; padding: 5px;">Introduction</h2> <h3 style="color: black;">XMp3 Radio Controls</h3>  <p><b>Power/Hold Switch</b> Slide down to turn on or off, slide up to lock controls.</p> <p><b>Menu</b> Go to My Music Library, access advanced features and configuration options or info extra information.</p> <p><b>Back</b> Return to previous screen.</p> <p><b>30-Minute Replay</b> Pause and replay up to 30 minutes of live XM.</p> <p><b>USB Jack</b></p> <p><b>Universal Connector</b></p> <p><b>Headphone Jack and microSD Card Slot</b></p> <p><b>Volume/Mute</b></p> <p><b>Keypad</b> Enter channel numbers.</p> <p><b>Options</b> TuneSelect, bookmarks, add channel to favorites, set channel to auto recording, and view programs for channel.</p> <p><b>XM Button/Select</b> Press to confirm selections.</p> <p><b>Control Wheel</b> Give it a spin!</p> <p><b>Record</b> Record a song or a channel - also schedule recording and set channel to auto record.</p> <p style="text-align: center;"><b>14</b></p> </div> <p><i>(XMp3 User Guide, pages: 14)</i></p>
14.c	output means for producing audible sounds in response to analog audio signals,	<p>The XMp3 has output means for producing audible sounds in response to analog audio signals. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "output" structure in the XMp3 is the headphones sold with the device by Sirius. These headphones interface with the 3.5mm audio jack on the XMp3 (labeled "Headphone jack") to produce audible sounds in response to analog audio signals.</p> <p>"Audio Output 3.5 mm mini-stereo jack" <i>(XMp3 User Guide, pages: 69)</i></p>




**Earbuds**

*(XMP3 User Guide, pages: 12)*



**RCA Audio Cable**

XMP3 Controls

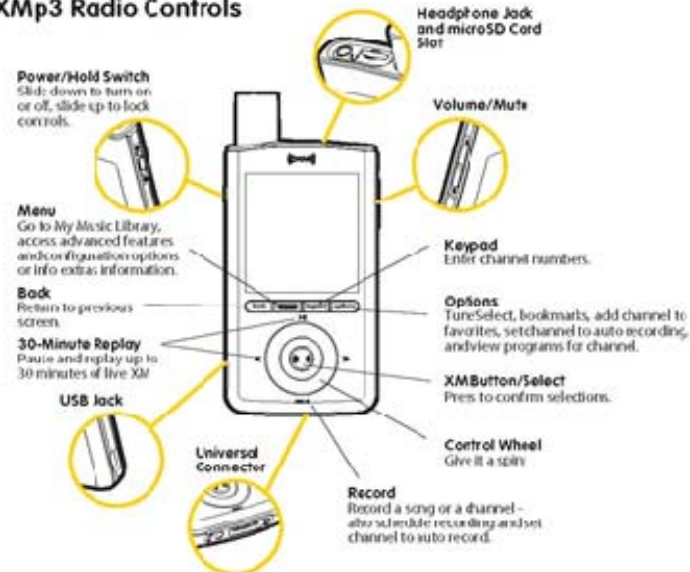
		<div style="background-color: black; color: white; padding: 5px; text-align: center;">Introduction</div> <div style="text-align: center; margin-top: 10px;"> <h3>XMp3 Radio Controls</h3>  <p><b>Power/Hold Switch</b> Slide down to turn on or off, slide up to lock controls.</p> <p><b>Menu</b> Go to My Music Library, access advanced features and configuration options or info extra information.</p> <p><b>Back</b> Return to previous screen.</p> <p><b>30-Minute Replay</b> Pause and replay up to 30 minutes of live XM.</p> <p><b>USB Jack</b></p> <p><b>Universal Connector</b></p> <p><b>Headphone Jack and microSD Card Slot</b></p> <p><b>Volume/Mute</b></p> <p><b>Keypad</b> Enter channel numbers.</p> <p><b>Options</b> TuneSelect, bookmarks, add channel to favorites, set channel to auto recording, and view programs for channel.</p> <p><b>XM Button/Select</b> Press to confirm selections.</p> <p><b>Control Wheel</b> Give it a spin!</p> <p><b>Record</b> Record a song or a channel - also schedule recording and set channel to auto record.</p> </div> <div style="background-color: black; color: white; padding: 5px; text-align: center; margin-top: 10px;">14</div> <p><i>(XMp3 User Guide, pages: 14)</i></p> <p>Sirius also contributorily infringes this claim element when the device is used with any output means, including but not limited to headphones or speakers, not sold with the XMp3 or by Sirius.</p>
14.d	processing means for translating said digitally recorded audio program segments into analog audio signals delivered to said output means for reproducing said recorded program segments in a form audible to said user,	<p>The XMp3 has processing means for translating said digitally recorded audio program segments into analog audio signals delivered to said output means for reproducing said recorded program segments in a form audible to said user. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "processing" structure in the XMp3 comprises at least a processor</p>

programmed with the algorithm for translating said digitally recorded audio program segments into analog audio signals. The structure and source code of the XMp3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).

### XMp3 Controls

#### Introduction

#### XMp3 Radio Controls

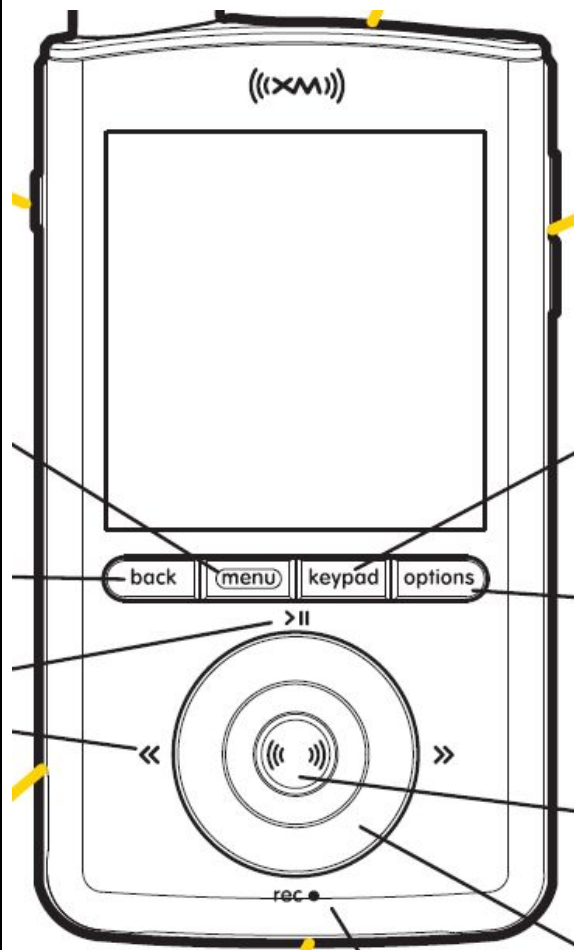


14

(XMp3 User Guide, pages: 14)

The analog audio signals, such as a song, are delivered to the output means (earbuds) via the headphone jack.

14.e	processing means responsive to a first one of said control commands for discontinuing the translation of the currently playing program segment and instead continuing the translation at the beginning of the next program segment in said sequence, and	<p>The XMp3 has processing means responsive to a first one of said control commands for discontinuing the translation of the currently playing program segment and instead continuing the translation at the beginning of the next program segment in said sequence. This limitation is governed by 35 U.S.C. § 112, para. 6.</p> <p>The "processing" structure in the XMp3 comprises at least a processor programmed with the algorithm for responding to a skip forward command. The structure and source code of the XMp3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Once a user presses &gt;&gt; (fast forward), the XMp3 discontinues playing the current program segment and begins playing the next program segment in the playlist.</p>
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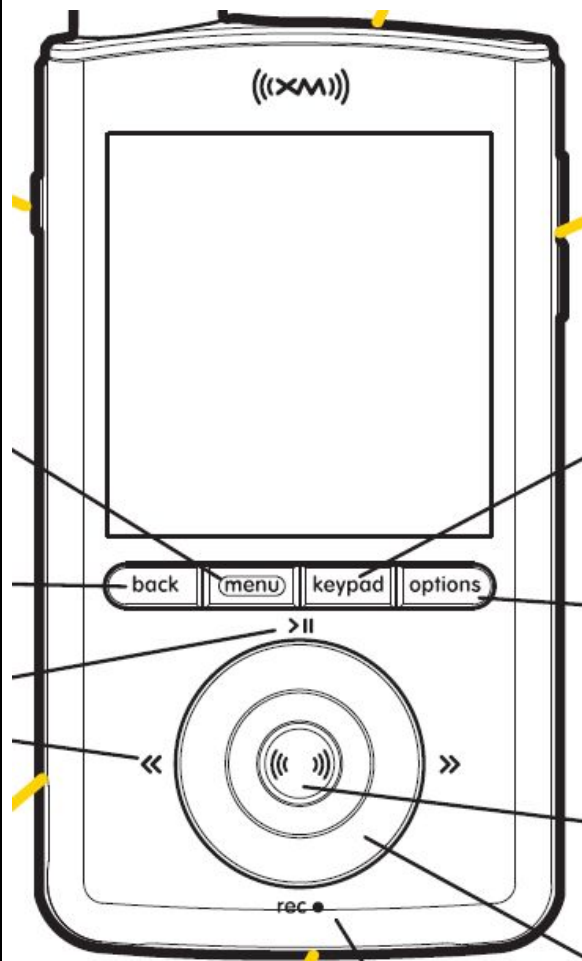


*(XMp3 User Guide, pages: 14)*

"Turn the wheel to see a list of songs that you missed, from newest to oldest. Press the << or >> buttons to skip to the previous or next song in the list. You can also press and hold the << or >> buttons to rewind or fast-forward through individual songs." *(XMp3 User Guide, pages: 31)*



14.f	<p>processing means responsive to a second one of said control command for discontinuing the translation of the currently playing program and instead continuing the translation at the beginning of said currently playing program.</p>	<p>The XMp3 has processing means responsive to a second one of said control command for discontinuing the translation of the currently playing program and instead continuing the translation at the beginning of said currently playing program. This limitation is governed by 35 U.S.C. §112, para. 6</p> <p>The "processing" structure in the XMp3 comprises at least a processor programmed with the algorithm for responding to a skip backward command. The structure and source code of the XMp3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Once a user presses "&lt;&lt;" (rewind), the XMp3 discontinues playing the current program segment and plays that current program segment from the beginning.</p>
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*(XMp3 User Guide, pages: 14)*

"Turn the wheel to see a list of songs that you missed, from newest to oldest. Press the << or >> buttons to skip to the previous or next song in the list. You can also press and hold the << or >> buttons to rewind or fast-forward through individual songs." *(XMp3 User Guide, pages: 31)*

15	A programmed digital computer for reproducing audio programs as set forth in claim 14 further comprising	Every claim limitation of claim 14 is present in the XMp3 as described above.
15.a	means responsive to two consecutive ones of said second control commands for discontinuing the translation of the currently playing program and instead continuing the translation at the beginning of a program segment which precedes said currently playing program in said sequence.	<p>The XMp3 has means responsive to the detection of two consecutive ones of said second control commands for discontinuing the translation of the currently playing program and instead continuing the translation at the beginning of a program segment which precedes the currently playing program in said sequence. This limitation is governed by 35 U.S.C. §112, para. 6.</p> <p>The "responsive" structure in the XMp3 comprises at least a processor programmed with the algorithm for responding to two consecutive skip backward commands. The structure and source code of the XMp3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Once a user presses "&lt;&lt;" (rewind) twice, the XMp3 discontinues playing the current program segment and begins playing the program segment which precedes the currently playing program in the sequence.</p> <p>XMP3 Controls</p>

## Introduction

### XMp3 Radio Controls

**Power/Hold Switch**  
Slide down to turn on or off, slide up to lock controls.

**Menu**  
Go to My Music Library, access advanced features and configuration options or info extra information.

**Back**  
Return to previous screen.

**30-Minute Replay**  
Pause and replay up to 30 minutes of live XM

**USB Jack**

**Universal Connector**

**Headphone Jack and microSD Card Slot**

**Volume/Mute**

**Keypad**  
Enter channel numbers.

**Options**  
TuneSelect, bookmarks, add channel to favorites, set channel to auto recording, and view programs for channel.

**XMButton/Select**  
Press to confirm selections.

**Control Wheel**  
Give it a spin

**Record**  
Record a song or a channel - also schedule recording and set channel to auto record.

14

*(XMp3 User Guide, pages: 14)*

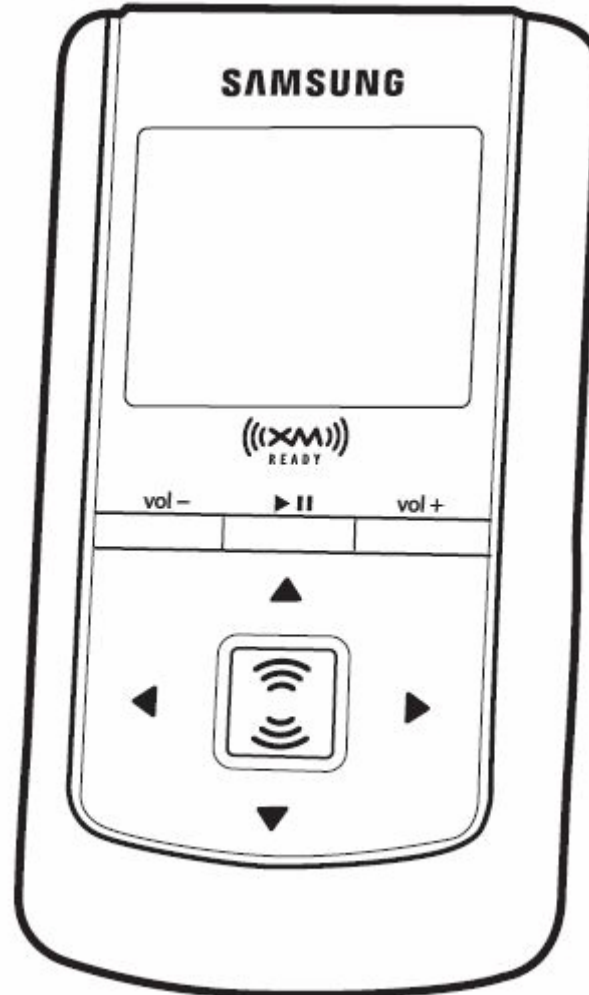
"To repeat the song you just heard or the song you are currently listening to press << If More than 5 seconds into the next song press << twice" *(XMp3 User Guide, pages: 31)*

**EXHIBIT F**

**Personal Audio Infringement Contentions for U.S. 7,509,178  
Sirius NeXus 50**

The following sets forth Plaintiff's contentions regarding the manner in which Sirius' NeXus products infringe U.S. Patent No. 7,509,178. The Plaintiff's contentions are not limited to the exemplar NeXus 50 product depicted and described herein. Plaintiff contends that all Sirius products having a structure that is the same in all relevant respects as the exemplar, including NeXus 25, NeXus 50, Inno, Inno 2, and Helix, also infringe.


	<b>Claim</b>	<b>Infringement Support</b>
1	An audio program player comprising:	The NeXus 50 is a player for reproducing selected audio program segments. Songs, audiobooks or portions of audiobooks, and installments of podcasts are examples of audio program segments.



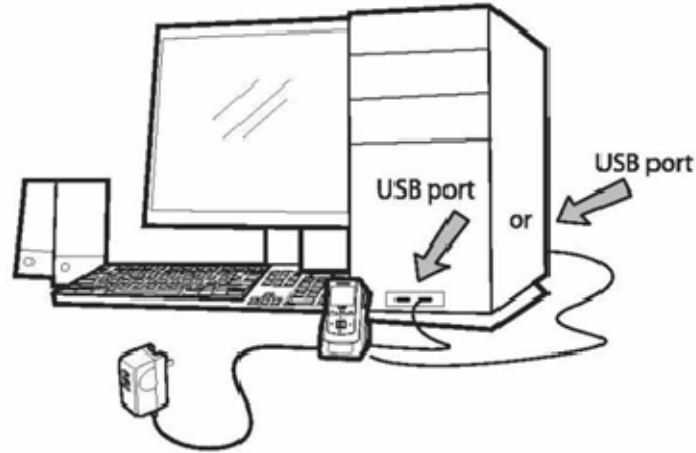
*(Nexus 25 & 50 User Guide, pages: 5)*

**"NeXus, Undocked**

- Listen to recorded XM content and MP3/WMA files

		<ul style="list-style-type: none"> <li>• Manage your music"</li> </ul> <p><i>(Nexus 25 &amp; 50 User Guide, pages: 5)</i></p>
1.a	<p>a communications port for establishing a data communications link for downloading a plurality of separate digital compressed audio program files and a separate sequencing file from one or more server computers,</p>	<p>The NeXus 50 has a communications port for establishing a data communications link for downloading a plurality of separate digital compressed audio program files and a separate sequencing file from one or more server computers.</p> <p>The communications port is the USB jack on the bottom of the NeXus 50</p> <p>Nexus Controls</p>  <p><i>(Nexus 25 &amp; 50 User Guide, pages: 13)</i></p>

"Set up NeXus as shown and plug the USB cable into the PC."



*(Nexus 25 & 50 User Guide, pages: 44)*

The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the NeXus 50 is the playlist file. The specific format and contents of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).


"You can create one or more custom lists, called playlists. Each playlist is an index of songs that play in a certain order. You can create a "morning drive" playlist, a "workout" playlist, a "best of" playlist, and more." *(Nexus 25 & 50 User Guide, pages: 36)*

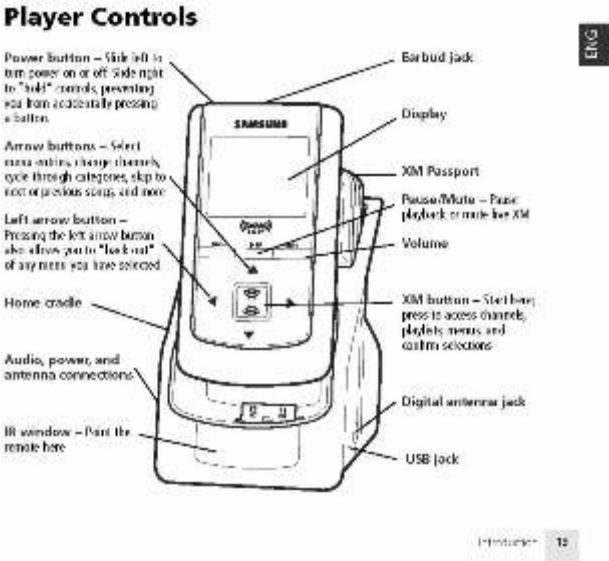
The NeXus 50 supports a plurality of program segment types. Program segments are, for example, songs.

"Music file formats  
MP3 (64-320 kbps)  
WMA (64-192 kbps)



		<p>WMA DRM (Secure WMA) XM content" (<i>Nexus 25 &amp; 50 User Guide, pages: 73</i>)</p> <p>The digital compressed audio program files are separate from the sequencing file.</p>
1.b	<p>a digital memory unit coupled to said communications port for persistently storing said separate digital compressed audio program files and said separate sequencing file, said sequencing file containing data specifying an ordered sequence of a collection of said separate digital compressed audio program files,</p>	<p>The NeXus 50 has a digital memory unit coupled to the communications port for persistently storing said separate digital compressed audio program files and said separate sequencing file, said sequencing file containing data specifying an ordered sequence of a collection of said separate digital compressed audio program files.</p> <p>The digital memory unit in the NeXus 50 is a flash memory drive.</p> <p>"Storage capacity Nexus 25: 512 MB Nexus 50: 1 GB"</p> <p>(<i>Nexus 25 &amp; 50 User Guide, pages: 73</i>)</p> <p>"Music file formats MP3 (64-320 kbps) WMA (64-192 kbps) WMA DRM (Secure WMA) XM content" (<i>Nexus 25 &amp; 50 User Guide, pages: 73</i>)</p> <p>"All songs and tracks that are stored in your NeXus are normally played in the order that they were recorded or transferred into the player. You can also sort the selections by artist, category, channel, or recording session." (<i>Nexus 25 &amp; 50 User Guide, pages: 33</i>)</p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the NeXus 50 is the playlist file. The specific</p>

		<p>format of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>"You can create one or more custom lists, called playlists. Each playlist is an index of songs that play in a certain order. You can create a "morning drive" playlist, a "workout" playlist, a "best of" playlist, and more." (<i>Nexus 25 &amp; 50 User Guide, pages: 36</i>)</p>
1.c	<p>an audio output unit including at least one speaker or headset for reproducing said audio program files in audible form perceptible to a listener,</p>	<p>The NeXus 50 includes an audio output unit including at least one speaker or headset for reproducing said audio program files in audible form perceptible to the listener.</p> <p>This audio output unit is earbuds provided with the NeXus 50 which plug into an interface with the 1/8" (3.5mm) audio jack on the NeXus 50 (labeled "Headphone Jack")</p>  <p>Earbuds (EP-360)</p>

		<p><i>(Nexus 25 &amp; 50 User Guide, pages: 10)</i></p> <p>"Audio output 3.5 mm mini-stereo jack" <i>(Nexus 25 &amp; 50 User Guide, pages: 73)</i></p> <p>Sirius also contributorily infringes this claim element when the device is used with any output means, including but not limited to headphones or speakers, not sold with the NeXus 50 or by Sirius.</p>
1.d	<p>one or more manual controls for accepting commands from said listener, and</p>	<p>The NeXus 50 has one or more manual controls for accepting commands from the listener in the form of arrow buttons and the XM button.</p> <p>Nexus Controls</p>  <p><i>(Nexus 25 &amp; 50 User Guide, pages: 13)</i></p>

<p>1.e</p>	<p>a processor for continuously delivering a succession of said audio program files in said collection to said audio output unit in said ordered sequence specified by said sequencing file in the absence of a program selection command from said listener, and for discontinuing the reproduction of the currently playing audio program file and instead continuing the reproduction at the beginning of a listener-selected one of said audio program files in said collection in response to a program selection command from said listener.</p>	<p>The NeXus 50 contains one or more processors for continuously delivering a succession of said audio program files in said collection to said audio output unit in said ordered sequence specified by said sequencing file in the absence of a program selection command from said listener, and for discontinuing the reproduction of the currently playing audio program file and instead continuing the reproduction at the beginning of a listener-selected one of said audio program files in said collection in response to a program selection command from said listener.</p> <p>The identity of the processor or processors in the NeXus 50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p> <p>Once a listener has started reproducing a playlist, it continuously delivers a succession of audio files in the collection to the headphones (or speaker if applicable) in the order specified by the playlist in the absence of commands from the listener. During the reproduction of a playlist to the listener, if the listener issues a program selection command, then the NeXus 50 will discontinue reproducing the current playing audio program file and instead continue the reproduction at the beginning the audio program file selected by the listener.</p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the NeXus 50 is the playlist file. The specific format of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>"You can create one or more custom lists, called playlists. Each playlist is an index of songs that play in a certain order. You can create a "morning drive" playlist, a "workout" playlist, a "best of" playlist, and more." (<i>Nexus 25 &amp; 50 User Guide, pages: 36</i>)</p> <p>"Select the song you want to hear using the arrow and XM buttons. Select Play to</p>
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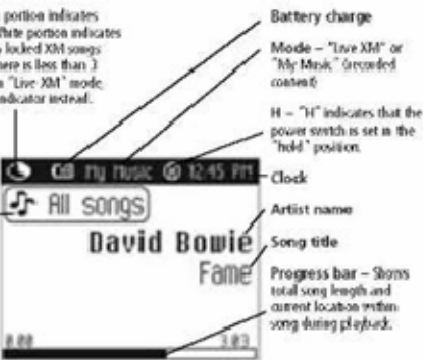
		begin playing that song." ( <i>Nexus 25 &amp; 50 User Guide, pages: 34</i> )
2	The audio program player as set forth in claim 1 further comprising	Every claim limitation of claim 1 is present in the NeXus 50 as described above.
2.a	a display screen for displaying a scrollable listing describing each of said separate digital compressed audio program files in said collection displayed in said ordered sequence specified by said sequencing file	<p>The NeXus 50 has a display screen for displaying a scrollable listing describing each of said separate digital compressed audio program files in said collection displayed in said ordered sequence specified by said sequencing file.</p> <p>The NeXus 50's display screen is an LCD screen. The display screen displays a scrollable listing for each separate file in said ordered sequence file (playlist).</p> <p>Nexus Display</p>

# Introduction

## Player Display

**Available memory** – black portion indicates amount of storage available. White portion indicates amount of storage taken up by locked XM songs (page 35). "1" indicates that there is less than 1 minute of storage available. In "Live XM" mode, you will see a signal strength indicator instead.

While listening to "Live XM," this box shows the channel name. During "My Music," this box indicates whether you're viewing all songs or songs by a particular artist, channel, category, or recording session.



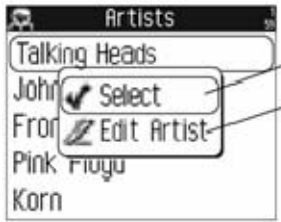
ENG

Additional symbols:

	play		track assigned to a playlist
	reverse or fast-forward through track		PC track is assigned to a playlist
	PAUSE		XM track is locked
	skip to previous or next track		repeat track
	PC track (MP3 or WMA file)		play tracks randomly

Introduction 15

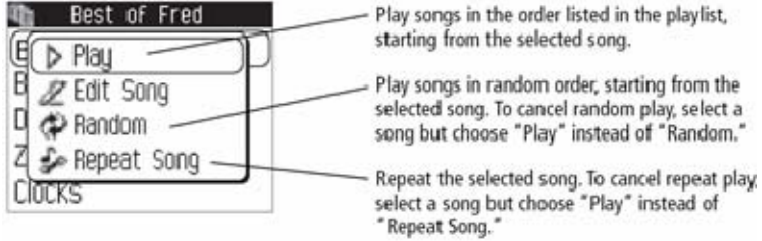
(Nexus 25 & 50 User Guide, pages: 15)



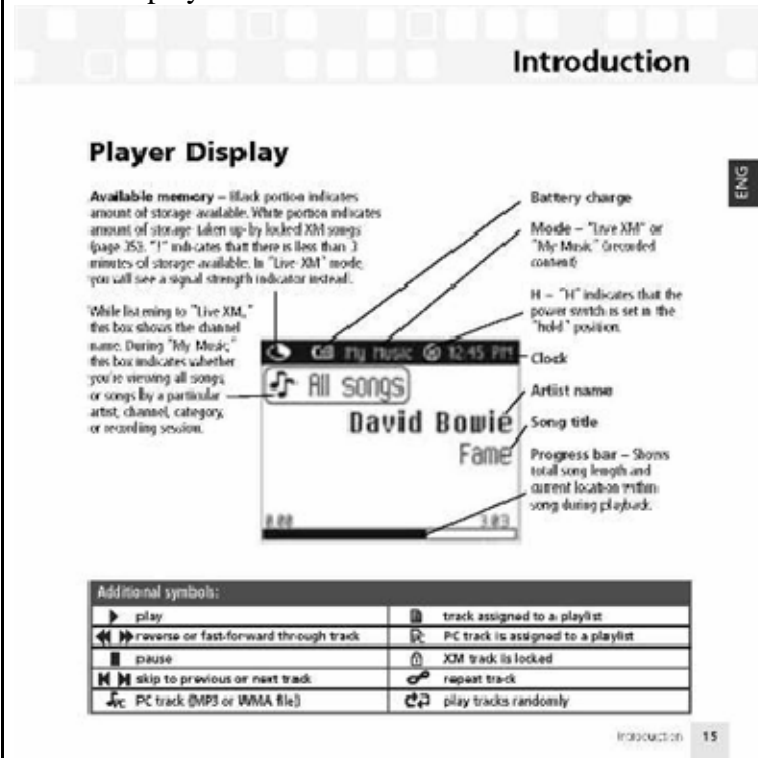
Shows the artist's songs in the order recorded.

Opens the Edit window, allowing you to add an artist to a playlist, lock or unlock all the artist's songs, or delete all the artist's songs.

(Nexus 25 & 50 User Guide, pages: 34)

		 <p>Play songs in the order listed in the playlist, starting from the selected song.</p> <p>Play songs in random order, starting from the selected song. To cancel random play, select a song but choose "Play" instead of "Random."</p> <p>Repeat the selected song. To cancel repeat play, select a song but choose "Play" instead of "Repeat Song."</p> <p><i>(Nexus 25 &amp; 50 User Guide, pages: 38)</i></p>
2.b	<p>wherein said listener-selected audio program file is chosen by said listener by employing one or more of said manual controls to accept a program selection command from said listener to select one of said audio program files described on said scrollable listing for immediate reproduction by said audio output unit.</p>	<p>The NeXus 50 allows the listener to select said audio program file by employing one or more of said manual controls to accept a program selection command from said listener to select one of said audio program files described on said scrollable listing for immediate reproduction by said audio output unit.</p> <p>Once the selection has been made, the NeXus 50 begins reproducing the audio file.</p> <p>"Press the up or down arrow buttons to scroll through the list of artists. Press the XM button to select an artist." <i>(Nexus 25 &amp; 50 User Guide, pages: 34)</i></p> <p>"Select the song you want to hear using the arrow and XM buttons. Select Play to begin playing that song." <i>(Nexus 25 &amp; 50 User Guide, pages: 34)</i></p>
3	<p>The audio program player as set forth in claim 2</p>	<p>Every claim limitation of claim 2 is present in the NeXus 50 as described above.</p>
3.a	<p>wherein said display screen provides a visible indication of said currently playing audio program file in the collection of programs specified by said sequencing file and described on said scrollable listing.</p>	<p>The display screen on the NeXus 50 provides a visual indication of the currently playing audio program file in the collection of programs specified by said sequencing file and described on said scrollable listing.</p> <p>When a song is playing, the NeXus 50 displays song information, including song title and artist name.</p>

Nexus Display



(Nexus 25 & 50 User Guide, pages: 15)

4 The audio program player as set forth in claim 3

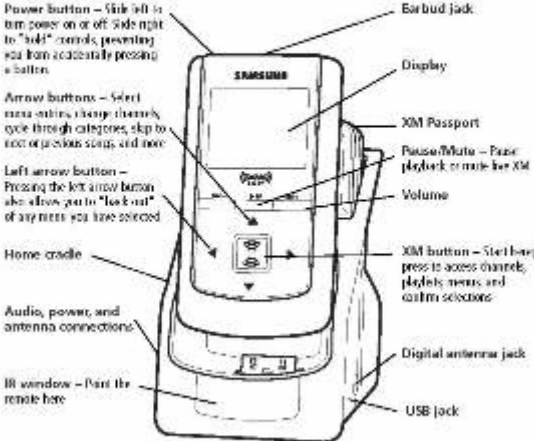
Every claim limitation of claim 3 is present in the NeXus 50 as described above.

4.a wherein said processor responds to a skip forward program selection command accepted from said listener by discontinuing the reproduction of said currently playing audio program file and

The NeXus 50 contains one or more processors that respond to a skip forward program selection command accepted from said listener by discontinuing the reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of that audio program file which follows said currently audio program file in said ordered sequence specified by said



	<p>instead continuing the reproduction at the beginning of that audio program file which follows said currently audio program file in said ordered sequence specified by said sequencing file.</p>	<p>sequencing file.</p> <p>The identity of the processor or processors in the NeXus 50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p> <p>Once a listener enters the command to skip to the next file in the playlist by pressing the "&gt;&gt;" (fast forward) button, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the file next in the sequence specified by the playlist file.</p> <p>"Alternatively, while you're listening to a song, simply press the right arrow button to skip to the next song. Press the left arrow button to skip to the previous song." (<i>Nexus 25 &amp; 50 User Guide, pages: 32</i>)</p> <p>Nexus Controls</p>
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		<p style="text-align: center;"><b>Introduction</b></p> <p><b>Player Controls</b></p>  <p>Power button – Slide left to turn power on or off. Slide right to “lock” controls, preventing you from accidentally pressing a button.</p> <p>Arrow buttons – Select menu options, change channels, cycle through categories, skip to next or previous songs, and more.</p> <p>Left arrow button – Pressing the left arrow button also allows you to “lock out” of any menu you have selected.</p> <p>Home cradle</p> <p>Audio, power, and antenna connections</p> <p>IR window – Point the remote here</p> <p>Earbud jack</p> <p>Display</p> <p>XM Passport</p> <p>Pause/Play – Pause playback or make live XM</p> <p>Volume</p> <p>XM button – Start here; press to access channels, playlists, menus and custom selections</p> <p>Digital antenna jack</p> <p>USB jack</p> <p style="text-align: right;">ENG</p> <p style="text-align: right;">Introduction 13</p> <p><i>(Nexus 25 &amp; 50 User Guide, pages: 13)</i></p>
5	The audio program player as set forth in claim 4	Every claim limitation of claim 4 is present in the NeXus 50 as described above.
5.a	wherein said processor responds to a skip backward program selection command accepted from said listener at a time when said currently playing audio program file has played for at least a predetermined amount of time by discontinuing the reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of said	<p>The NeXus 50 contains one or more processors that respond to a skip backward program selection command accepted from said listener at a time when said currently playing audio program file has played for at least a predetermined amount of time by discontinuing the reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of said currently playing audio program file.</p> <p>The identity of the processor or processors in the NeXus 50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be</p>

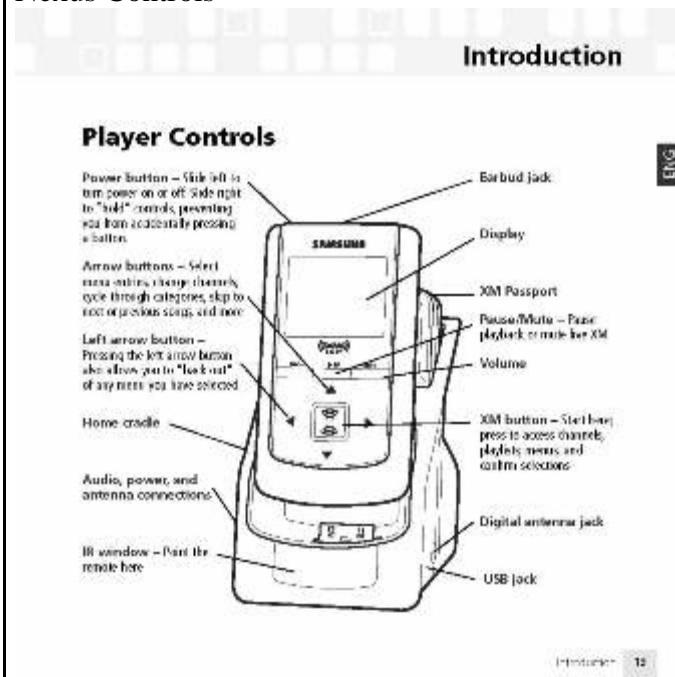
currently playing audio program file.

supplemented.

Once a listener enters the command to skip backward by pressing the "<<" (Rewind) button after a predetermined amount of time, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the same audio file that was playing at the time the button was pressed.

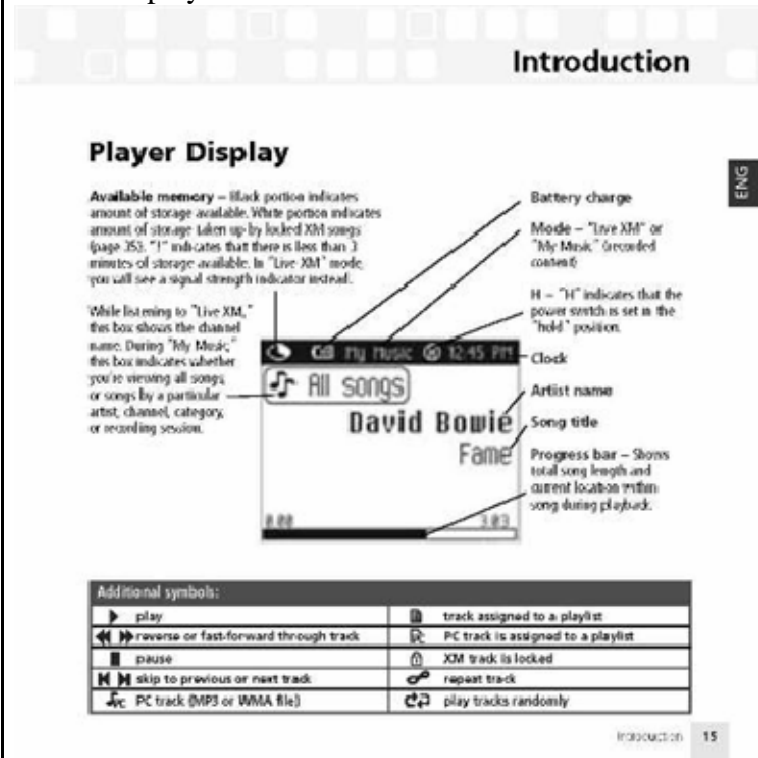
"Alternatively, while you're listening to a song, simply press the right arrow button to skip to the next song. Press the left arrow button to skip to the previous song." (*Nexus 25 & 50 User Guide, pages: 32*)

### Nexus Controls



(*Nexus 25 & 50 User Guide, pages: 13*)

Nexus Display



(Nexus 25 & 50 User Guide, pages: 15)

6 The audio program player as set forth in claim 5

Every claim limitation of claim 5 is present in the NeXus 50 as described above.

6.a wherein said processor responds to a skip backward program selection command accepted from said listener at a time when said currently playing audio program file has not yet played for said predetermined

The NeXus 50 contains one or more processors that respond to a skip backward program selection command accepted from said listener at a time when said currently playing audio program file has not yet played for said predetermined amount of time for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a

	<p>amount of time for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which precedes the currently playing program segment in said ordered sequence specified by said sequencing file.</p>	<p>program segment which precedes the currently playing program segment in said ordered sequence specified by said sequencing file.</p> <p>The identity of the processor or processors in the NeXus 50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p> <p>Once a listener enters the command to skip backward by pressing the "&lt;&lt;" (rewind) button before a predetermined amount of time has passed, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the audio file that comes before it in the playlist sequence.</p> <p>The predetermined amount of time on the NeXus 50 is approximately 5 seconds. If after the predetermined amount of time has passed the listener presses the "&lt;&lt;" button twice it will go to the previous track. The first press of the button causes the NeXus 50 to go back to the beginning of the current audio program file (as described in Claim 5) and the second press of the button, occurring before the predetermined amount of time elapses, causes the NeXus 50 to continue reproduction at the beginning of the audio program file preceding the current file in the sequence.</p> <p>"Alternatively, while you're listening to a song, simply press the right arrow button to skip to the next song. Press the left arrow button to skip to the previous song." (<i>Nexus 25 &amp; 50 User Guide, pages: 32</i>)</p> <p>Nexus Controls</p>
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		<p style="text-align: center;"><b>Introduction</b></p> <p><b>Player Controls</b></p> <p>Power button – Side left is turn power on or off. Side right is "hold" controls, preventing you from accidentally pressing a button.</p> <p>Arrow buttons – Select menu options, change channels, cycle through categories, skip to next or previous songs, and more.</p> <p>Left arrow button – Pressing the left arrow button also allows you to "lock out" of any menu you have selected.</p> <p>Home cradle</p> <p>Audio, power, and antenna connections</p> <p>IR window – Point the remote here</p> <p>Earbud jack</p> <p>Display</p> <p>XM Passport</p> <p>Pause/Mute – Pause playback or mute live XM</p> <p>Volume</p> <p>XM button – Start here; press to access channels, playlists, menus and confirm selections</p> <p>Digital antenna jack</p> <p>USB jack</p> <p style="text-align: right;">ENG</p> <p style="text-align: right;">Introduction 13</p> <p><i>(Nexus 25 &amp; 50 User Guide, pages: 13)</i></p>
9	The audio program player as set forth in claim 1	Every claim limitation of claim 1 is present in the NeXus 50 as described above.
9.a	wherein each audio program file in said collection specified by said sequencing file is selected in accordance with program preference data or program selections accepted from said listener to define a playback session that is personalized to the preferences of said listener.	<p>The NeXus 50 contains an audio program file in said collection specified by said sequencing file that is selected in accordance with program preference data or program selections accepted from said listener to define a playback session that is personalized to the preferences of said listener.</p> <p>The NeXus 50 is designed and configured to contain playlists and audio program files that are generated in multiple different ways. The playlist and the specified audio files are downloaded to the NeXus 50 in accordance with the claim limitations described above. Sirius provides instructions for a listener to create</p>

playlists. (*Nexus 25 & 50 User Guide, pages: 51*)

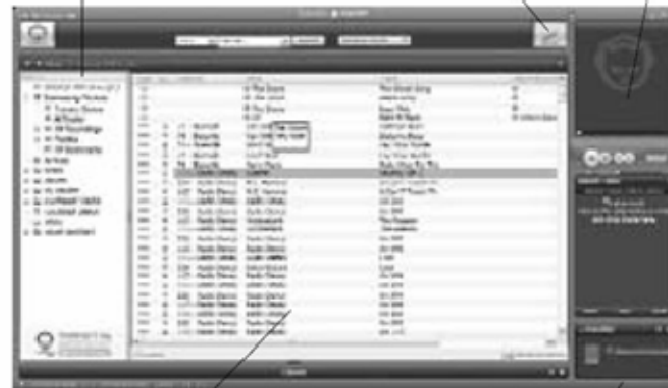
## Using Your Player with a PC

### Organizing Your Music

The "Folder" pane lets you view the tracks stored on NeXus or on your PC, playlists, recording sessions, bookmarks, and more. Click on the desired folder to see its contents on the main pane.

View and manage all the XM content you recorded, WMA, and MP3 tracks on your NeXus and your PC.

Drag and drop tracks or albums onto the "playlist/radio" pane to play them on your PC.



The main pane shows the contents of a folder.

Drag and drop purchased tracks onto the "transfer" pane to move them from your PC to your NeXus.

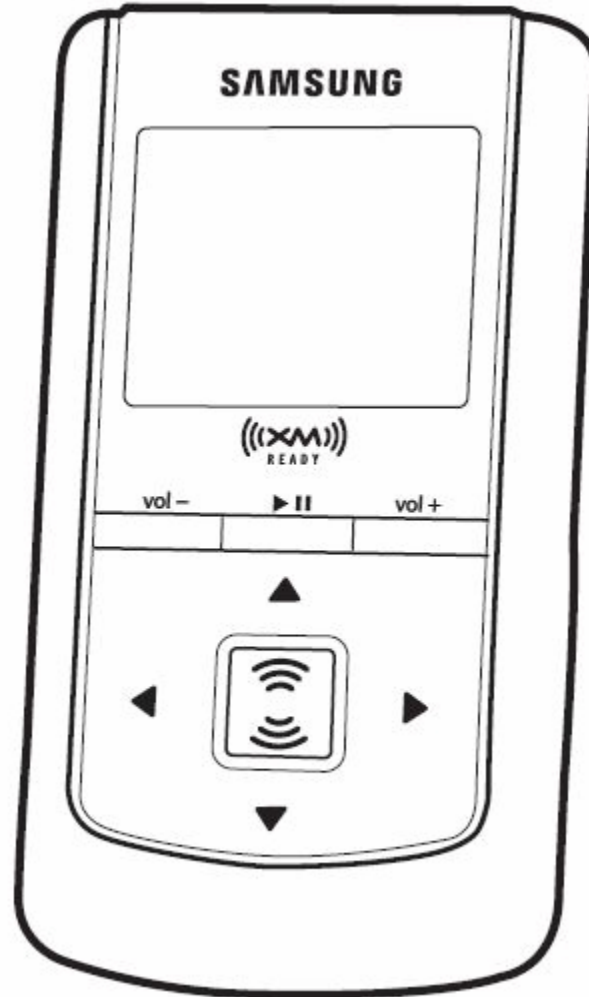
(*Nexus 25 & 50 User Guide, pages: 51*)

"You can create one or more custom lists, called playlists. Each playlist is an index of songs that play in a certain order. You can create a "morning drive" playlist, a "workout" playlist, a "best of" playlist, and more."

(*Nexus 25 & 50 User Guide, pages: 36*)

14	An audio program player for automatically playing a collection of audio program files selected by a listener, said player comprising, in combination:	The NeXus 50 is an audio program player that automatically plays a collection of audio program files selected by a listener. Songs, audiobooks or portions of audiobooks, installments of podcasts, and audio portions of videos are examples of audio program files.
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*(Nexus 25 & 50 User Guide, pages: 5)*

**"NeXus, Undocked**

- Listen to recorded XM content and MP3/WMA files

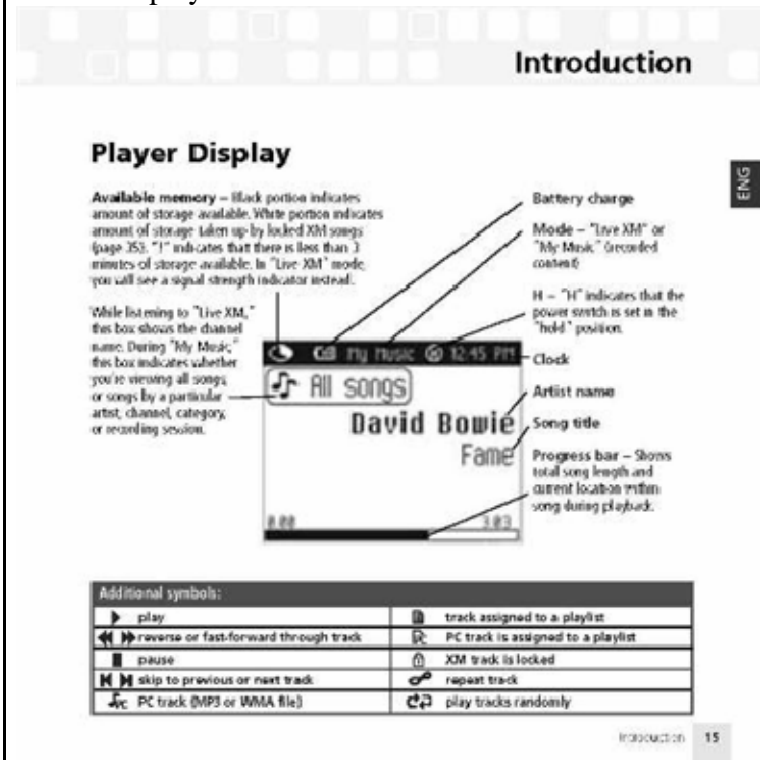
		<ul style="list-style-type: none"> <li>• Manage your music"</li> </ul> <p><i>(Nexus 25 &amp; 50 User Guide, pages: 5)</i></p>
14.a	a memory unit for storing:	<p>The NeXus 50 has a memory unit for storing.</p> <p>The digital memory unit in the NeXus 50 is a flash memory drive.</p> <p>"Storage capacity Nexus 25: 512 MB Nexus 50: 1 GB"</p> <p><i>(Nexus 25 &amp; 50 User Guide, pages: 73)</i></p>
14.b	(a) a plurality of audio program files,	<p>The NeXus 50 has a memory unit that stores a plurality of audio program files.</p> <p>The NeXus 50 supports a plurality of program segment types. Program segments are, for example, songs.</p> <p>"Music file formats MP3 (64-320 kbps) WMA (64-192 kbps) WMA DRM (Secure WMA) XM content" <i>(Nexus 25 &amp; 50 User Guide, pages: 73)</i></p>
14.c	(b) program description data including displayable text describing each of said audio program files, and	<p>The NeXus 50 has a memory unit for storing program description data including displayable text describing each of the audio program files.</p> <p>On information and belief, the NeXus 50 stores information about each separate digital audio file.</p>



		<p style="text-align: center;"><b>Introduction</b></p> <p><b>Player Display</b></p> <p><b>Available memory</b> – black portion indicates amount of storage available. White portion indicates amount of storage taken up by locked XM songs (page 35). “1” indicates that there is less than 1 minute of storage available. In “Live XM” mode, you will see a signal strength indicator instead.</p> <p>While listening to “Live XM,” this box shows the channel name. During “My Music,” this box indicates whether you’re viewing all songs or songs by a particular artist, channel, category, or recording session.</p> <p><b>Battery charge</b></p> <p>Mode – “Live XM” or “My Music” recorded content</p> <p>H – “H” indicates that the power switch is set in the “hold” position.</p> <p><b>Clock</b></p> <p>Artist name</p> <p>Song title</p> <p><b>Progress bar</b> – Shows total song length and current location within song during playback.</p> <p><b>Additional symbols:</b></p> <table border="1"> <tr> <td></td> <td>play</td> <td></td> <td>track assigned to a playlist</td> </tr> <tr> <td></td> <td>reverse or fast-forward through track</td> <td></td> <td>PC track is assigned to a playlist</td> </tr> <tr> <td></td> <td>PAUSE</td> <td></td> <td>XM track is locked</td> </tr> <tr> <td></td> <td>skip to previous or next track</td> <td></td> <td>repeat track</td> </tr> <tr> <td></td> <td>PC track (MP3 or WMA file)</td> <td></td> <td>play tracks randomly</td> </tr> </table> <p style="text-align: right;">Introduction 15</p> <p><i>(Nexus 25 &amp; 50 User Guide, pages: 15)</i></p>		play		track assigned to a playlist		reverse or fast-forward through track		PC track is assigned to a playlist		PAUSE		XM track is locked		skip to previous or next track		repeat track		PC track (MP3 or WMA file)		play tracks randomly
	play		track assigned to a playlist																			
	reverse or fast-forward through track		PC track is assigned to a playlist																			
	PAUSE		XM track is locked																			
	skip to previous or next track		repeat track																			
	PC track (MP3 or WMA file)		play tracks randomly																			
14.d	(c) at least one separately stored playback session sequencing file which specifies an ordered sequence of a collection of said plurality of audio program files,	<p>The NeXus 50 separately stores at least one playback session sequencing file which specifies an ordered sequence of a collection of the plurality of audio program files.</p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the NeXus 50 is the playlist file. The specific format and contents of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p>																				

"You can create one or more custom lists, called playlists. Each playlist is an index of songs that play in a certain order. You can create a "morning drive" playlist, a "workout" playlist, a "best of" playlist, and more." (*Nexus 25 & 50 User Guide, pages: 36*)

### Nexus Display



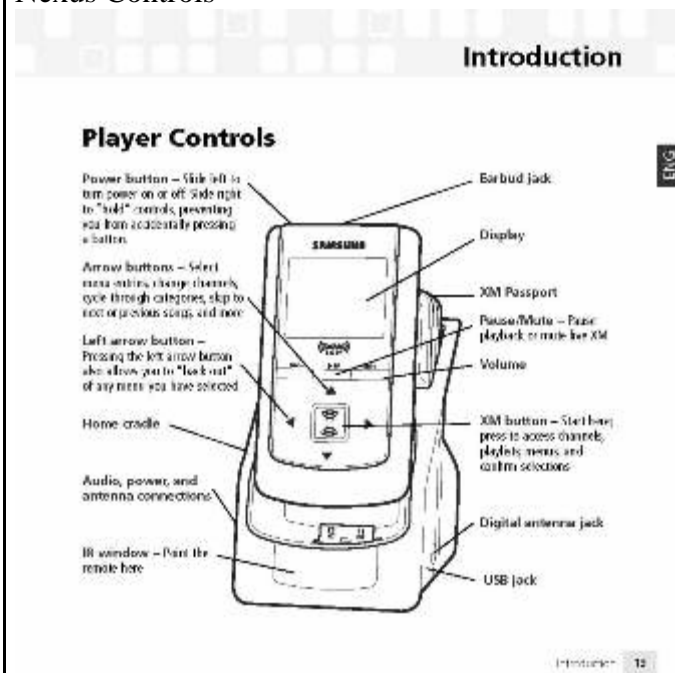
(*Nexus 25 & 50 User Guide, pages: 15*)

14.e a communications port for downloading at least some of said audio program files and said playback session sequencing file from said one or more server computers, at least some of said audio program files downloaded from said one or more server computers being selected by said listener from a library of audio program files available from said one or more server computers, and

The NeXus 50 has a communications port for downloading at least some of the audio program files and the playback session sequencing file from the one or more server computers, at least some of the audio program files downloaded from the one or more server computers being selected by the listener from a library of audio program files available from the one or more server computers.

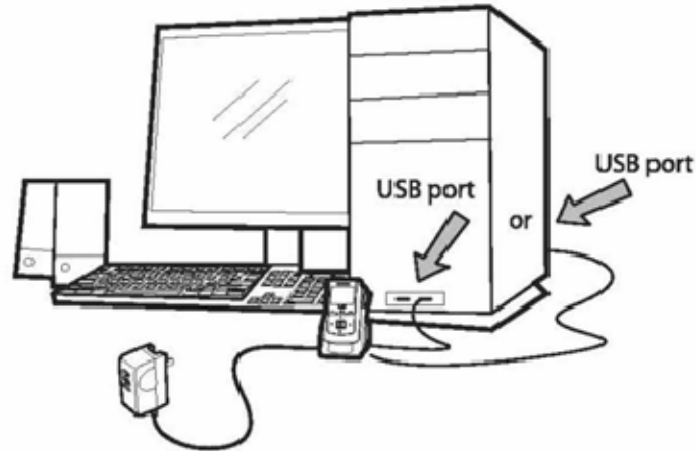
The communications port is the USB jack on the bottom of the NeXus 50

### Nexus Controls



(Nexus 25 & 50 User Guide, pages: 13)

"Set up NeXus as shown and plug the USB cable into the PC."



*(Nexus 25 & 50 User Guide, pages: 44)*

The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the NeXus 50 is the playlist file. The specific format of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).

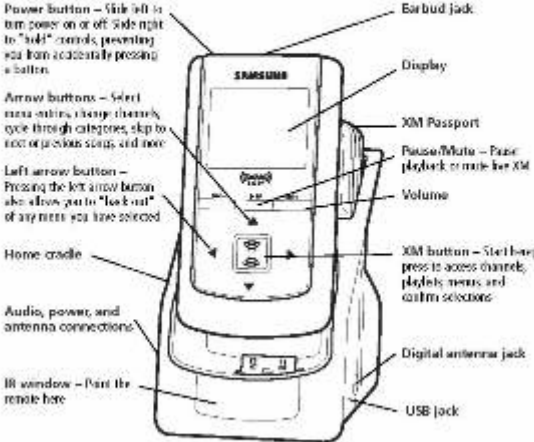
When the NeXus 50 downloads files, at least some of the audio files are selected by the listener from a library of audio program files available from one or more server computer. For example, the playlists may be created by the listener on the server computer.

"You can create one or more custom lists, called playlists. Each playlist is an index of songs that play in a certain order. You can create a "morning drive" playlist, a "workout" playlist, a "best of" playlist, and more." *(Nexus 25 & 50 User Guide, pages: 36)*

"All songs and tracks that are stored in your NeXus are normally played in the order that they were recorded or transferred into the player. You can also sort the

		selections by artist, category, channel, or recording session." ( <i>Nexus 25 &amp; 50 User Guide, pages: 33</i> )
14.f	said audio program files in said collection specified by said playback session sequencing file being selected by or on behalf of said listener to produce a personalized playback session,	<p>In the NeXus 50, the audio program files in the collection specified by the playback session sequencing file are selected by or on behalf of the listener to produce a personalized playback session.</p> <p>The NeXus 50 is designed and configured to contain playlists and audio program files that are generated in multiple different ways. The playlist and the specified audio files are downloaded to the NeXus in accordance with the claim limitations described above. Sirius provides instructions for a listener to create playlists. (<i>Nexus 25 &amp; 50 User Guide, pages: 51</i>)</p> <p>"You can create one or more custom lists, called playlists. Each playlist is an index of songs that play in a certain order. You can create a "morning drive" playlist, a "workout" playlist, a "best of" playlist, and more." (<i>Nexus 25 &amp; 50 User Guide, pages: 36</i>)</p>
14.g	one or more controls for accepting input commands from said listener,	<p>The NeXus 50 has one or more manual controls for accepting commands from the listener in the form of arrow buttons and the XM button.</p> <p>Nexus Controls</p>



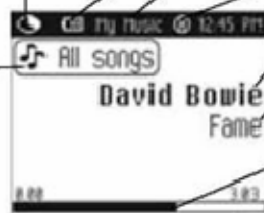
		<p style="text-align: right;"><b>Introduction</b></p> <p><b>Player Controls</b></p>  <p>Power button – Slide left to turn power on or off. Slide right to “lock” controls, preventing you from accidentally pressing a button.</p> <p>Arrow buttons – Select menu options, change channels, cycle through categories, skip to next or previous songs, and more.</p> <p>Left arrow button – Pressing the left arrow button also allows you to “lock out” of any menu you have selected.</p> <p>Home cradle</p> <p>Audio, power, and antenna connections</p> <p>IR window – Point the remote here</p> <p>Earbud jack</p> <p>Display</p> <p>XM Passport</p> <p>Pause/Play – Pause playback or make live XM</p> <p>Volume</p> <p>XM button – Start here; press to access channels, playlists, menus and confirm selections</p> <p>Digital antenna jack</p> <p>USB jack</p> <p style="text-align: right;">ENG</p> <p style="text-align: right;">Introduction 13</p> <p><i>(Nexus 25 &amp; 50 User Guide, pages: 13)</i></p>
14.h	<p>a display screen for presenting a visual menu listing to said listener containing displayable text describing some or all of the audio program files in said collection specified by said sequencing file,</p>	<p>The NeXus 50 has a display screen in the form of an LCD screen with an LED backlight. The display screen displays a visual menu listing to the listener that contains text describing some or all of the audio files in the playlist.</p> <p>Nexus Display</p>

# Introduction

## Player Display

**Available memory** – Black portion indicates amount of storage available. White portion indicates amount of storage taken up by locked XM songs (page 35). "1" indicates that there is less than 1 minute of storage available. In "Live XM" mode, you will see a signal strength indicator instead.

While listening to "Live XM," this box shows the channel name. During "My Music," this box indicates whether you're viewing all songs or songs by a particular artist, channel, category, or recording session.



**Battery charge**  
**Mode** – "Live XM" or "My Music" recorded content  
**H** – "H" indicates that the power switch is set in the "hold" position.  
**Clock**  
**Artist name**  
**Song title**  
**Progress bar** – Shows total song length and current location within song during playback.

ENG

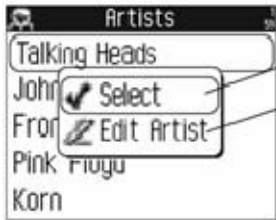

Additional symbols:

	play		track assigned to a playlist
	reverse or fast-forward through track		PC track is assigned to a playlist
	PAUSE		XM track is locked
	skip to previous or next track		repeat track
	PC track (MP3 or WMA file)		play tracks randomly


Introduction 15

(Nexus 25 & 50 User Guide, pages: 15)

"You can create one or more custom lists, called playlists. Each playlist is an index of songs that play in a certain order. You can create a "morning drive" playlist, a "workout" playlist, a "best of" playlist, and more." (Nexus 25 & 50 User Guide, pages: 36)

		 <p>Shows the artist's songs in the order recorded.</p> <p>Opens the Edit window, allowing you to add an artist to a playlist, lock or unlock all the artist's songs, or delete all the artist's songs.</p> <p><i>(Nexus 25 &amp; 50 User Guide, pages: 34)</i></p>  <p>Play songs in the order listed in the playlist, starting from the selected song.</p> <p>Play songs in random order, starting from the selected song. To cancel random play, select a song but choose "Play" instead of "Random."</p> <p>Repeat the selected song. To cancel repeat play select a song but choose "Play" instead of "Repeat Song."</p> <p><i>(Nexus 25 &amp; 50 User Guide, pages: 38)</i></p>
14.i	<p>an audio playback unit for automatically and continuously reproducing said audio program files in said collection in the ordered sequence specified by said playback session sequencing file in the absence of a control command from said listener, and</p>	<p>The NeXus 50 contains an audio playback unit for automatically and continuously reproducing audio program files in the ordered sequence specified in the playback session sequencing file in the absence of a control command from the listener.</p> <p>The identity of the audio playback unit or units in the NeXus 50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p> <p>Once a user has started listening to a playlist on the NeXus 50, the device automatically plays the song next in line in the playlist after the previous song ends. The NeXus 50 continuously reproduces the songs in the order established by the playlist without the need for the user to utilize a control command.</p> <p>"Select the song you want to hear using the arrow and XM buttons. Select Play to</p>

		begin playing that song." ( <i>Nexus 25 &amp; 50 User Guide, pages: 34</i> )
14.j	a processor for executing one or more utility programs to perform control functions in response to said input commands from a user, said functions including:	<p>The NeXus 50 contains a processor for executing one or more utility programs to perform control functions in response to input commands from a user.</p> <p>The identity of the processor or processors in the NeXus 50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p> <p>Once a user enters a command, the NeXus 50 responds with appropriate action as described below.</p>
14.k	(a) in response to a first one of said input commands designating a selected audio program file described on said visual menu listing for causing said audio playback unit to discontinue the reproduction of the currently playing audio program file in said ordered sequence and to instead continue the reproduction at the beginning of said selected audio program file,	<p>In response to a first input command designating a selected audio program file described on said visual menu listing, the NeXus 50 discontinues the reproduction of the currently playing audio program file in said ordered sequence and instead continues the reproduction at the beginning of said selected audio program file.</p> <p>Once a listener enters the command to play a song, the NeXus 50 discontinues playing the current audio program file and begins playing at the beginning of the selected audio program file.</p> <p>"Select the song you want to hear using the arrow and XM buttons. Select Play to begin playing that song." (<i>Nexus 25 &amp; 50 User Guide, pages: 34</i>)</p>
14.l	(b) in response to a second one of said control commands for discontinuing the reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of that audio program file which follows said currently playing audio program file in said	<p>In response to a second control command for discontinuing the reproduction of the currently playing audio program file, the NeXus 50 will instead continue the reproduction at the beginning of that audio program file which follows the currently playing audio program file in the ordered sequence specified by the playback session sequencing file.</p> <p>"Alternatively, while you're listening to a song, simply press the right arrow</p>

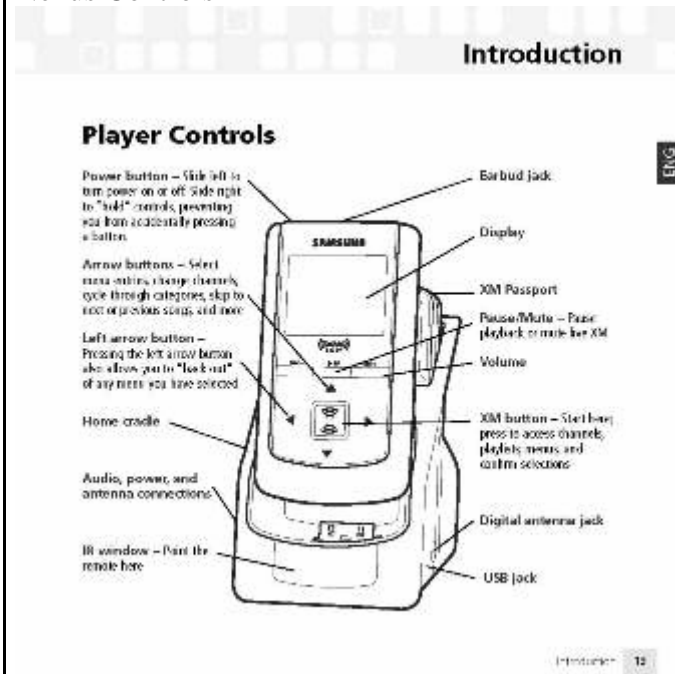
	<p>ordered sequence specified by said playback session sequencing file,</p>	<p>button to skip to the next song. Press the left arrow button to skip to the previous song." (<i>Nexus 25 &amp; 50 User Guide, pages: 32</i>)</p> <p>Once a listener enters the command to skip to the next file in the playlist by pressing the "&gt;&gt;" (fast forward) button, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the file next in the sequence specified by the playlist file.</p> <p>Nexus Controls</p>  <p>(<i>Nexus 25 &amp; 50 User Guide, pages: 13</i>)</p>
14.m	(c) in response to a third one of said control commands accepted from said listener at a time when said currently playing audio	<p>In response to a third control command accepted from the listener at a time when the currently playing audio program file has played for at least a predetermined amount of time, the NeXus 50 discontinues the reproduction of the currently</p>

program file has played for at least a predetermined amount of time by discontinuing the reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of said currently playing audio program file, and

playing audio program file and instead continues the reproduction at the beginning of the currently playing audio program file.

Once a listener enters the command to skip backward by pressing the "<<" (Rewind) button after a predetermined amount of time, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the same audio file that was playing at the time the button was pressed.

### Nexus Controls



(Nexus 25 & 50 User Guide, pages: 13)

"Alternatively, while you're listening to a song, simply press the right arrow button to skip to the next song. Press the left arrow button to skip to the previous

		<p>song." (<i>Nexus 25 &amp; 50 User Guide, pages: 32</i>)</p>
14.n	<p>(d) in response to said third one of said control commands accepted from said listener at a time when said currently playing audio program file has not yet played for said predetermined amount of time for discontinuing the reproduction of the currently playing program file and instead continuing the reproduction at the beginning of that audio program file which precedes the currently playing program segment in said ordered sequence specified by said playback session sequencing file.</p>	<p>In response to a third control command accepted from the listener at a time when the currently playing audio program file has not yet played for a predetermined amount of time, the NeXus 50 discontinues the reproduction of the currently playing program file and instead continues the reproduction at the beginning of that audio program file which precedes the currently playing program segment in the ordered sequence specified by said playback session sequencing file.</p> <p>"Alternatively, while you're listening to a song, simply press the right arrow button to skip to the next song. Press the left arrow button to skip to the previous song." (<i>Nexus 25 &amp; 50 User Guide, pages: 32</i>)</p> <p>Once a listener enters the command to skip backward by pressing the "&lt;&lt;" (rewind) button before a predetermined amount of time has passed, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the audio file that comes before it in the playlist sequence.</p> <p>The predetermined amount of time on the NeXus 50 is approximately 5 seconds. If after the predetermined amount of time has passed the listener presses the "&lt;&lt;" button twice it will go to the previous track. The first press of the button causes the NeXus 50 to go back to the beginning of the current audio program file (as described in Claim 5) and the second press of the button, occurring before the predetermined amount of time elapses, causes the NeXus 50 to continue reproduction at the beginning of the audio program file preceding the current file in the sequence.</p> <p>Nexus Controls</p>

		<p style="text-align: right;"><b>Introduction</b></p> <p><b>Player Controls</b></p> <p>Power button – Slide left to turn power on or off. Slide right to “lock” controls, preventing you from accidentally pressing a button.</p> <p>Earbud jack</p> <p>Display</p> <p>XM Passport</p> <p>Pause/Mute – Pause playback or mute live XM.</p> <p>Volume</p> <p>XM button – Start live; press to access channels, playlists, menus and confirm selections.</p> <p>Digital antenna jack</p> <p>USB jack</p> <p>Home cradle</p> <p>Audio, power, and antenna connections</p> <p>IR window – Point the remote here.</p> <p>Arrow buttons – Select menu options, change channels, cycle through categories, skip to next or previous songs, and more.</p> <p>Left arrow button – Pressing the left arrow button also allows you to “lock out” of any menu you have selected.</p> <p>XM button</p> <p style="text-align: right;">ENG</p> <p style="text-align: right;">Introduction 13</p> <p><i>(Nexus 25 &amp; 50 User Guide, pages: 13)</i></p>
15	The audio program player for automatically playing a collection of audio program files selected by a listener as set forth in claim 14	Every claim limitation of claim 14 is present in the NeXus 50 as described above.
15.a	wherein said display screen visually indicates the currently playing audio program file as playing progresses.	The NeXus 50's display screen visually indicates the currently playing audio program file as playing progresses.  Nexus Display



		<p style="text-align: center;"><b>Introduction</b></p> <p><b>Player Display</b></p> <p><b>Available memory</b> – black portion indicates amount of storage available. White portion indicates amount of storage taken up by locked XM songs (page 35). "1" indicates that there is less than 1 minute of storage available. In "Live XM" mode, you will see a signal strength indicator instead.</p> <p>While listening to "Live XM," this box shows the channel name. During "My Music," this box indicates whether you're viewing all songs or songs by a particular artist, channel, category, or recording session.</p> <p><b>Battery charge</b></p> <p>Mode – "Live XM" or "My Music" recorded content</p> <p>H – "H" indicates that the power switch is set in the "hold" position.</p> <p><b>Clock</b></p> <p>Artist name</p> <p>Song title</p> <p><b>Progress bar</b> – Shows total song length and current location within song during playback.</p> <p><b>Additional symbols:</b></p> <table border="1"> <tr> <td></td> <td>play</td> <td></td> <td>track assigned to a playlist</td> </tr> <tr> <td></td> <td>reverse or fast-forward through track</td> <td></td> <td>PC track is assigned to a playlist</td> </tr> <tr> <td></td> <td>PAUSE</td> <td></td> <td>XM track is locked</td> </tr> <tr> <td></td> <td>skip to previous or next track</td> <td></td> <td>repeat track</td> </tr> <tr> <td></td> <td>PC track (MP3 or WMA file)</td> <td></td> <td>play tracks randomly</td> </tr> </table> <p style="text-align: right;">Introduction 15</p> <p><i>(Nexus 25 &amp; 50 User Guide, pages: 15)</i></p>		play		track assigned to a playlist		reverse or fast-forward through track		PC track is assigned to a playlist		PAUSE		XM track is locked		skip to previous or next track		repeat track		PC track (MP3 or WMA file)		play tracks randomly
	play		track assigned to a playlist																			
	reverse or fast-forward through track		PC track is assigned to a playlist																			
	PAUSE		XM track is locked																			
	skip to previous or next track		repeat track																			
	PC track (MP3 or WMA file)		play tracks randomly																			
28	The audio program player for automatically playing a collection of audio program files selected by a listener as set forth in claim 14	Every claim limitation of claim 14 is present in the NeXus 50 as described above.																				
28.a	wherein each of said audio program files stored in said memory unit is designated by a unique program identifier and	<p>Each of the audio program files stored in the memory unit is designated by a unique program identifier.</p> <p>On information and belief, the NeXus 50 each audio file is designated by a unique program identifier.</p>																				

28.b	wherein said playback session sequencing file specifies the program identifier of each of the audio program files in said collection.	<p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the NeXus 50 is the playlist file. The specific format of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>On information and belief, the playlist file in the NeXus 50 specifies the unique program identifier for the program files included in the playlist file.</p>
29	The audio program player for automatically playing a collection of audio program files selected by a listener as set forth in claim 28	Every claim limitation of claim 28 is present in the NeXus 50 as described above.
29.a	wherein said program description data comprises a plurality of program description records each of which:	<p>The NeXus 50 uses program description data comprising a plurality of program description records.</p> <p>On information and belief, the NeXus 50 stores information about each separate digital audio file as described below.</p>
29.b	(a) describes a given one of said audio program files stored in said memory unit, (b) contains or is designated by the unique program identifier designating said given one of said audio program files, (c) specifies said displayable text describing said given one of said audio program files, and (d) specifies the storage location of said given one of said audio program files.	<p>The NeXus 50 stores program description data that (a) describes a given one of said separate digital compressed audio program files stored in said digital memory unit, (b) contains or is designated by the unique program identifier designating said given one of said audio program files, (c) specifies text displayable on said display screen describing said given one of said separate digital compressed audio program files, and (d) specifies the storage location of said given one of said separate digital compressed audio program files.</p> <p>On information and belief, the NeXus 50 stores a wide range of data that describes the audio files</p>

Sample descriptive data is shown in the Now Playing screen below.

### Nexus Controls

**Introduction**

#### Player Display

**Available memory** – Black portion indicates amount of storage available. White portion indicates amount of storage taken up by loaded XM songs (page 35). "!" indicates that there is less than 3 minutes of storage available. In "Live XM" mode, you will see a signal strength indicator instead.

While listening to "Live XM," this box shows the channel name. During "My Music," this box indicates whether you're viewing all songs or songs by a particular artist, channel, category, or recording session.

**Battery charge**

Mode – "Live XM" or "My Music" recorded content

H – "H" indicates that the power switch is set in the "hold" position.

**Clock**

**Artist name**

**Song title**

**Progress bar** – Shows total song length and current location within song during playback.

Additional symbols:			
	play		track assigned to a playlist
	reverse or fast-forward through track		PC track is assigned to a playlist
	pause		XM track is locked
	skip to previous or next track		repeat track
	PC track (MP3 or WMA file)		play tracks randomly

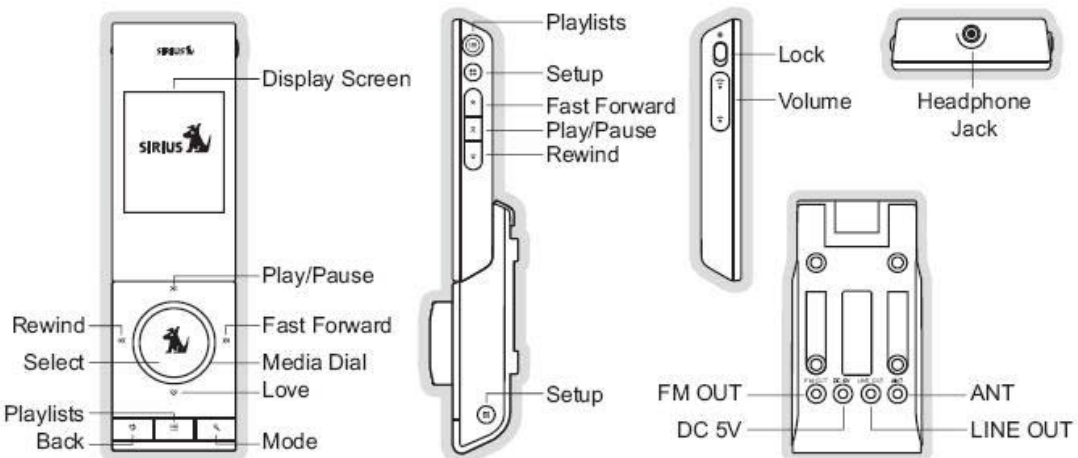
Introduction 15

(Nexus 25 & 50 User Guide, pages: 15)

## EXHIBIT G

### Personal Audio Infringement Contentions for U.S. 7,509,178 Sirius S50

The following sets forth Plaintiff's contentions regarding the manner in which the Sirius' S50 product infringes U.S. Patent No. 7,509,178.

	Claim	Infringement Support
1	An audio program player comprising:	<p>The S50 is a player for reproducing selected audio program segments. Songs, audiobooks or portions of audiobooks, and installments of podcasts are examples of audio program segments.</p> <div style="text-align: center;">  <p><b>Figure 1</b></p> </div> <p><i>(Sirius S50 User Guide, pages: 14)</i></p> <p>"The Sirius S50 allows you to capture and store up to 50 hours of SIRIUS Satellite</p>

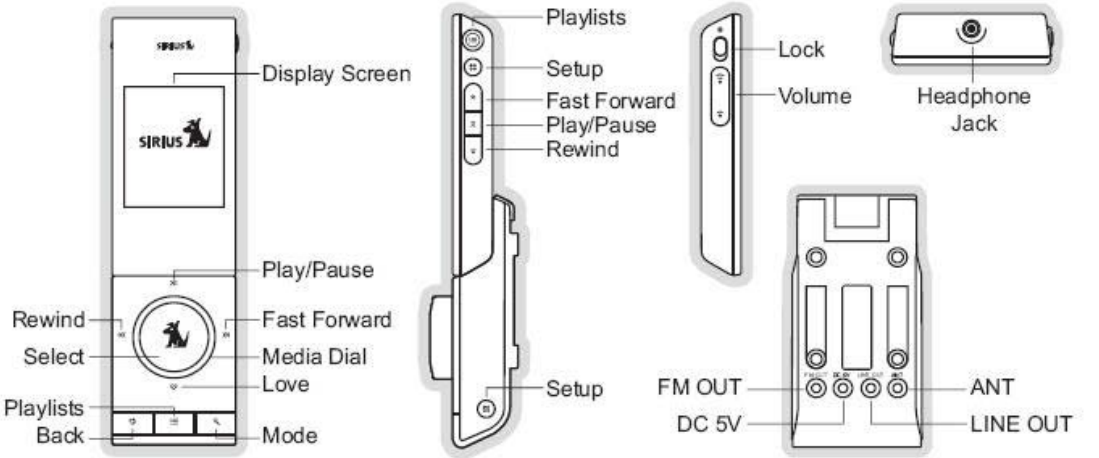
	Claim	Infringement Support
		Radio content, or a mix of SIRIUS programming and MP3/WMA files, for portable entertainment." ( <i>Sirius S50 User Guide, pages: 1</i> )
1.a	a communications port for establishing a data communications link for downloading a plurality of separate digital compressed audio program files and a separate sequencing file from one or more server computers,	<p>The S50 has a communications port for establishing a data communications link for downloading a plurality of separate digital compressed audio program files and a separate sequencing file from one or more server computers.</p> <p>The communications port is the docking connector on the bottom of the S50</p> <p>"To connect the media player to a computer, connect one end of the USB cable to the media player and the other end to an available USB port on the computer." (<i>Sirius S50 User Guide, pages: 37</i>)</p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the S50 is the playlist file. The specific format and contents of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>"The My Sirius Studio software included with your Sirius S50 allows you to connect your Sirius S50 to your PC.</p> <p>The following list provides a few highlights of the capabilities of the software:</p> <p>Create playlists and download songs to the playlists..." (<i>Sirius S50 User Guide, pages: 90</i>)</p> <p>The S50 supports a plurality of program segment types. Program segments are, for example, songs.</p> <p>"The playback environment allows you to listen to songs, shows, and MP3s which</p>

	Claim	Infringement Support
		<p>has been saved in the Sirius S50...</p> <p>My Playlists. This playlist contains audio files (MP3 and WMA format) which you have downloaded from your PC using the My Sirius Studio software. You may design this category in any way you wish, using the software application." (<i>Sirius S50 User Guide, pages: 56</i>)</p> <p>The digital compressed audio program files are separate from the sequencing file.</p>
1.b	<p>a digital memory unit coupled to said communications port for persistently storing said separate digital compressed audio program files and said separate sequencing file, said sequencing file containing data specifying an ordered sequence of a collection of said separate digital compressed audio program files,</p>	<p>The S50 has a digital memory unit coupled to the communications port for persistently storing said separate digital compressed audio program files and said separate sequencing file, said sequencing file containing data specifying an ordered sequence of a collection of said separate digital compressed audio program files.</p> <p>The digital memory unit in the S50 is a flash memory drive.</p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the S50 is the playlist file. The specific format of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>"Memory Capacity...1GB" (<i>Sirius S50 User Guide, pages: 104</i>)</p> <p>"As much as half of the total memory storage space (512MB) is available for MP3 or WMA files downloaded from your computer." (<i>Sirius S50 User Guide, pages: 52</i>)</p> <p>"In the playback environment, the playlists are arranged into several categories...</p> <p>My Playlists. This playlist contains audio files (MP3 and WMA format) which you</p>

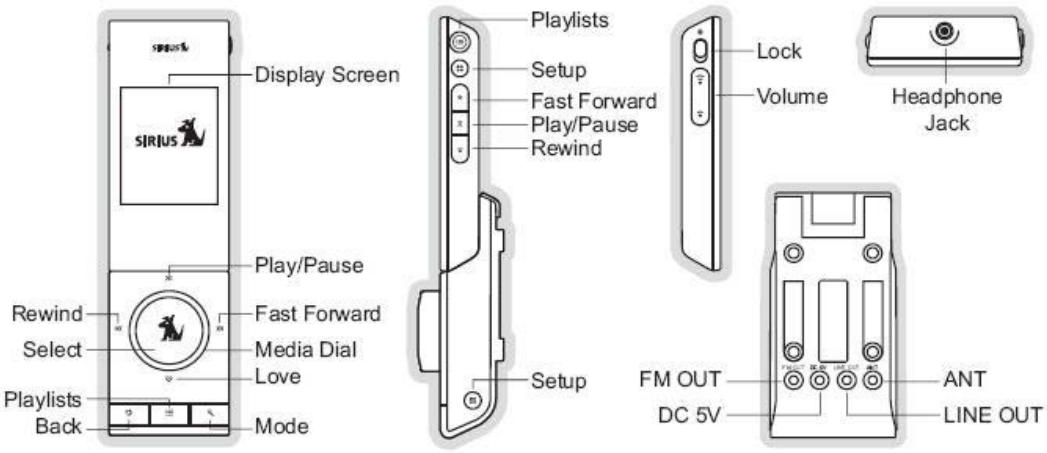
	<b>Claim</b>	<b>Infringement Support</b>
		<p>have downloaded from your PC using the My Sirius Studio software. You may design this category in any way you wish, using the software application." (<i>Sirius S50 User Guide, pages: 56</i>)</p>
1.c	<p>an audio output unit including at least one speaker or headset for reproducing said audio program files in audible form perceptible to a listener,</p>	<p>The S50 includes an audio output unit including at least one speaker or headset for reproducing said audio program files in audible form perceptible to the listener.</p> <p>This audio output unit is earbuds provided with the S50 which plug into an interface with the 1/8" (3.5mm) audio jack on the S50 (labeled "Headphone Jack")</p> <p>"When using the media player: Check that the ear buds are plugged into the headphone jack securely." (<i>Sirius S50 User Guide, pages: 101</i>)</p> <p>Ear buds:</p>

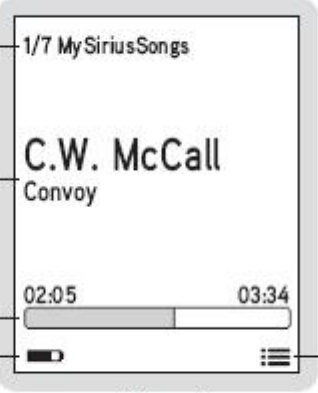
	Claim	Infringement Support
		<div> <p>The image shows two items: a rectangular Sirius S50 Media Player with a screen displaying the Sirius logo and a dog, and a pair of earbuds with a coiled cable and two ear pads. The items are labeled 'Media Player' and 'Ear Buds &amp; Pads' respectively.</p> </div> <p><i>(Sirius S50 User Guide, pages: 12)</i></p> <p>Sirius also contributorily infringes this claim element when the device is used with any output means, including but not limited to headphones or speakers, not sold with the S50 or by Sirius.</p>
1.d	one or more manual controls for accepting commands from said listener, and	The S50 has one or more manual controls for accepting commands from the listener in the form of the media dial and buttons.

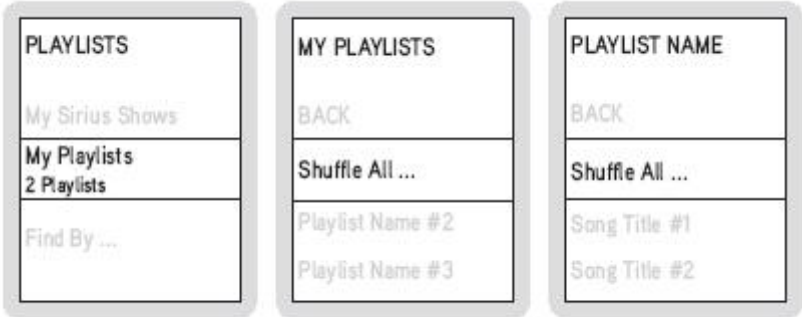


	Claim	Infringement Support
		 <p>Figure 1</p> <p>(Sirius S50 User Guide, pages: 14)</p>
1.e	<p>a processor for continuously delivering a succession of said audio program files in said collection to said audio output unit in said ordered sequence specified by said sequencing file in the absence of a program selection command from said listener, and for discontinuing the reproduction of the currently playing audio program file and instead continuing the reproduction at the beginning of a listener-selected one of said audio program files in said collection in response to a program selection command from said listener.</p>	<p>The S50 contains one or more processors for continuously delivering a succession of said audio program files in said collection to said audio output unit in said ordered sequence specified by said sequencing file in the absence of a program selection command from said listener, and for discontinuing the reproduction of the currently playing audio program file and instead continuing the reproduction at the beginning of a listener-selected one of said audio program files in said collection in response to a program selection command from said listener.</p> <p>The identity of the processor or processors in the S50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p> <p>Once a listener has started reproducing a playlist, it continuously delivers a succession of audio files in the collection to the headphones (or speaker if applicable)</p>

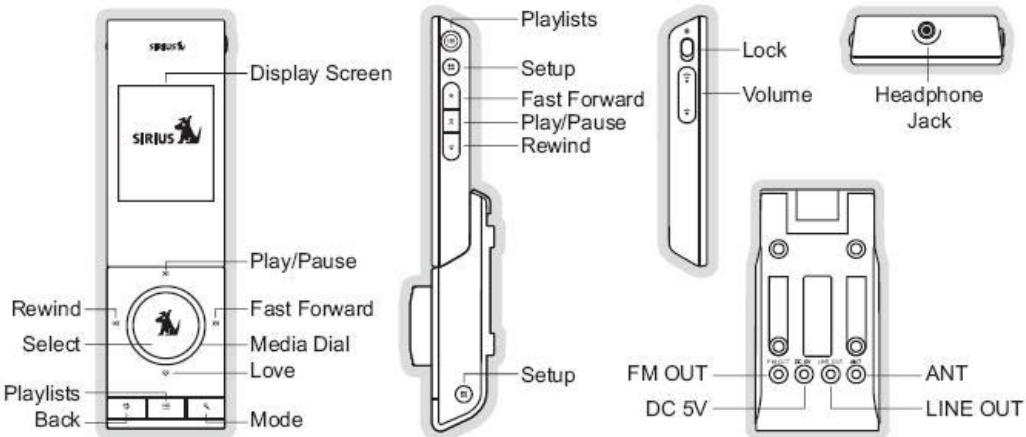
	Claim	Infringement Support
		<p>in the order specified by the playlist in the absence of commands from the listener. During the reproduction of a playlist to the listener, if the listener issues a program selection command, then the S50 will discontinue reproducing the current playing audio program file and instead continue the reproduction at the beginning the audio program file selected by the listener.</p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the S50 is the playlist file. The specific format of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>"In the playback environment, the playlists are arranged into several categories...</p> <p>My Playlists. This playlist contains audio files (MP3 and WMA format) which you have downloaded from your PC using the My Sirius Studio software. You may design this category in any way you wish, using the software application." (<i>Sirius S50 User Guide, pages: 56</i>)</p> <p>"Playing Audio Files from My Playlists</p> <p>Press the Playlists button.  Select My Playlists  Select a Playlist  Select an audio file (or Shuffle)." (<i>Sirius S50 User Guide, pages: 59</i>)</p>
2	The audio program player as set forth in claim 1 further comprising	Every claim limitation of claim 1 is present in the S50 as described above.
2.a	a display screen for displaying a scrollable listing describing each of said separate	The S50 has a display screen for displaying a scrollable listing describing each of said separate digital compressed audio program files in said collection displayed in said
















	Claim	Infringement Support
	<p>digital compressed audio program files in said collection displayed in said ordered sequence specified by said sequencing file</p>	<p>ordered sequence specified by said sequencing file.</p> <p>The S50's display screen is an LCD screen. The display screen displays a scrollable listing for each separate file in said ordered sequence file (playlist).</p>  <p><b>Figure 1</b></p> <p>(Sirius S50 User Guide, pages: 14)</p> <p>"Display Screen Information  The display screen of the Sirius S50 provides information about the operation of the Sirius S50, such as the currently tuned channel, song or show being played, mode, status, recording, and other information. Figure 1 identifies the display screen information when listening to a live broadcast and when playing back saved content."</p>

	Claim	Infringement Support
		<p style="text-align: center;"><b>Playback</b></p>  <p style="text-align: center;"><b>Figure 1</b></p> <p><i>(Sirius S50 User Guide, pages: 21)</i></p>
2.b	<p>wherein said listener-selected audio program file is chosen by said listener by employing one or more of said manual controls to accept a program selection command from said listener to select one of said audio program files described on said scrollable listing for immediate reproduction by said audio output unit.</p>	<p>The S50 allows the listener to select said audio program file by employing one or more of said manual controls to accept a program selection command from said listener to select one of said audio program files described on said scrollable listing for immediate reproduction by said audio output unit.</p> <p>Once the selection has been made, the S50 begins reproducing the audio file.</p> <p>"The Media Dial also provides for selecting four other functions when pressed at the north, south, east, or west positions ... ( Play/Pause, Love, Fast-Forward, and Rewind)." <i>(Sirius S50 User Guide, pages: 22)</i></p> <p>"Playing Audio Files from My Playlists</p> <p>Press the Playlists button. Select My Playlists</p>

	Claim	Infringement Support
		<p>Select a Playlist Select an audio file (or Shuffle)." (<i>Sirius S50 User Guide, pages: 59</i>)</p>  <p style="text-align: center;"><b>Figure 4</b></p> <p>(<i>Sirius S50 User Guide, pages: 59</i>)</p>
3	The audio program player as set forth in claim 2	Every claim limitation of claim 2 is present in the S50 as described above.
3.a	wherein said display screen provides a visible indication of said currently playing audio program file in the collection of programs specified by said sequencing file and described on said scrollable listing.	<p>The display screen on the S50 provides a visual indication of the currently playing audio program file in the collection of programs specified by said sequencing file and described on said scrollable listing.</p> <p>When a song is playing, the S50 displays song information, including song title and artist name.</p> <p>"Display Screen Information The display screen of the Sirius S50 provides information about the operation of the Sirius S50, such as the currently tuned channel, song or show being played, mode, status, recording, and other information. Figure 1 identifies the display screen</p>
















	Claim	Infringement Support
		<p>information when listening to a live broadcast and when playing back saved content."</p> <div style="text-align: center;"> <p>The screenshot shows a playback interface with the following elements:</p> <ul style="list-style-type: none"> <li><b>Playlist Information:</b> 1/7 MySiriusSongs</li> <li><b>Song/Show Title &amp; Artist or Sports Team &amp; Game Score Information:</b> C.W. McCall, Convoy</li> <li><b>Playback Time Information or Audio Volume Information:</b> A progress bar showing 02:05 elapsed and 03:34 total duration.</li> <li><b>Battery Condition Indicator:</b> A battery icon on the left.</li> <li><b>Mode Indicator:</b> A menu icon on the right.</li> </ul> <p><b>Figure 1</b></p> </div> <p><i>(Sirius S50 User Guide, pages: 21)</i></p>
4	The audio program player as set forth in claim 3	Every claim limitation of claim 3 is present in the S50 as described above.
4.a	wherein said processor responds to a skip forward program selection command accepted from said listener by discontinuing the reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of that audio program file which follows said currently audio program file in said ordered sequence specified by said sequencing file.	<p>The S50 contains one or more processors that respond to a skip forward program selection command accepted from said listener by discontinuing the reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of that audio program file which follows said currently audio program file in said ordered sequence specified by said sequencing file.</p> <p>The identity of the processor or processors in the S50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p>

	Claim	Infringement Support
		<p>Once a listener enters the command to skip to the next file in the playlist by pressing the "&gt;&gt;" (fast forward) button, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the file next in the sequence specified by the playlist file.</p>  <p>Figure 1 consists of three diagrams of the Sirius S50 device. The front view on the left shows a 'Display Screen' at the top, a 'Play/Pause' button below it, a circular 'Media Dial' with 'Rewind', 'Select', 'Fast Forward', and 'Love' buttons around it, and a bottom row of buttons for 'Playlists', 'Back', and 'Mode'. The side view in the middle shows buttons for 'Playlists', 'Setup', 'Fast Forward', 'Play/Pause', 'Rewind', and another 'Setup' button at the bottom. The rear view on the right shows a 'Lock' button, a 'Volume' slider, a 'Headphone Jack', and a port panel with 'FM OUT', 'DC 5V', 'ANT', and 'LINE OUT' connections.</p> <p>(Sirius S50 User Guide, pages: 14)</p> <p>Vehicle Dock Buttons:</p>

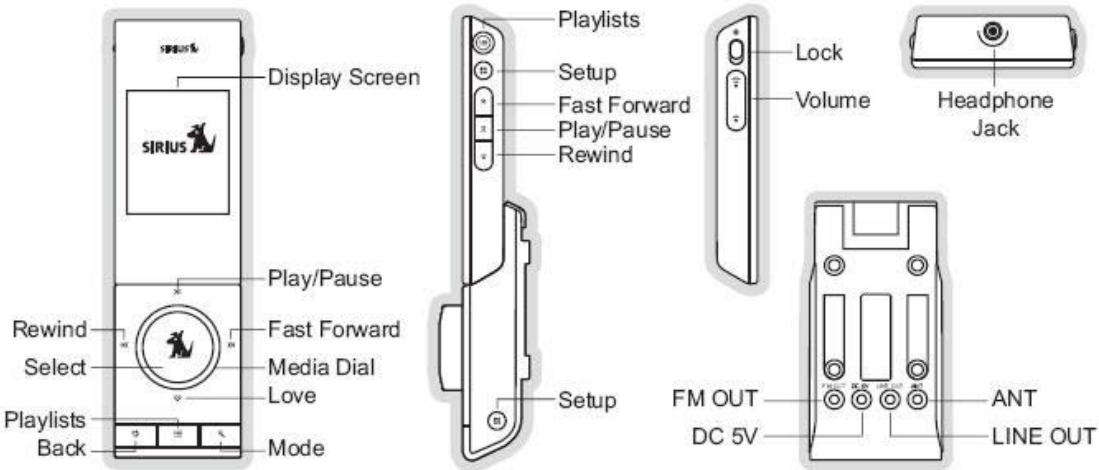
	Claim	Infringement Support																																
		<table border="1"> <tr> <td rowspan="2">   <b>Rewind</b> </td> <td>Press</td> <td>Rewinds a broadcast to previous song or show</td> <td>Rewinds to the previous song or show</td> </tr> <tr> <td>Hold</td> <td>Rewinds through a broadcast</td> <td>Rewinds through song or show</td> </tr> <tr> <td rowspan="2">   <b>Fast-Forward</b> </td> <td>Press</td> <td>Fast-Forwards the replay buffer to the next song or show</td> <td>Fast-Forwards to the next song or show</td> </tr> <tr> <td>Hold</td> <td>Fast-Forwards through the replay buffer</td> <td>Fast-Forwards through song or show</td> </tr> </table> <p><i>(Sirius S50 User Guide, pages: 15)</i></p> <p>Media Player Buttons:</p> <table border="1"> <tr> <td rowspan="2">   <b>Rewind</b> </td> <td>Press</td> <td>If listening, rewinds to the previous song or show If in a menu, scrolls down</td> </tr> <tr> <td>Hold</td> <td>If listening, rewinds through song or show If in a menu, scrolls down until the button is released</td> </tr> <tr> <td rowspan="2">   <b>Play/Pause</b> </td> <td>Press</td> <td>Plays or pauses a song or show Selects highlighted items in lists, menus, or prompts</td> </tr> <tr> <td>Hold</td> <td>When listening to playlists, displays Save or Delete prompt When listening to My Sirius Channels, allows you to Love songs</td> </tr> <tr> <td rowspan="2">   <b>Fast-Forward</b> </td> <td>Press</td> <td>If Listening, Fast-Forwards to the next song or show If in a menu, scrolls up</td> </tr> <tr> <td>Hold</td> <td>Fast-Forwards through song or show If in a menu, scrolls up until the button is released</td> </tr> </table> <p><i>(Sirius S50 User Guide, pages: 18)</i></p>				 <b>Rewind</b>	Press	Rewinds a broadcast to previous song or show	Rewinds to the previous song or show	Hold	Rewinds through a broadcast	Rewinds through song or show	 <b>Fast-Forward</b>	Press	Fast-Forwards the replay buffer to the next song or show	Fast-Forwards to the next song or show	Hold	Fast-Forwards through the replay buffer	Fast-Forwards through song or show	 <b>Rewind</b>	Press	If listening, rewinds to the previous song or show If in a menu, scrolls down	Hold	If listening, rewinds through song or show If in a menu, scrolls down until the button is released	 <b>Play/Pause</b>	Press	Plays or pauses a song or show Selects highlighted items in lists, menus, or prompts	Hold	When listening to playlists, displays Save or Delete prompt When listening to My Sirius Channels, allows you to Love songs	 <b>Fast-Forward</b>	Press	If Listening, Fast-Forwards to the next song or show If in a menu, scrolls up	Hold	Fast-Forwards through song or show If in a menu, scrolls up until the button is released
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5	The audio program player as set forth in claim 4	Every claim limitation of claim 4 is present in the S50 as described above.																																



	Claim	Infringement Support
5.a	<p>wherein said processor responds to a skip backward program selection command accepted from said listener at a time when said currently playing audio program file has played for at least a predetermined amount of time by discontinuing the reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of said currently playing audio program file.</p>	<p>The S50 contains one or more processors that respond to a skip backward program selection command accepted from said listener at a time when said currently playing audio program file has played for at least a predetermined amount of time by discontinuing the reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of said currently playing audio program file.</p> <p>The identity of the processor or processors in the S50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p> <p>Once a listener enters the command to skip backward by pressing the "&lt;&lt;" (Rewind) button after a predetermined amount of time, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the same audio file that was playing at the time the button was pressed.</p> <div> <p>The diagram, labeled Figure 1, illustrates the Sirius S50 device from three perspectives: front, side, and rear. The front view shows a display screen at the top, a Play/Pause button, a Media Dial with a central logo, and a bottom row of buttons including Rewind, Select, Playlists, Back, Fast Forward, Love, and Mode. The side view shows buttons for Playlists, Setup, Fast Forward, Play/Pause, and Rewind. The rear view shows a Lock button, a Volume slider, a Headphone Jack, and three output ports labeled FM OUT, DC 5V, and ANT, along with a LINE OUT port.</p> </div>

	Claim	Infringement Support																																			
		<p><i>(Sirius S50 User Guide, pages: 14)</i></p> <p>Vehicle Dock Buttons:</p> <table border="1"> <tbody> <tr> <td rowspan="2">   <b>Rewind</b> </td> <td>Press</td> <td>Rewinds a broadcast to previous song or show</td> <td>Rewinds to the previous song or show</td> </tr> <tr> <td>Hold</td> <td>Rewinds through a broadcast</td> <td>Rewinds through song or show</td> </tr> <tr> <td rowspan="2">   <b>Fast-Forward</b> </td> <td>Press</td> <td>Fast-Forwards the replay buffer to the next song or show</td> <td>Fast-Forwards to the next song or show</td> </tr> <tr> <td>Hold</td> <td>Fast-Forwards through the replay buffer</td> <td>Fast-Forwards through song or show</td> </tr> </tbody> </table> <p><i>(Sirius S50 User Guide, pages: 15)</i></p> <p>Media Player Buttons:</p> <table border="1"> <tbody> <tr> <td rowspan="2">   <b>Rewind</b> </td> <td>Press</td> <td colspan="2">If listening, rewinds to the previous song or show If in a menu, scrolls down</td> </tr> <tr> <td>Hold</td> <td colspan="2">If listening, rewinds through song or show If in a menu, scrolls down until the button is released</td> </tr> <tr> <td rowspan="2">   <b>Play/Pause</b> </td> <td>Press</td> <td colspan="2">Plays or pauses a song or show Selects highlighted items in lists, menus, or prompts</td> </tr> <tr> <td>Hold</td> <td colspan="2">When listening to playlists, displays Save or Delete prompt When listening to My Sirius Channels, allows you to Love songs</td> </tr> <tr> <td rowspan="2">   <b>Fast-Forward</b> </td> <td>Press</td> <td colspan="2">If Listening, Fast-Forwards to the next song or show If in a menu, scrolls up</td> </tr> <tr> <td>Hold</td> <td colspan="2">Fast-Forwards through song or show If in a menu, scrolls up until the button is released</td> </tr> </tbody> </table>	 <b>Rewind</b>	Press	Rewinds a broadcast to previous song or show	Rewinds to the previous song or show	Hold	Rewinds through a broadcast	Rewinds through song or show	 <b>Fast-Forward</b>	Press	Fast-Forwards the replay buffer to the next song or show	Fast-Forwards to the next song or show	Hold	Fast-Forwards through the replay buffer	Fast-Forwards through song or show	 <b>Rewind</b>	Press	If listening, rewinds to the previous song or show If in a menu, scrolls down		Hold	If listening, rewinds through song or show If in a menu, scrolls down until the button is released		 <b>Play/Pause</b>	Press	Plays or pauses a song or show Selects highlighted items in lists, menus, or prompts		Hold	When listening to playlists, displays Save or Delete prompt When listening to My Sirius Channels, allows you to Love songs		 <b>Fast-Forward</b>	Press	If Listening, Fast-Forwards to the next song or show If in a menu, scrolls up		Hold	Fast-Forwards through song or show If in a menu, scrolls up until the button is released	
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	Claim	Infringement Support
		<i>(Sirius S50 User Guide, pages: 18)</i>
6	The audio program player as set forth in claim 5	Every claim limitation of claim 5 is present in the S50 as described above.
6.a	wherein said processor responds to a skip backward program selection command accepted from said listener at a time when said currently playing audio program file has not yet played for said predetermined amount of time for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which precedes the currently playing program segment in said ordered sequence specified by said sequencing file.	<p>The S50 contains one or more processors that respond to a skip backward program selection command accepted from said listener at a time when said currently playing audio program file has not yet played for said predetermined amount of time for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which precedes the currently playing program segment in said ordered sequence specified by said sequencing file.</p> <p>The identity of the processor or processors in the S50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p> <p>Once a listener enters the command to skip backward by pressing the "&lt;&lt;" (rewind) button before a predetermined amount of time has passed, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the audio file that comes before it in the playlist sequence.</p> <p>The predetermined amount of time on the S50 is approximately 5 seconds. If after the predetermined amount of time has passed the listener presses the "&lt;&lt;" button twice it will go to the previous track. The first press of the button causes the S50 to go back to the beginning of the current audio program file (as described in Claim 5) and the second press of the button, occurring before the predetermined amount of time elapses, causes the S50 to continue reproduction at the beginning of the audio program file preceding the current file in the sequence.</p>

	Claim	Infringement Support
		 <p><b>Figure 1</b></p> <p>(Sirius S50 User Guide, pages: 14)</p> <p>"The Back button has two main functions: To jump to a pre-programmed traffic/weather channel (or other channel), or to return back to a previous channel, song, show, menu, or list. The back or jump function is controlled by whether the button is pressed and released, or pressed and held. Both functions are described in the following table:</p>

	Claim	Infringement Support									
		<table border="1"> <thead> <tr> <th></th> <th>Press and Release</th> <th>Press and Hold</th> </tr> </thead> <tbody> <tr> <td>Listening Live or Playback</td> <td>Returns to the previous content</td> <td>When listening live, jumps to programmed channel: Traffic/Weather report or other channel</td> </tr> <tr> <td>Browsing a Menu or List</td> <td>Returns to previous menu or list</td> <td>If in a list or in the Setup Menu, exits the list or Setup Menu</td> </tr> </tbody> </table> <p><i>(Sirius S50 User Guide, pages: 73)</i></p>		Press and Release	Press and Hold	Listening Live or Playback	Returns to the previous content	When listening live, jumps to programmed channel: Traffic/Weather report or other channel	Browsing a Menu or List	Returns to previous menu or list	If in a list or in the Setup Menu, exits the list or Setup Menu
	Press and Release	Press and Hold									
Listening Live or Playback	Returns to the previous content	When listening live, jumps to programmed channel: Traffic/Weather report or other channel									
Browsing a Menu or List	Returns to previous menu or list	If in a list or in the Setup Menu, exits the list or Setup Menu									
9	The audio program player as set forth in claim 1	Every claim limitation of claim 1 is present in the S50 as described above.									
9.a	wherein each audio program file in said collection specified by said sequencing file is selected in accordance with program preference data or program selections accepted from said listener to define a playback session that is personalized to the preferences of said listener.	<p>The S50 contains an audio program file in said collection specified by said sequencing file that is selected in accordance with program preference data or program selections accepted from said listener to define a playback session that is personalized to the preferences of said listener.</p> <p>The S50 is designed and configured to contain playlists and audio program files that are generated in multiple different ways. The playlist and the specified audio files are downloaded to the S50 in accordance with the claim limitations described above. Sirius provides instructions for a listener to create playlists.</p> <p>"In the playback environment, the playlists are arranged into several categories...</p> <p>My Playlists. This playlist contains audio files (MP3 and WMA format) which you have downloaded from your PC using the My Sirius Studio software. You may design this category in any way you wish, using the software application." <i>(Sirius S50 User Guide, pages: 56)</i></p> <p>"The My Sirius Studio software included with your Sirius S50 allows you to connect</p>									

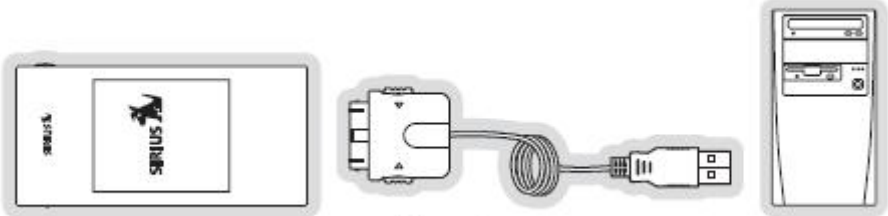
	Claim	Infringement Support
		<p>your Sirius S50 to your PC.</p> <p>The following list provides a few highlights of the capabilities of the software:</p> <p>Create playlists and download songs to the playlists..." (<i>Sirius S50 User Guide, pages: 90</i>)</p>
14	<p>An audio program player for automatically playing a collection of audio program files selected by a listener, said player comprising, in combination:</p>	<p>The S50 is an audio program player that automatically plays a collection of audio program files selected by a listener. Songs, audiobooks or portions of audiobooks, installments of podcasts, and audio portions of videos are examples of audio program files.</p> <div> </div> <p style="text-align: center;"><b>Figure 1</b></p> <p>(<i>Sirius S50 User Guide, pages: 14</i>)</p>

	<b>Claim</b>	<b>Infringement Support</b>
		"The Sirius S50 allows you to capture and store up to 50 hours of SIRIUS Satellite Radio content, or a mix of SIRIUS programming and MP3/WMA files, for portable entertainment." ( <i>Sirius S50 User Guide, pages: 1</i> )
14.a	a memory unit for storing:	The S50 has a memory unit for storing.  The digital memory unit in the S50 is a flash memory drive.  "Memory Capacity...1GB" ( <i>Sirius S50 User Guide, pages: 104</i> )
14.b	(a) a plurality of audio program files,	The S50 has a memory unit that stores a plurality of audio program files.  The S50 supports a plurality of program segment types. Program segments are, for example, songs.  "The Sirius S50 allows you to capture and store up to 50 hours of SIRIUS Satellite Radio content, or a mix of SIRIUS programming and MP3/WMA files, for portable entertainment." ( <i>Sirius S50 User Guide, pages: 1</i> )  "As much as half of the total memory storage space (512MB) is available for MP3 or WMA files downloaded from your computer." ( <i>Sirius S50 User Guide, pages: 52</i> )
14.c	(b) program description data including displayable text describing each of said audio program files, and	The S50 has a memory unit for storing program description data including displayable text describing each of the audio program files.  Text describing the program files is displayed on the screen and includes, but is not limited to, the artist and song name. This text is program description data stored on the memory unit.

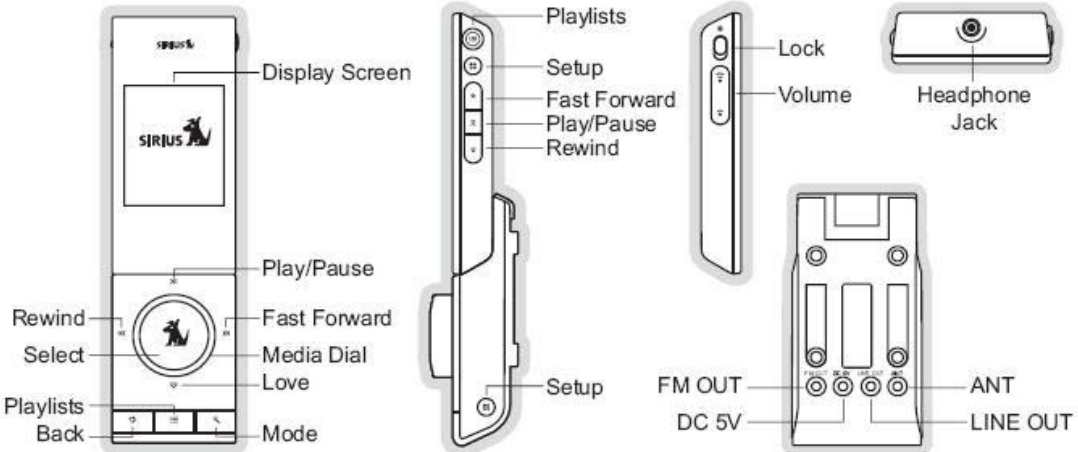
	Claim	Infringement Support
		<p>"Display Screen Information The display screen of the Sirius S50 provides information about the operation of the Sirius S50, such as the currently tuned channel, song or show being played, mode, status, recording, and other information. Figure 1 identifies the display screen information when listening to a live broadcast and when playing back saved content."</p> <div style="text-align: center;"> <p>Figure 1</p> </div> <p>(<i>Sirius S50 User Guide, pages: 21</i>)</p>
14.d	(c) at least one separately stored playback session sequencing file which specifies an ordered sequence of a collection of said plurality of audio program files,	<p>The S50 separately stores at least one playback session sequencing file which specifies an ordered sequence of a collection of the plurality of audio program files.</p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the S50 is the playlist file. The specific format and contents of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p>

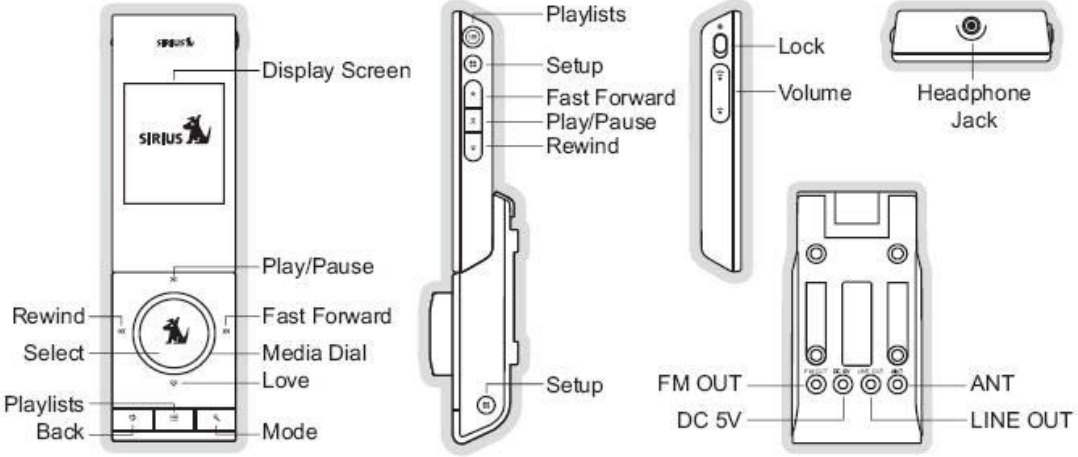


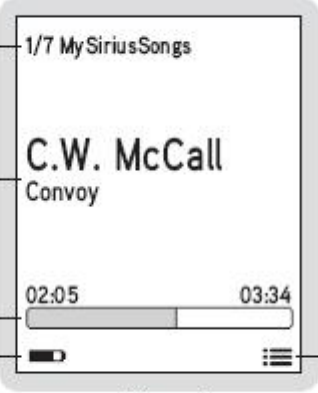
	<b>Claim</b>	<b>Infringement Support</b>
		<p>"In the playback environment, the playlists are arranged into several categories...</p> <p>My Playlists. This playlist contains audio files (MP3 and WMA format) which you have downloaded from your PC using the My Sirius Studio software. You may design this category in any way you wish, using the software application." (<i>Sirius S50 User Guide, pages: 56</i>)</p> <p>"The My Sirius Studio software included with your Sirius S50 allows you to connect your Sirius S50 to your PC.</p> <p>The following list provides a few highlights of the capabilities of the software:</p> <p>Create playlists and download songs to the playlists..." (<i>Sirius S50 User Guide, pages: 90</i>)</p>
14.e	<p>a communications port for downloading at least some of said audio program files and said playback session sequencing file from said one or more server computers, at least some of said audio program files downloaded from said one or more server computers being selected by said listener from a library of audio program files available from said one or more server computers, and</p>	<p>The S50 has a communications port for downloading at least some of the audio program files and the playback session sequencing file from the one or more server computers, at least some of the audio program files downloaded from the one or more server computers being selected by the listener from a library of audio program files available from the one or more server computers.</p> <p>The communications port is the docking connector on the bottom of the S50</p> <p>"To connect the media player to a computer, connect one end of the USB cable to the media player and the other end to an available USB port on the computer."</p>

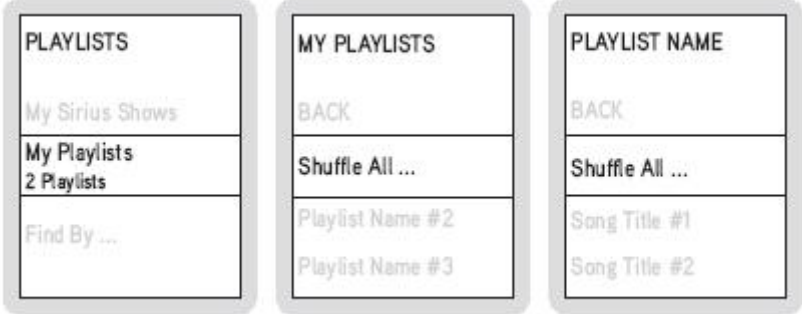
	Claim	Infringement Support
		 <p style="text-align: center;"><b>Figure 4</b></p> <p><i>(Sirius S50 User Guide, pages: 41)</i></p> <p>"The My Sirius Studio software included with your Sirius S50 allows you to connect your Sirius S50 to your PC.</p> <p>The following list provides a few highlights of the capabilities of the software:</p> <p>Create playlists and download songs to the playlists..." <i>(Sirius S50 User Guide, pages: 90)</i></p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the S50 is the playlist file. The specific format of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>When the S50 downloads files, at least some of the audio files are selected by the listener from a library of audio program files available from one or more server computer. For example, the playlists may be created by the listener on the server computer.</p> <p>"The playback environment allows you to listen to songs, shows, and MP3s which has been saved in the Sirius S50..."</p>

	Claim	Infringement Support
		<p>My Playlists. This playlist contains audio files (MP3 and WMA format) which you have downloaded from your PC using the My Sirius Studio software. You may design this category in any way you wish, using the software application." (<i>Sirius S50 User Guide, pages: 56</i>)</p>
14.f	<p>said audio program files in said collection specified by said playback session sequencing file being selected by or on behalf of said listener to produce a personalized playback session,</p>	<p>In the S50, the audio program files in the collection specified by the playback session sequencing file are selected by or on behalf of the listener to produce a personalized playback session.</p> <p>The S50 is designed and configured to contain playlists and audio program files that are generated in multiple different ways. The playlist and the specified audio files are downloaded to the S50 in accordance with the claim limitations described above. Sirius provides instructions for a listener to create playlists.</p> <p>Once a listener creates a playlist, the audio files in the playlist are selected in accordance with program selections accepted from the listener.</p> <p>"The My Sirius Studio software included with your Sirius S50 allows you to connect your Sirius S50 to your PC.</p> <p>The following list provides a few highlights of the capabilities of the software:</p> <p>Create playlists and download songs to the playlists..." (<i>Sirius S50 User Guide, pages: 90</i>)</p> <p>"My Playlists. This playlist contains audio files (MP3 and WMA format) which you have downloaded from your PC using the My Sirius Studio software. You may design this category in any way you wish, using the software application." (<i>Sirius S50 User Guide, pages:</i></p>

	Claim	Infringement Support
		56)
14.g	one or more controls for accepting input commands from said listener,	<p>The S50 has one or more controls for accepting input commands from the listener through the media dial and buttons.</p> <p>"The Media Dial also provides for selecting four other functions when pressed at the north, south, east, or west positions ... ( Play/Pause, Love, Fast-Forward, and Rewind)." (<i>Sirius S50 User Guide, pages: 22</i>)</p>  <p style="text-align: center;"><b>Figure 1</b></p> <p>(<i>Sirius S50 User Guide, pages: 14</i>)</p>
14.h	a display screen for presenting a visual menu listing to said listener containing	The S50 has a display screen in the form of an LCD screen with an LED backlight. The display screen displays a visual menu listing to the listener that contains text

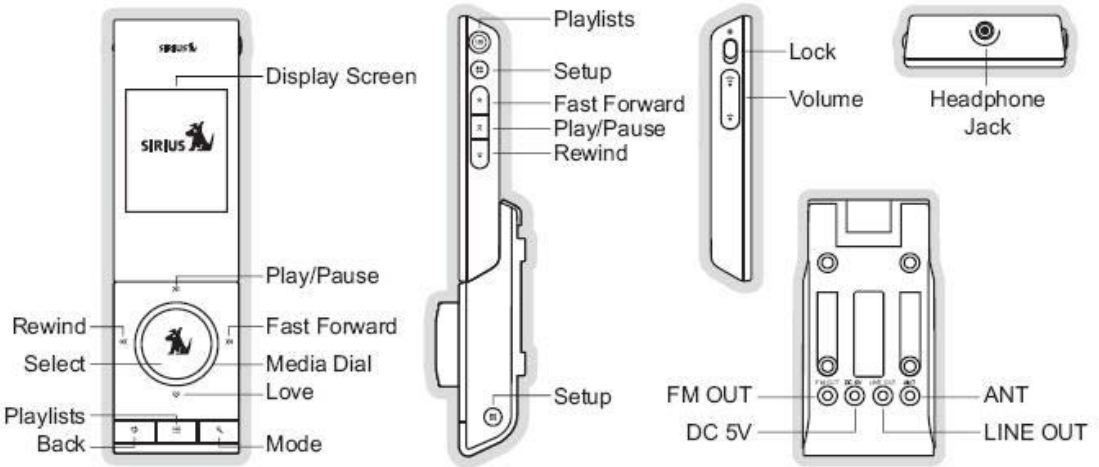
	Claim	Infringement Support
	<p>displayable text describing some or all of the audio program files in said collection specified by said sequencing file,</p>	<p>describing some or all of the audio files in the playlist.</p>  <p><b>Figure 1</b></p> <p><i>(Sirius S50 User Guide, pages: 14)</i></p> <p>"Display Screen Information  The display screen of the Sirius S50 provides information about the operation of the Sirius S50, such as the currently tuned channel, song or show being played, mode, status, recording, and other information. Figure 1 identifies the display screen information when listening to a live broadcast and when playing back saved content."</p>

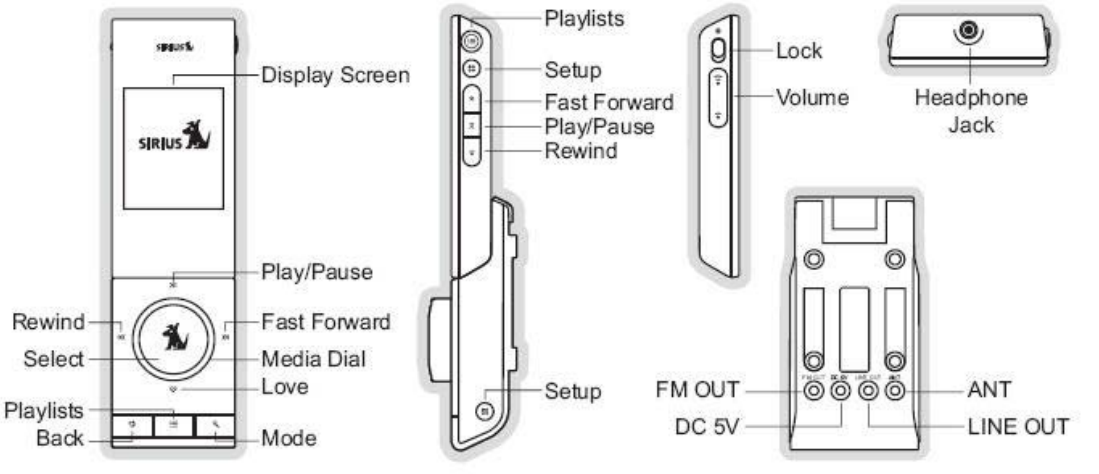
	Claim	Infringement Support
		<p style="text-align: center;"><b>Playback</b></p>  <p>The screenshot shows a playback screen with the following elements labeled:</p> <ul style="list-style-type: none"> <li><b>Playlist Information:</b> 1/7 MySiriusSongs</li> <li><b>Song/Show Title &amp; Artist or Sports Team &amp; Game Score Information:</b> C.W. McCall, Convoy</li> <li><b>Playback Time Information or Audio Volume Information:</b> 02:05 / 03:34</li> <li><b>Battery Condition Indicator:</b> A battery icon at the bottom left.</li> <li><b>Mode Indicator:</b> A menu icon at the bottom right.</li> </ul> <p style="text-align: center;"><b>Figure 1</b></p> <p><i>(Sirius S50 User Guide, pages: 21)</i></p> <p>"Playing Audio Files from My Playlists</p> <p>Press the Playlists button.  Select My Playlists  Select a Playlist  Select an audio file (or Shuffle)." <i>(Sirius S50 User Guide, pages: 59)</i></p>
















	Claim	Infringement Support
		 <p style="text-align: center;"><b>Figure 4</b></p> <p><i>(Sirius S50 User Guide, pages: 59)</i></p>
14.i	<p>an audio playback unit for automatically and continuously reproducing said audio program files in said collection in the ordered sequence specified by said playback session sequencing file in the absence of a control command from said listener, and</p>	<p>The S50 contains an audio playback unit for automatically and continuously reproducing audio program files in the ordered sequence specified in the playback session sequencing file in the absence of a control command from the listener.</p> <p>The identity of the audio playback unit or units in the S50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p> <p>Once a user has started listening to a playlist on the S50, the device automatically plays the song next in line in the playlist after the previous song ends. The S50 continuously reproduces the songs in the order established by the playlist without the need for the user to utilize a control command.</p> <p>"Playing Audio Files from My Playlists</p> <p>Press the Playlists button.  Select My Playlists  Select a Playlist</p>

	<b>Claim</b>	<b>Infringement Support</b>
		Select an audio file (or Shuffle)." ( <i>Sirius S50 User Guide, pages: 59</i> )
14.j	a processor for executing one or more utility programs to perform control functions in response to said input commands from a user, said functions including:	<p>The S50 contains a processor for executing one or more utility programs to perform control functions in response to input commands from a user.</p> <p>The identity of the processor or processors in the S50 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p> <p>Once a user enters a command, the S50 responds with appropriate action as described below.</p>
14.k	(a) in response to a first one of said input commands designating a selected audio program file described on said visual menu listing for causing said audio playback unit to discontinue the reproduction of the currently playing audio program file in said ordered sequence and to instead continue the reproduction at the beginning of said selected audio program file,	<p>In response to a first input command designating a selected audio program file described on said visual menu listing, the S50 discontinues the reproduction of the currently playing audio program file in said ordered sequence and instead continues the reproduction at the beginning of said selected audio program file.</p> <p>Once a listener enters the command to play a song, the S50 discontinues playing the current audio program file and begins playing at the beginning of the selected audio program file.</p>


















	Claim	Infringement Support
		 <p><b>Figure 1</b></p> <p>(<i>Sirius S50 User Guide, pages: 14</i>)</p> <p>"The Media Dial also provides for selecting four other functions when pressed at the north, south, east, or west positions ... ( Play/Pause, Love, Fast-Forward, and Rewind)." (<i>Sirius S50 User Guide, pages: 22</i>)</p> <p>"Playing Audio Files from My Playlists</p> <p>Press the Playlists button.  Select My Playlists  Select a Playlist  Select an audio file (or Shuffle)." (<i>Sirius S50 User Guide, pages: 59</i>)</p>
14.1	(b) in response to a second one of said control commands for discontinuing the	In response to a second control command for discontinuing the reproduction of the currently playing audio program file, the S50 will instead continue the reproduction at

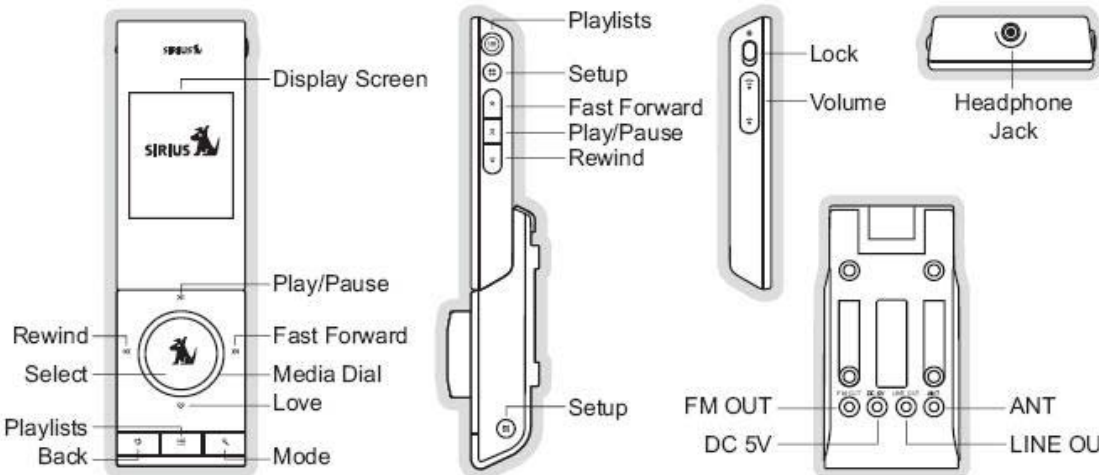
	Claim	Infringement Support
	<p>reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of that audio program file which follows said currently playing audio program file in said ordered sequence specified by said playback session sequencing file,</p>	<p>the beginning of that audio program file which follows the currently playing audio program file in the ordered sequence specified by the playback session sequencing file.</p> <p>Once a listener enters the command to skip to the next file in the playlist by pressing the "&gt;&gt;" (fast forward) button, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the file next in the sequence specified by the playlist file.</p>  <p><b>Figure 1</b></p> <p>(Sirius S50 User Guide, pages: 14)</p> <p>Media Player Buttons:</p>






	Claim	Infringement Support																																						
		<table border="1"> <tr> <td rowspan="2">   <b>Rewind</b> </td> <td>Press</td> <td colspan="2">If listening, rewinds to the previous song or show If in a menu, scrolls down</td> </tr> <tr> <td>Hold</td> <td colspan="2">If listening, rewinds through song or show If in a menu, scrolls down until the button is released</td> </tr> <tr> <td rowspan="2">   <b>Play/Pause</b> </td> <td>Press</td> <td colspan="2">Plays or pauses a song or show Selects highlighted items in lists, menus, or prompts</td> </tr> <tr> <td>Hold</td> <td colspan="2">When listening to playlists, displays Save or Delete prompt When listening to My Sirius Channels, allows you to Love songs</td> </tr> <tr> <td rowspan="2">   <b>Fast-Forward</b> </td> <td>Press</td> <td colspan="2">If Listening, Fast-Forwards to the next song or show If in a menu, scrolls up</td> </tr> <tr> <td>Hold</td> <td colspan="2">Fast-Forwards through song or show If in a menu, scrolls up until the button is released</td> </tr> </table> <p><i>(Sirius S50 User Guide, pages: 18)</i></p> <p>Vehicle Dock Buttons:</p> <table border="1"> <tr> <td rowspan="2">   <b>Rewind</b> </td> <td>Press</td> <td>Rewinds a broadcast to previous song or show</td> <td>Rewinds to the previous song or show</td> </tr> <tr> <td>Hold</td> <td>Rewinds through a broadcast</td> <td>Rewinds through song or show</td> </tr> <tr> <td rowspan="2">   <b>Fast-Forward</b> </td> <td>Press</td> <td>Fast-Forwards the replay buffer to the next song or show</td> <td>Fast-Forwards to the next song or show</td> </tr> <tr> <td>Hold</td> <td>Fast-Forwards through the replay buffer</td> <td>Fast-Forwards through song or show</td> </tr> </table> <p><i>(Sirius S50 User Guide, pages: 15)</i></p>				 <b>Rewind</b>	Press	If listening, rewinds to the previous song or show If in a menu, scrolls down		Hold	If listening, rewinds through song or show If in a menu, scrolls down until the button is released		 <b>Play/Pause</b>	Press	Plays or pauses a song or show Selects highlighted items in lists, menus, or prompts		Hold	When listening to playlists, displays Save or Delete prompt When listening to My Sirius Channels, allows you to Love songs		 <b>Fast-Forward</b>	Press	If Listening, Fast-Forwards to the next song or show If in a menu, scrolls up		Hold	Fast-Forwards through song or show If in a menu, scrolls up until the button is released		 <b>Rewind</b>	Press	Rewinds a broadcast to previous song or show	Rewinds to the previous song or show	Hold	Rewinds through a broadcast	Rewinds through song or show	 <b>Fast-Forward</b>	Press	Fast-Forwards the replay buffer to the next song or show	Fast-Forwards to the next song or show	Hold	Fast-Forwards through the replay buffer	Fast-Forwards through song or show
 <b>Rewind</b>	Press	If listening, rewinds to the previous song or show If in a menu, scrolls down																																						
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 <b>Rewind</b>	Press	Rewinds a broadcast to previous song or show	Rewinds to the previous song or show																																					
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 <b>Fast-Forward</b>	Press	Fast-Forwards the replay buffer to the next song or show	Fast-Forwards to the next song or show																																					
	Hold	Fast-Forwards through the replay buffer	Fast-Forwards through song or show																																					
14.m	(c) in response to a third one of said control commands accepted from said listener at a	In response to a third control command accepted from the listener at a time when the currently playing audio program file has played for at least a predetermined amount																																						

	Claim	Infringement Support
	<p>time when said currently playing audio program file has played for at least a predetermined amount of time by discontinuing the reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of said currently playing audio program file, and</p>	<p>of time, the S50 discontinues the reproduction of the currently playing audio program file and instead continues the reproduction at the beginning of the currently playing audio program file.</p> <p>Once a listener enters the command to skip backward by pressing the "&lt;&lt;" (Rewind) button after a predetermined amount of time, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the same audio file that was playing at the time the button was pressed.</p> <div> <p>Figure 1</p> </div> <p>(Sirius S50 User Guide, pages: 14)</p> <p>Media Player Buttons:</p>

	Claim	Infringement Support																																						
		<table border="1"> <tr> <td rowspan="2">   <b>Rewind</b> </td> <td>Press</td> <td colspan="2">If listening, rewinds to the previous song or show If in a menu, scrolls down</td> </tr> <tr> <td>Hold</td> <td colspan="2">If listening, rewinds through song or show If in a menu, scrolls down until the button is released</td> </tr> <tr> <td rowspan="2">   <b>Play/Pause</b> </td> <td>Press</td> <td colspan="2">Plays or pauses a song or show Selects highlighted items in lists, menus, or prompts</td> </tr> <tr> <td>Hold</td> <td colspan="2">When listening to playlists, displays Save or Delete prompt When listening to My Sirius Channels, allows you to Love songs</td> </tr> <tr> <td rowspan="2">   <b>Fast-Forward</b> </td> <td>Press</td> <td colspan="2">If Listening, Fast-Forwards to the next song or show If in a menu, scrolls up</td> </tr> <tr> <td>Hold</td> <td colspan="2">Fast-Forwards through song or show If in a menu, scrolls up until the button is released</td> </tr> </table> <p><i>(Sirius S50 User Guide, pages: 18)</i></p> <p>Vehicle Dock Buttons:</p> <table border="1"> <tr> <td rowspan="2">   <b>Rewind</b> </td> <td>Press</td> <td>Rewinds a broadcast to previous song or show</td> <td>Rewinds to the previous song or show</td> </tr> <tr> <td>Hold</td> <td>Rewinds through a broadcast</td> <td>Rewinds through song or show</td> </tr> <tr> <td rowspan="2">   <b>Fast-Forward</b> </td> <td>Press</td> <td>Fast-Forwards the replay buffer to the next song or show</td> <td>Fast-Forwards to the next song or show</td> </tr> <tr> <td>Hold</td> <td>Fast-Forwards through the replay buffer</td> <td>Fast-Forwards through song or show</td> </tr> </table> <p><i>(Sirius S50 User Guide, pages: 15)</i></p>				 <b>Rewind</b>	Press	If listening, rewinds to the previous song or show If in a menu, scrolls down		Hold	If listening, rewinds through song or show If in a menu, scrolls down until the button is released		 <b>Play/Pause</b>	Press	Plays or pauses a song or show Selects highlighted items in lists, menus, or prompts		Hold	When listening to playlists, displays Save or Delete prompt When listening to My Sirius Channels, allows you to Love songs		 <b>Fast-Forward</b>	Press	If Listening, Fast-Forwards to the next song or show If in a menu, scrolls up		Hold	Fast-Forwards through song or show If in a menu, scrolls up until the button is released		 <b>Rewind</b>	Press	Rewinds a broadcast to previous song or show	Rewinds to the previous song or show	Hold	Rewinds through a broadcast	Rewinds through song or show	 <b>Fast-Forward</b>	Press	Fast-Forwards the replay buffer to the next song or show	Fast-Forwards to the next song or show	Hold	Fast-Forwards through the replay buffer	Fast-Forwards through song or show
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	Hold	Fast-Forwards through the replay buffer	Fast-Forwards through song or show																																					
14.n	(d) in response to said third one of said control commands accepted from said	In response to a third control command accepted from the listener at a time when the currently playing audio program file has not yet played for a predetermined amount																																						

	<b>Claim</b>	<b>Infringement Support</b>
	<p>listener at a time when said currently playing audio program file has not yet played for said predetermined amount of time for discontinuing the reproduction of the currently playing program file and instead continuing the reproduction at the beginning of that audio program file which precedes the currently playing program segment in said ordered sequence specified by said playback session sequencing file.</p>	<p>of time, the S50 discontinues the reproduction of the currently playing program file and instead continues the reproduction at the beginning of that audio program file which precedes the currently playing program segment in the ordered sequence specified by said playback session sequencing file.</p> <p>Once a listener enters the command to skip backward by pressing the "&lt;&lt;" (rewind) button before a predetermined amount of time has passed, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the audio file that comes before it in the playlist sequence.</p> <p>The predetermined amount of time on the S50 is approximately 5 seconds. If after the predetermined amount of time has passed the listener presses the "&lt;&lt;" button twice it will go to the previous track. The first press of the button causes the S50 to go back to the beginning of the current audio program file (as described in Claim 5) and the second press of the button, occurring before the predetermined amount of time elapses, causes the S50 to continue reproduction at the beginning of the audio program file preceding the current file in the sequence.</p>

	Claim	Infringement Support
		 <p><b>Figure 1</b></p> <p>(Sirius S50 User Guide, pages: 14)</p> <p>Media Player Buttons:</p>

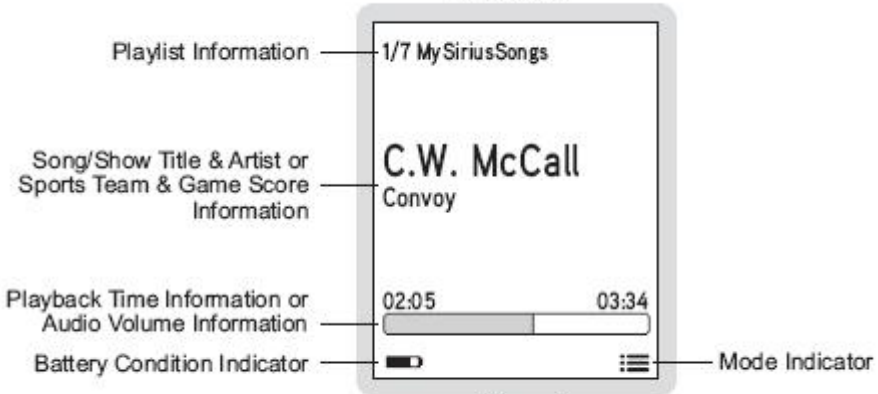
	Claim	Infringement Support				
		 <b>Rewind</b>	Press	If listening, rewinds to the previous song or show If in a menu, scrolls down	Hold	If listening, rewinds through song or show If in a menu, scrolls down until the button is released
 <b>Play/Pause</b>	Press	Plays or pauses a song or show Selects highlighted items in lists, menus, or prompts	Hold	When listening to playlists, displays Save or Delete prompt When listening to My Sirius Channels, allows you to Love songs		
 <b>Fast-Forward</b>	Press	If Listening, Fast-Forwards to the next song or show If in a menu, scrolls up	Hold	Fast-Forwards through song or show If in a menu, scrolls up until the button is released		
<i>(Sirius S50 User Guide, pages: 18)</i>						
Vehicle Dock Buttons:						
 <b>Rewind</b>	Press	Rewinds a broadcast to previous song or show	Rewinds to the previous song or show	Hold	Rewinds through a broadcast	Rewinds through song or show
 <b>Fast-Forward</b>	Press	Fast-Forwards the replay buffer to the next song or show	Fast-Forwards to the next song or show	Hold	Fast-Forwards through the replay buffer	Fast-Forwards through song or show
<i>(Sirius S50 User Guide, pages: 15)</i>						



	Claim	Infringement Support
15	The audio program player for automatically playing a collection of audio program files selected by a listener as set forth in claim 14	Every claim limitation of claim 14 is present in the S50 as described above.
15.a	wherein said display screen visually indicates the currently playing audio program file as playing progresses.	<p>The S50's display screen visually indicates the currently playing audio program file as playing progresses.</p> <p>"Display Screen Information The display screen of the Sirius S50 provides information about the operation of the Sirius S50, such as the currently tuned channel, song or show being played, mode, status, recording, and other information. Figure 1 identifies the display screen information when listening to a live broadcast and when playing back saved content."</p> <div> <p style="text-align: center;"><b>Playback</b></p> <p>Playlist Information — 1/7 MySiriusSongs</p> <p>Song/Show Title &amp; Artist or Sports Team &amp; Game Score Information — C.W. McCall Convoy</p> <p>Playback Time Information or Audio Volume Information — 02:05 — 03:34</p> <p>Battery Condition Indicator — [Battery Icon] — [Menu Icon] — Mode Indicator</p> </div> <p style="text-align: center;"><b>Figure 1</b></p> <p><i>(Sirius S50 User Guide, pages: 21)</i></p>

	<b>Claim</b>	<b>Infringement Support</b>
28	The audio program player for automatically playing a collection of audio program files selected by a listener as set forth in claim 14	Every claim limitation of claim 14 is present in the S50 as described above.
28.a	wherein each of said audio program files stored in said memory unit is designated by a unique program identifier and	Each of the audio program files stored in the memory unit is designated by a unique program identifier.  On information and belief, on the S50 each audio file is designated by a unique program identifier.
28.b	wherein said playback session sequencing file specifies the program identifier of each of the audio program files in said collection.	The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the S50 is the playlist file. The specific format of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).  On information and belief, the playlist file in the S50 identifies the unique program identifier for the program files stored in the playlist file.
29	The audio program player for automatically playing a collection of audio program files selected by a listener as set forth in claim 28	Every claim limitation of claim 28 is present in the S50 as described above.
29.a	wherein said program description data comprises a plurality of program description records each of which:	The S50 uses program description data comprising a plurality of program description records.  On information and belief, the S50 stores information about each separate digital audio file as described below.

	<b>Claim</b>	<b>Infringement Support</b>
29.b	<p>(a) describes a given one of said audio program files stored in said memory unit, (b) contains or is designated by the unique program identifier designating said given one of said audio program files, (c) specifies said displayable text describing said given one of said audio program files, and (d) specifies the storage location of said given one of said audio program files.</p>	<p>The S50 stores program description data that (a) describes a given one of said separate digital compressed audio program files stored in said digital memory unit, (b) contains or is designated by the unique program identifier designating said given one of said audio program files, (c) specifies text displayable on said display screen describing said given one of said separate digital compressed audio program files, and (d) specifies the storage location of said given one of said separate digital compressed audio program files.</p> <p>On information and belief, the S50 stores a wide range of data that describes the audio files.</p> <p>Sample descriptive data is shown in the Now Playing screen below.</p> <p>"Display Screen Information  The display screen of the Sirius S50 provides information about the operation of the Sirius S50, such as the currently tuned channel, song or show being played, mode, status, recording, and other information. Figure 1 identifies the display screen information when listening to a live broadcast and when playing back saved content."</p>

	Claim	Infringement Support
		<p style="text-align: center;"><b>Playback</b></p>  <p>The screenshot shows a playback interface with the following elements:</p> <ul style="list-style-type: none"> <li><b>Playlist Information:</b> 1/7 MySiriusSongs</li> <li><b>Song/Show Title &amp; Artist or Sports Team &amp; Game Score Information:</b> C.W. McCall, Convoy</li> <li><b>Playback Time Information or Audio Volume Information:</b> A progress bar showing 02:05 / 03:34.</li> <li><b>Battery Condition Indicator:</b> A battery icon.</li> <li><b>Mode Indicator:</b> A menu icon (three horizontal lines).</li> </ul> <p style="text-align: center;"><b>Figure 1</b></p> <p><i>(Sirius S50 User Guide, pages: 21)</i></p>

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**EXHIBIT H**

**Personal Audio Infringement Contentions for U.S. 7,509,178  
Sirius SKYFi 3**

The following sets forth Plaintiff's contentions regarding the manner in which the Sirius' SKYFi3 product infringes U.S. Patent No. 7,509,178.

	<b>Claim</b>	<b>Infringement Support</b>
1	An audio program player comprising:	The SKYFi 3 is a player for reproducing selected audio program segments. Songs, audiobooks or portions of audiobooks, and installments of podcasts are examples of audio program segments.  SKYFi3 Controls

		<p style="text-align: center;"><b>Controls - SKYFi<sup>3</sup> Player</b></p> <p>The diagram illustrates the controls of the SKYFi 3 Player. It shows a front view of the device with a central display and a circular control pad. The control pad includes a central 'Menu' button, four arrow keys, and a 'Play/Pause' button. A 'Mode/Power' button is located below the control pad. The side view shows a 'Volume' slider, a 'Hold' button, and a 'Side down' button. The top view shows a 'MicroSD Slot' and an 'Earbud Jack'. The bottom view shows a 'Power' button, a 'Main Connector', and a 'USB Connector'.</p> <p><b>MicroSD Slot</b></p> <p><b>Earbud Jack</b></p> <p><b>Display</b></p> <p><b>Volume</b></p> <p><b>Arrow Keys</b> Select menu entries, change channels, stop through songs, change categories, and more...</p> <p><b>Play/Pause</b></p> <p><b>Hold</b> Side down to lock controls.</p> <p><b>Mode/Power</b> Press to change mode: Live XM, My Music, Aux. Press &amp; Hold to power on and off.</p> <p><b>Menu</b> Display the main menu of functions: Record, Favorites, Bookmarks, Settings, My Music.</p> <p><b>Display</b> Press to change the display appearance. Press &amp; Hold to change from vertical to horizontal orientation.</p> <p><b>Power</b></p> <p><b>Main Connector</b></p> <p><b>USB Connector</b></p> <p>10</p> <p><i>(SKYFi3 User Guide, pages: 10)</i></p> <p><b>"SKYFi 3 Player</b></p> <ul style="list-style-type: none"> <li>• Listen to Live XM when docked in the car or home cradle (home kit sold separately).</li> <li>• Organize and manage your music.</li> <li>• Listen to recorded XM content and digital audio files (MP3/WMA). Portable Live XM with Wearable Live kit (sold separately)."</li> </ul> <p><i>(SKYFi3 User Guide, pages: 9)</i></p>
1.a	a communications port for establishing a	The SKYFi 3 has a communications port for establishing a data communications

data communications link for downloading a plurality of separate digital compressed audio program files and a separate sequencing file from one or more server computers,

link for downloading a plurality of separate digital compressed audio program files and a separate sequencing file from one or more server computers.

The communications port is the USB jack on the bottom of the SKYFi 3

**Controls**

**Display**

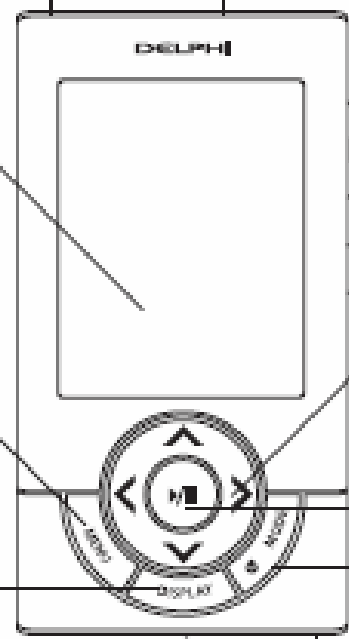
**Menu**  
Display the main menu of functions: Record, Bookmarks, Favorites, My Music, Settings.

**Display**  
Press to change the display appearance. Press & Hold to change the display from vertical to horizontal orientation.

**Main Connector**  
For connecting SKYFi<sup>3</sup> to car, home cradles, and additional accessories.

**Earbud Jack**

**MicroSD Slot**




**Volume**

**Hold**  
Slide the switch down to lock the controls.

**Arrow Keys**  
Select menu entries, change channels, skip through songs, change categories, and more...

**Play/Pause**

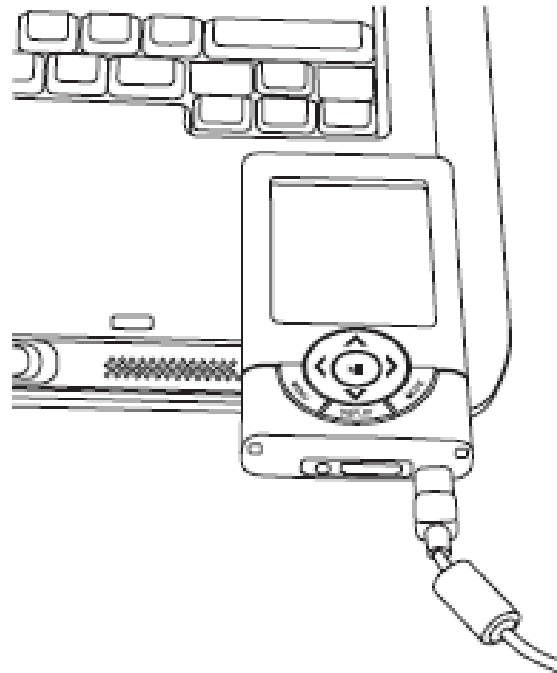
**Mode/Power**   
Press to change modes: Live XM, My Music, and Aux. Press & Hold to power on and off.

**USB Connector**  
For connecting SKYFi<sup>3</sup> to your PC

Controls (*SKYFi3 User Guide, pages: 3*)

**“SKYFi3 and Your PC**

- Transfer music to your SKYFi3 player.
- Organize and manage your music using SKYFi3 or your PC.”



SKYFi3 and PC (*SKYFi3 User Guide, pages: 9*)

The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the SKYFi 3 is the playlist file. The specific format and contents of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent



		<p>Rule 3-1(g).</p> <p>"Playlists contain a list of songs that are organized to play in a certain sequence. You can add a song to more than one playlist." (<i>SKYFi3 User Guide, pages: 37</i>)</p> <p>"You can add a song to more than one playlists. To add a song to a playlist, first select a song from any song list.</p> <ol style="list-style-type: none"> <li>1. Press the Menu button to display the Menu.</li> <li>2. Scroll to "Edit Song" and press the Play/Pause button to select it. If "Edit Song" is not on the menu, select "Find" and press the Menu button to display the menu with "Edit Song" visible.</li> <li>3. Scroll to "Add to Playlist" and press the Play/Pause button to select it.</li> <li>4. To add the song to an existing playlist, scroll to the desired playlist and press the Play/Pause button to add the song to the playlist." <p>(<i>SKYFi3 User Guide, pages: 37</i>)</p> <p>The SKYFi 3 supports a plurality of program segment types. Program segments are, for example, songs.</p> <p>"Music file formats MP3, WMA ..." (<i>SKYFi3 User Guide, pages: 63</i>)</p> <p>The digital compressed audio program files are separate from the sequencing file.</p> </li></ol>
1.b	a digital memory unit coupled to said communications port for persistently storing said separate digital compressed audio program files and said separate sequencing file, said sequencing file containing data specifying an ordered sequence of a collection of said separate	<p>The SKYFi 3 has a digital memory unit coupled to the communications port for persistently storing said separate digital compressed audio program files and said separate sequencing file, said sequencing file containing data specifying an ordered sequence of a collection of said separate digital compressed audio program files.</p> <p>The digital memory unit in the SKYFi 3 is a flash memory drive.</p>

digital compressed audio program files,

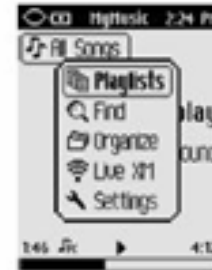
### "Storage Capacity

256 MB internal flash, 32 MB internal RAM, 2 GB MicroSD card (maximum recognizable); Delphi recommends SanDisk brand for maximum performance" (SKYFi3 User Guide, pages: 63)

The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the SKYFi 3 is the playlist file. The specific format of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).

### Playing Songs in a Playlist

1. To select a playlist to play, press the **Menu** button, scroll to "Playlists" and press the **Play/Pause** button to select it.



2. Scroll to the desired playlist in the list and press the **Menu** button to select it.
3. Scroll to "Select" and press the **Play/Pause** button to see the list of songs in the playlist.
4. Scroll to the desired song and press the **Play/Pause** button to play it.

Playing songs in a playlist (SKYFi3 User Guide, pages: 38)

## Getting Started

### Display - My Music Mode

#### Available Memory

Black portion indicates amount of storage available. White portion indicates amount of storage taken up by locked XM songs. "1" indicates that there is less than 3 minutes of storage available.

Battery Level and charging status

Listening/User Mode

MyMusic 2:24 PM

Clock

All Songs

#### Title Bar

Shows whether you are viewing:

- All Songs
- Artist
- Category
- Channel
- Session

Coldplay

Artist Name

Speed of Sound

Song Title

Elapsed Time

1:46



4:12

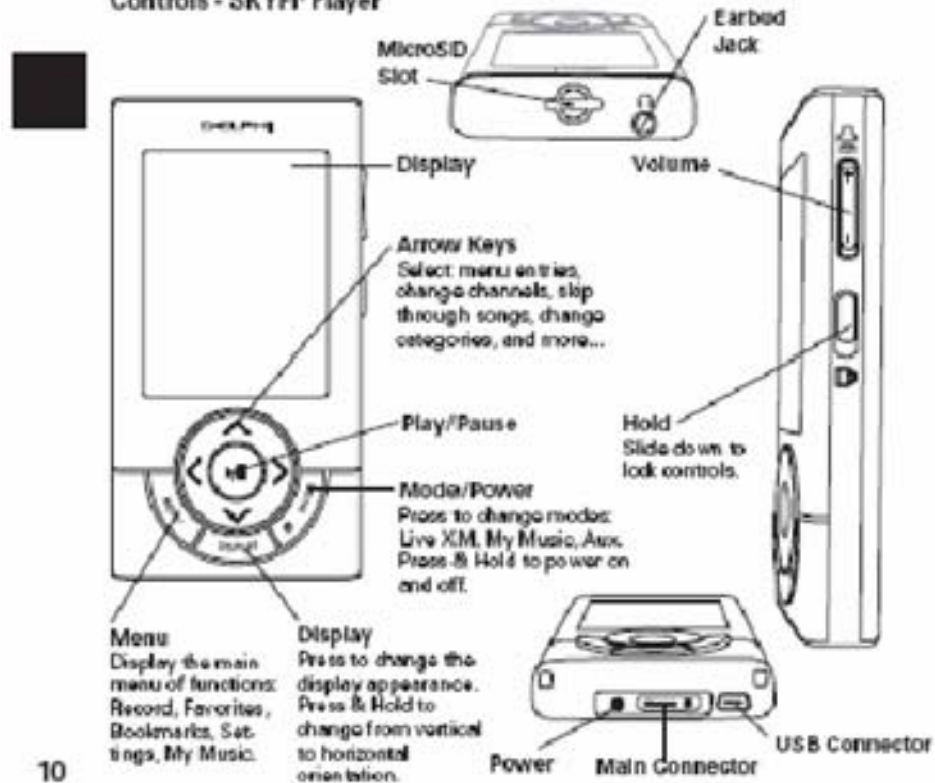
Song Length

Song Position

18

		<i>(SKYFi3 User Guide, pages: 18)</i>
1.c	an audio output unit including at least one speaker or headset for reproducing said audio program files in audible form perceptible to a listener,	<p>The SKYFi 3 includes an audio output unit including at least one speaker or headset for reproducing said audio program files in audible form perceptible to the listener.</p> <p>This audio output unit is earbuds provided with the SKYFi 3 which plug into an interface with the 1/8" (3.5mm) audio jack on the SKYFi 3 (labeled "Headphone Jack")</p> <p>SKYFi3 Controls</p>

Controls - SKYFi<sup>3</sup> Player



10 (SKYFi3 User Guide, pages: 10)

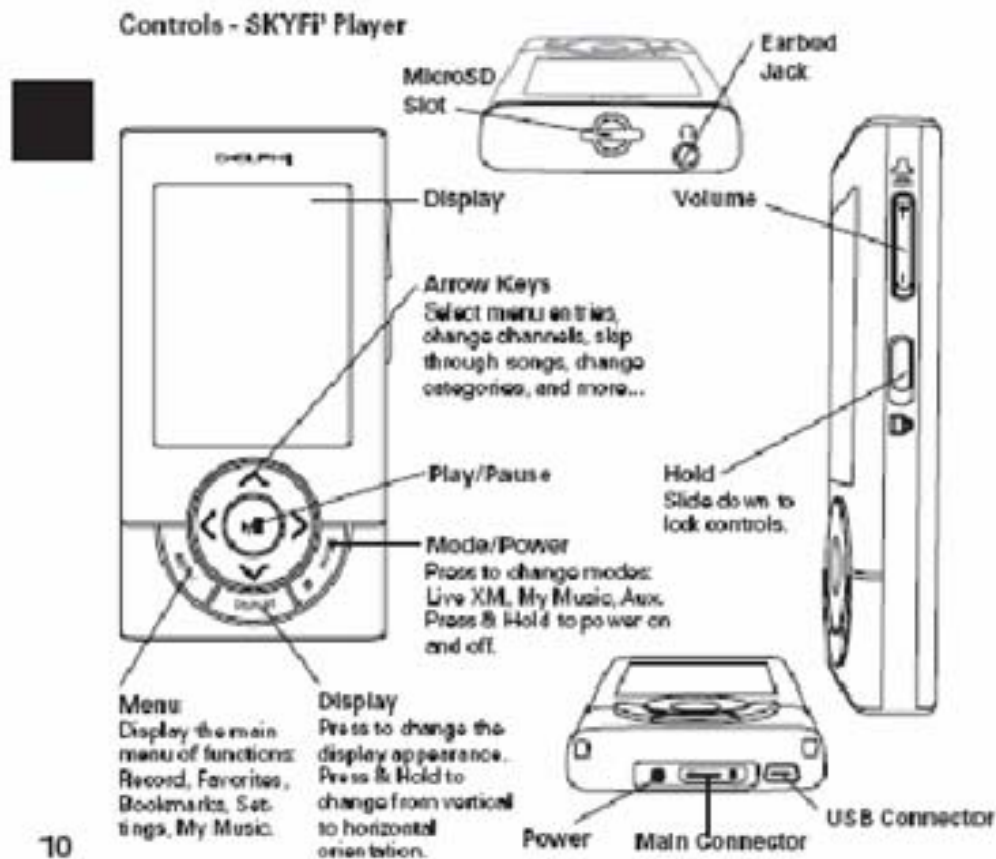
"Headphone Type - 3.5mm headphone jack" (SKYFi3 User Guide, pages: 63)

Sirius also contributorily infringes this claim element when the device is used with any output means, including but not limited to headphones or speakers, not sold with the SKYFi 3 or by Sirius.

1.d one or more manual controls for accepting commands from said listener, and


The SKYFi 3 has one or more manual controls for accepting commands from the listener in the form of buttons on the front of the SKYFi 3

### SKYFi3 Controls



(SKYFi3 User Guide, pages: 10)

"You can skip forward and backward through your recorded music while listening

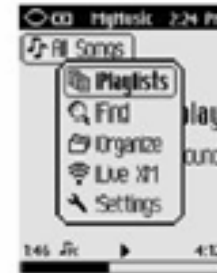
		<p>by pressing the left and right arrow keys to skip to the previous and next song respectively." (<i>SKYFi3 User Guide, pages: 35</i>)</p> <p>"Scroll to "Play" and press the Play/Pause button to play the selected song... Express - Press Play/Pause to play a selected song from the song list, bypassing the Menu."</p>  <p>(<i>SKYFi3 User Guide, pages: 34</i>)</p>
1.e	<p>a processor for continuously delivering a succession of said audio program files in said collection to said audio output unit in said ordered sequence specified by said sequencing file in the absence of a program selection command from said listener, and for discontinuing the reproduction of the currently playing audio program file and instead continuing the reproduction at the beginning of a listener-selected one of said audio program files in said collection in response to a program selection command from said listener.</p>	<p>The SKYFi 3 contains one or more processors for continuously delivering a succession of said audio program files in said collection to said audio output unit in said ordered sequence specified by said sequencing file in the absence of a program selection command from said listener, and for discontinuing the reproduction of the currently playing audio program file and instead continuing the reproduction at the beginning of a listener-selected one of said audio program files in said collection in response to a program selection command from said listener.</p> <p>The identity of the processor or processors in the SKYFi 3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p> <p>Once a listener has started reproducing a playlist, it continuously delivers a succession of audio files in the collection to the headphones (or speaker if</p>

applicable) in the order specified by the playlist in the absence of commands from the listener. During the reproduction of a playlist to the listener, if the listener issues a program selection command, then the SKYFi 3 will discontinue reproducing the current playing audio program file and instead continue the reproduction at the beginning the audio program file selected by the listener.

The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the SKYFi 3 is the playlist file. The specific format of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).

#### Playing Songs in a Playlist


1. To select a playlist to play, press the **Menu** button, scroll to "Playlists" and press the **Play/Pause** button to select it.





2. Scroll to the desired playlist in the list and press the **Menu** button to select it.
3. Scroll to "Select" and press the **Play/Pause** button to see the list of songs in the playlist.
4. Scroll to the desired song and press the **Play/Pause** button to play it.

Playing songs in a playlist (*SKYFi3 User Guide, pages: 38*)



		<p>"Scroll to "Play" and press the Play/Pause button to play the selected song... Express - Press Play/Pause to play a selected song from the song list, bypassing the Menu."</p>  <p>(SKYFi3 User Guide, pages: 34)</p>
2	The audio program player as set forth in claim 1 further comprising	Every claim limitation of claim 1 is present in the SKYFi 3 as described above.
2.a	a display screen for displaying a scrollable listing describing each of said separate digital compressed audio program files in said collection displayed in said ordered sequence specified by said sequencing file	<p>The SKYFi 3 has a display screen for displaying a scrollable listing describing each of said separate digital compressed audio program files in said collection displayed in said ordered sequence specified by said sequencing file.</p> <p>The SKYFi 3's display screen is an LCD screen. The display screen displays a scrollable listing for each separate file in said ordered sequence file (playlist).</p>

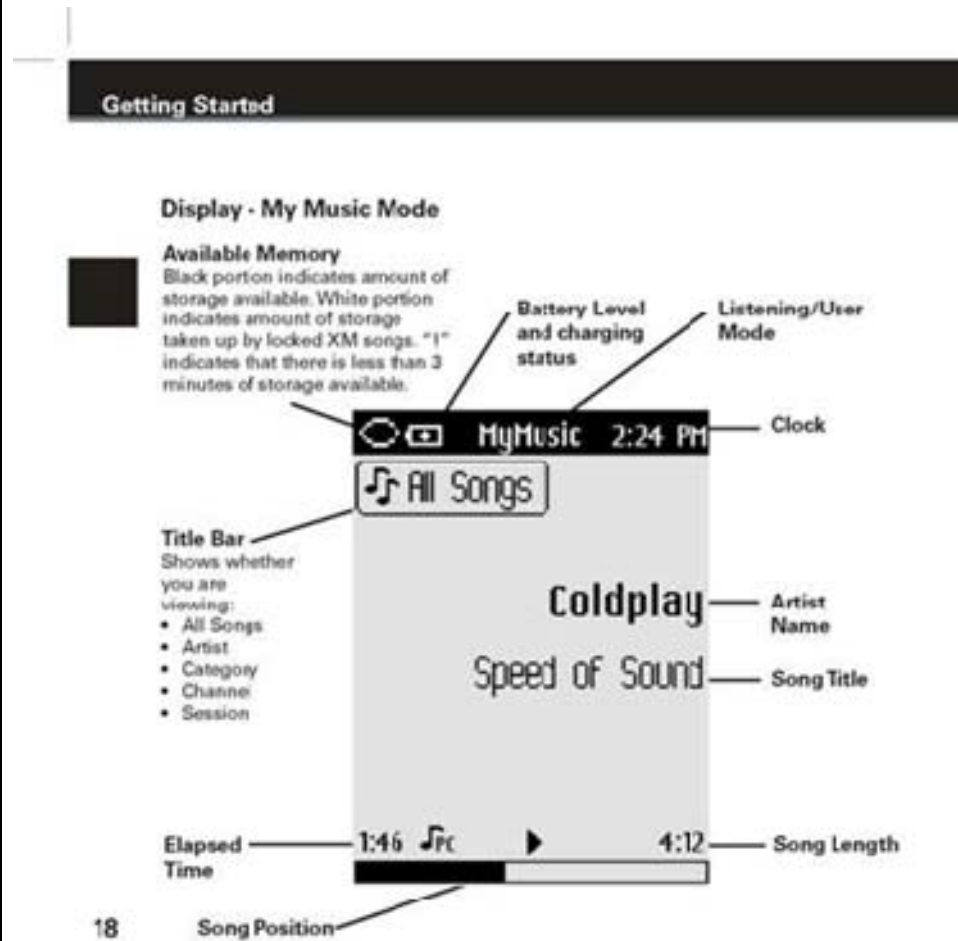
		<p><b>Playing Songs in a Playlist</b></p> <ol style="list-style-type: none"> <li>1. To select a playlist to play, press the <b>Menu</b> button, scroll to “<b>Playlists</b>” and press the <b>Play/Pause</b> button to select it.</li> </ol>  <ol style="list-style-type: none"> <li>2. Scroll to the desired playlist in the list and press the <b>Menu</b> button to select it.</li> <li>3. Scroll to “<b>Select</b>” and press the <b>Play/Pause</b> button to see the list of songs in the playlist.</li> <li>4. Scroll to the desired song and press the <b>Play/Pause</b> button to play it.</li> </ol> <p>Playing songs in a playlist (<i>SKYFi3 User Guide, pages: 38</i>)</p>
2.b	<p>wherein said listener-selected audio program file is chosen by said listener by employing one or more of said manual controls to accept a program selection command from said listener to select one of said audio program files described on said scrollable listing for immediate reproduction by said audio output unit.</p>	<p>The SKYFi 3 allows the listener to select said audio program file by employing one or more of said manual controls to accept a program selection command from said listener to select one of said audio program files described on said scrollable listing for immediate reproduction by said audio output unit.</p> <p>Once the selection has been made, the SKYFi 3 begins reproducing the audio file.</p> <p>"Scroll to "Play" and press the Play/Pause button to play the selected song... Express - Press Play/Pause to play a selected song from the song list, bypassing the Menu."</p>

		 <p>Play the selected song.</p> <p>Play songs in random order.</p> <p>Displays the Edit Menu, allowing you to add a song to a playlist, delete a song, or lock and unlock a song.</p> <p>Repeat the current song.</p> <p>(SKYFi3 User Guide, pages: 34)</p> <p>SKYFi3 Controls</p>
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		<p style="text-align: center;"><b>Controls - SKYFi<sup>3</sup> Player</b></p> <p><b>MicroSD Slot</b></p> <p><b>Earbud Jack</b></p> <p><b>Display</b></p> <p><b>Arrow Keys</b> Select menu entries, change channels, skip through songs, change categories, and more...</p> <p><b>Play/Pause</b></p> <p><b>Mode/Power</b> Press to change modes: Live XM, My Music, Aux. Press &amp; Hold to power on and off.</p> <p><b>Volume</b></p> <p><b>Hold</b> Slide down to lock controls.</p> <p><b>Menu</b> Display the main menu of functions: Record, Favorites, Bookmarks, Settings, My Music.</p> <p><b>Display</b> Press to change the display appearance. Press &amp; Hold to change from vertical to horizontal orientation.</p> <p><b>Power</b></p> <p><b>Main Connector</b></p> <p><b>USB Connector</b></p> <p style="text-align: center;">10</p> <p style="text-align: center;"><i>(SKYFi3 User Guide, pages: 10)</i></p>
3	The audio program player as set forth in claim 2	Every claim limitation of claim 2 is present in the SKYFi 3 as described above.
3.a	wherein said display screen provides a visible indication of said currently playing audio program file in the collection of programs specified by said sequencing file	The display screen on the SKYFi 3 provides a visual indication of the currently playing audio program file in the collection of programs specified by said sequencing file and described on said scrollable listing.

and described on said scrollable listing.

When a song is playing, the SKYFi 3 displays song information, including song title and artist name.



(SKYFi3 User Guide, pages: 18)

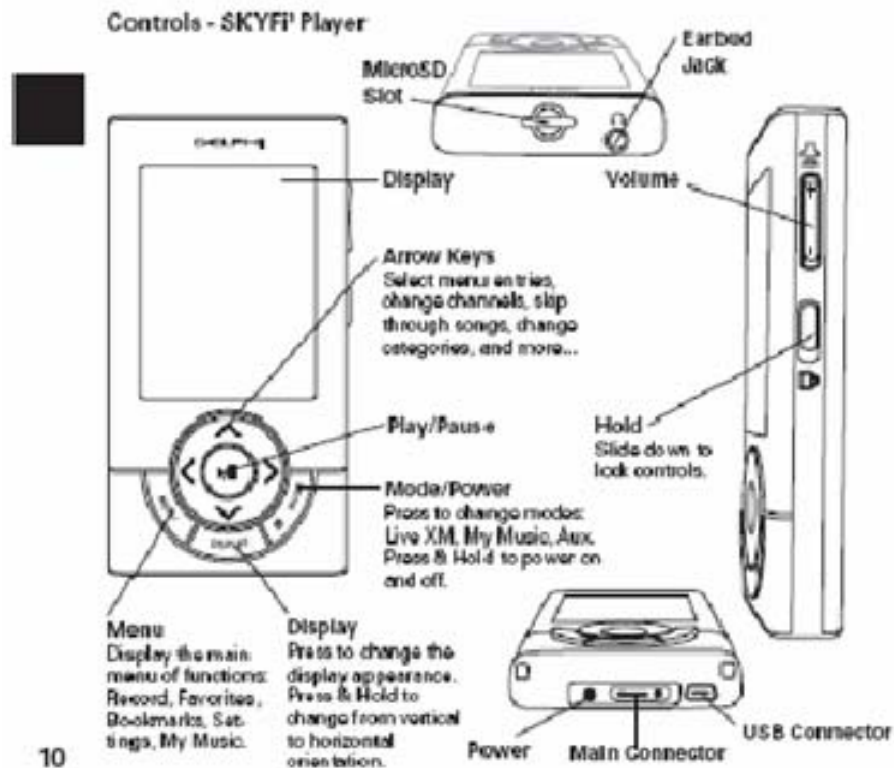
		<p><b>Playing Songs in a Playlist</b></p> <ol style="list-style-type: none"> <li>1. To select a playlist to play, press the <b>Menu</b> button, scroll to “Playlists” and press the <b>Play/Pause</b> button to select it.</li> </ol>  <ol style="list-style-type: none"> <li>2. Scroll to the desired playlist in the list and press the <b>Menu</b> button to select it.</li> <li>3. Scroll to “Select” and press the <b>Play/Pause</b> button to see the list of songs in the playlist.</li> <li>4. Scroll to the desired song and press the <b>Play/Pause</b> button to play it.</li> </ol> <p>Playing songs in a playlist (<i>SKYFi3 User Guide, pages: 38</i>)</p>
4	The audio program player as set forth in claim 3	Every claim limitation of claim 3 is present in the SKYFi 3 as described above.
4.a	wherein said processor responds to a skip forward program selection command accepted from said listener by discontinuing the reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of that audio program file which follows said currently audio program file	<p>The SKYFi 3 contains one or more processors that respond to a skip forward program selection command accepted from said listener by discontinuing the reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of that audio program file which follows said currently audio program file in said ordered sequence specified by said sequencing file.</p> <p>The identity of the processor or processors in the SKYFi 3 is proprietary to Sirius</p>

in said ordered sequence specified by said sequencing file.

and/or not publicly available. These infringement contentions will be supplemented.

Once a listener enters the command to skip to the next file in the playlist by pressing the ">>>" (fast forward) button, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the file next in the sequence specified by the playlist file.

### SKYFi3 Controls



10

(SKYFi3 User Guide, pages: 10)

		"You can skip forward and backward through your recorded music while listening by pressing the left and right arrow keys to skip to the previous and next song respectively." ( <i>SKYFi3 User Guide, pages: 35</i> )
5	The audio program player as set forth in claim 4	Every claim limitation of claim 4 is present in the SKYFi 3 as described above.
5.a	wherein said processor responds to a skip backward program selection command accepted from said listener at a time when said currently playing audio program file has played for at least a predetermined amount of time by discontinuing the reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of said currently playing audio program file.	<p>The SKYFi 3 contains one or more processors that respond to a skip backward program selection command accepted from said listener at a time when said currently playing audio program file has played for at least a predetermined amount of time by discontinuing the reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of said currently playing audio program file.</p> <p>The identity of the processor or processors in the SKYFi 3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p> <p>Once a listener enters the command to skip backward by pressing the "&lt;&lt;" (Rewind) button after a predetermined amount of time, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the same audio file that was playing at the time the button was pressed.</p> <p>SKYFi3 Controls</p>

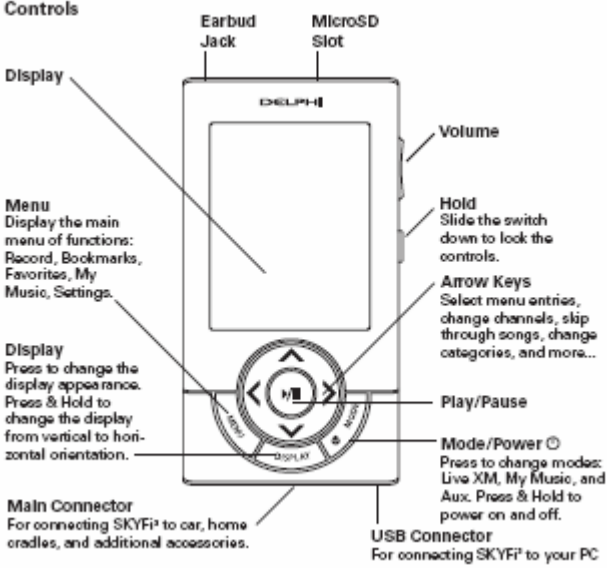



		<p style="text-align: center;"><b>Controls - SKYFi<sup>3</sup> Player</b></p> <p>The diagram illustrates the controls of the SKYFi<sup>3</sup> Player. It shows a front view and a side view of the device. Key components and their functions are labeled as follows:</p> <ul style="list-style-type: none"> <li><b>MicroSD Slot:</b> Located at the top of the front panel.</li> <li><b>Earbud Jack:</b> Located on the top edge of the device.</li> <li><b>Display:</b> A large rectangular screen on the front panel.</li> <li><b>Volume:</b> A vertical slider control on the side of the device.</li> <li><b>Arrow Keys:</b> Four directional keys (up, down, left, right) surrounding a central 'M' key. Function: Select menu entries, change channels, slip through songs, change categories, and more...</li> <li><b>Play/Pause:</b> A circular button with a play/pause symbol.</li> <li><b>Mode/Power:</b> A circular button with a power symbol. Function: Press to change modes: Live XM, My Music, Aux. Press &amp; Hold to power on and off.</li> <li><b>Menu:</b> A button with a list icon. Function: Display the main menu of functions: Record, Favorites, Bookmarks, Settings, My Music.</li> <li><b>Display (Function):</b> Press to change the display appearance. Press &amp; Hold to change from vertical to horizontal orientation.</li> <li><b>Hold:</b> A button on the side. Function: Slide down to lock controls.</li> <li><b>Power:</b> A button on the bottom edge.</li> <li><b>Main Connector:</b> A port on the bottom edge.</li> <li><b>USB Connector:</b> A port on the bottom edge.</li> </ul> <p style="text-align: center;">10</p> <p><i>(SKYFi3 User Guide, pages: 10)</i></p> <p>"You can skip forward and backward through your recorded music while listening by pressing the left and right arrow keys to skip to the previous and next song respectively." <i>(SKYFi3 User Guide, pages: 35)</i></p>
6	The audio program player as set forth in claim 5	Every claim limitation of claim 5 is present in the SKYFi 3 as described above.
6.a	wherein said processor responds to a skip backward program selection command accepted from said listener at a time when said currently playing audio program file has not yet played for said predetermined	The SKYFi 3 contains one or more processors that respond to a skip backward program selection command accepted from said listener at a time when said currently playing audio program file has not yet played for said predetermined amount of time for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a

	<p>amount of time for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which precedes the currently playing program segment in said ordered sequence specified by said sequencing file.</p>	<p>program segment which precedes the currently playing program segment in said ordered sequence specified by said sequencing file.</p> <p>The identity of the processor or processors in the SKYFi 3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p> <p>Once a listener enters the command to skip backward by pressing the "&lt;&lt;" (rewind) button before a predetermined amount of time has passed, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the audio file that comes before it in the playlist sequence.</p> <p>The predetermined amount of time on the SKYFi 3 is approximately 5 seconds. If after the predetermined amount of time has passed the listener presses the "&lt;&lt;" button twice it will go to the previous track. The first press of the button causes the SKYFi 3 to go back to the beginning of the current audio program file (as described in Claim 5) and the second press of the button, occurring before the predetermined amount of time elapses, causes the SKYFi 3 to continue reproduction at the beginning of the audio program file preceding the current file in the sequence.</p> <p>SKYFi3 Controls</p>
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		<p>Controls - SKYFi<sup>3</sup> Player</p> <p>MicroSD Slot</p> <p>Earbud Jack</p> <p>Display</p> <p>Volume</p> <p>Arrow Keys Select menu entries, change channels, slip through songs, change categories, and more...</p> <p>Play/Pause</p> <p>Mode/Power Press to change modes: Live XM, My Music, Aux. Press &amp; Hold to power on and off.</p> <p>Hold Slide down to lock controls.</p> <p>Menu Display the main menu of functions: Record, Favorites, Bookmarks, Settings, My Music.</p> <p>Display Press to change the display appearance. Press &amp; Hold to change from vertical to horizontal orientation.</p> <p>Power</p> <p>Main Connector</p> <p>USB Connector</p> <p>10</p> <p>(SKYFi3 User Guide, pages: 10)</p> <p>"You can skip forward and backward through your recorded music while listening by pressing the left and right arrow keys to skip to the previous and next song respectively." (SKYFi3 User Guide, pages: 35)</p>
9	The audio program player as set forth in claim 1	Every claim limitation of claim 1 is present in the SKYFi 3 as described above.
9.a	wherein each audio program file in said collection specified by said sequencing file is selected in accordance with program preference data or program selections accepted from said listener to define a	The SKYFi 3 contains an audio program file in said collection specified by said sequencing file that is selected in accordance with program preference data or program selections accepted from said listener to define a playback session that is personalized to the preferences of said listener.

	<p>playback session that is personalized to the preferences of said listener.</p>	<p>The SKYFi 3 is designed and configured to contain playlists and audio program files that are generated in multiple different ways. The playlist and the specified audio files are downloaded to the Sky Fi 3 in accordance with the claim limitations described above. Sirius provides instructions for a listener to create playlists.</p> <p>"Playlists contain a list of songs that are organized to play in a certain sequence. You can add a song to more than one playlist." (<i>SKYFi3 User Guide, pages: 37</i>)</p> <p>"You can add a song to more than one playlists. To add a song to a playlist, first select a song from any song list.</p> <ol style="list-style-type: none"> <li>1. Press the Menu button to display the Menu.</li> <li>2. Scroll to "Edit Song" and press the Play/Pause button to select it. If "Edit Song" is not on the menu, select "Find" and press the Menu button to display the menu with "Edit Song" visible.</li> <li>3. Scroll to "Add to Playlist" and press the Play/Pause button to select it.</li> <li>4. To add the song to an existing playlist, scroll to the desired playlist and press the Play/Pause button to add the song to the playlist."</li> </ol> <p>(<i>SKYFi3 User Guide, pages: 37</i>)</p> <p><b>“Using SKYFi3 and Your PC</b>  System Requirements  Windows Media® Player 9 or higher; Windows Media Player 10 recommended for Windows XP”  (<i>SKYFi3 User Guide, pages: 51</i>)</p>
14	<p>An audio program player for automatically playing a collection of audio program files selected by a listener, said player comprising, in combination:</p>	<p>The SKYFi 3 is an audio program player that automatically plays a collection of audio program files selected by a listener. Songs, audiobooks or portions of audiobooks, installments of podcasts, and audio portions of videos are examples of audio program files.</p> <p><b>"SKYFi 3 Player</b>  Listen to Live XM when docked in the car or home cradle (home kit sold</p>

		<p>separately).  Organize and manage your music.  Listen to recorded XM content and digital audio files (MP3/WMA). Portable Live XM with Wearable Live kit (sold separately)."</p> <p><i>(SKYFi3 User Guide, pages: 9)</i></p>  <p>The diagram shows the SKYFi3 device with various controls labeled. At the top are the Earbud Jack and MicroSD Slot. Below them is the main Display. On the right side, there is a Volume slider and a Hold switch. Below the display is a circular control pad with four arrow keys (Up, Down, Left, Right) and a central button. Below the pad is a Play/Pause button and a Mode/Power button. At the bottom are the Main Connector and USB Connector.</p> <p><b>Controls</b></p> <p><b>Display</b></p> <p><b>Menu</b>  Display the main menu of functions: Record, Bookmarks, Favorites, My Music, Settings.</p> <p><b>Display</b>  Press to change the display appearance. Press &amp; Hold to change the display from vertical to horizontal orientation.</p> <p><b>Main Connector</b>  For connecting SKYFi<sup>3</sup> to car, home cradles, and additional accessories.</p> <p><b>Earbud Jack</b></p> <p><b>MicroSD Slot</b></p> <p><b>Volume</b></p> <p><b>Hold</b>  Slide the switch down to lock the controls.</p> <p><b>Arrow Keys</b>  Select menu entries, change channels, skip through songs, change categories, and more...</p> <p><b>Play/Pause</b></p> <p><b>Mode/Power</b>   Press to change modes: Live XM, My Music, and Aux. Press &amp; Hold to power on and off.</p> <p><b>USB Connector</b>  For connecting SKYFi<sup>3</sup> to your PC</p> <p><i>Controls (SKYFi3 User Guide, pages: 3)</i></p>
14.a	a memory unit for storing:	<p>The SKYFi 3 has a memory unit for storing.</p> <p>The digital memory unit in the SKYFi 3 is a flash memory drive.</p>

		<p>"Storage Capacity 256 MB internal flash, 32 MB internal RAM, 2 GB MicroSD card (maximum recognizable); Delphi recommends SanDisk brand for maximum performance" <i>(SKYFi3 User Guide, pages: 63)</i></p>
14.b	(a) a plurality of audio program files,	<p>The SKYFi 3 has a memory unit that stores a plurality of audio program files.</p> <p>The SKYFi 3 supports a plurality of program segment types. Program segments are, for example, songs.</p> <p>"Music file formats MP3, WMA ..." <i>(SKYFi3 User Guide, pages: 63)</i></p>
14.c	(b) program description data including displayable text describing each of said audio program files, and	<p>The SKYFi 3 has a memory unit for storing program description data including displayable text describing each of the audio program files.</p>

## Getting Started

### Display - My Music Mode

#### Available Memory

Black portion indicates amount of storage available. White portion indicates amount of storage taken up by locked XM songs. "!" indicates that there is less than 3 minutes of storage available.

Battery Level and charging status

Listening/User Mode

MyMusic 2:24 PM

Clock

All Songs

#### Title Bar

Shows whether you are viewing:

- All Songs
- Artist
- Category
- Channel
- Session

Coldplay

Artist Name

Speed of Sound

Song Title

Elapsed Time

1:46



4:12


Song Length

18

Song Position

(SKYFi3 User Guide, pages: 18)

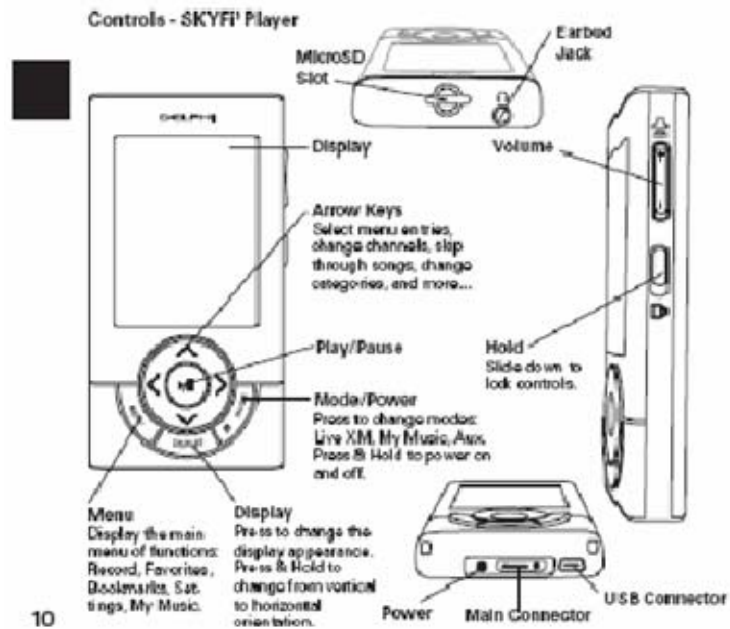
"Scroll to "Play" and press the Play/Pause button to play the selected song... Express - Press Play/Pause to play a selected song from the song list, bypassing the Menu."

		 <p>(SKYFi3 User Guide, pages: 34)</p> <p>Text describing the program files is displayed on the screen and includes, but is not limited to, the artist and song name. This text is program description data stored on the memory unit.</p>
14.d	(c) at least one separately stored playback session sequencing file which specifies an ordered sequence of a collection of said plurality of audio program files,	<p>The SKYFi 3 separately stores at least one playback session sequencing file which specifies an ordered sequence of a collection of the plurality of audio program files.</p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the SKYFi 3 is the playlist file. The specific format and contents of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>"Playlists contain a list of songs that are organized to play in a certain sequence." (SKYFi3 User Guide, pages: 37)</p>
14.e	a communications port for downloading at least some of said audio program files and said playback session sequencing file from said one or more server computers, at least some of said audio program files downloaded from said one or more server computers being selected by said listener	<p>The SKYFi 3 has a communications port for downloading at least some of the audio program files and the playback session sequencing file from the one or more server computers, at least some of the audio program files downloaded from the one or more server computers being selected by the listener from a library of audio program files available from the one or more server computers.</p> <p>The communications port is the USB jack on the bottom of the SKYFi 3</p>



from a library of audio program files available from said one or more server computers, and

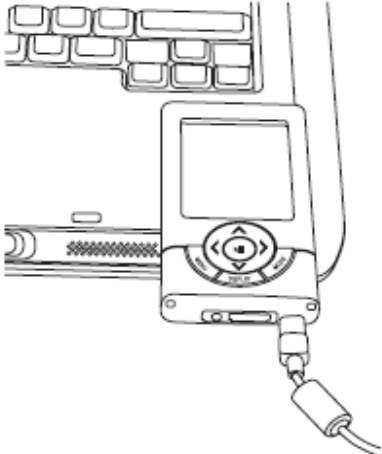
### SKYFi3 Controls



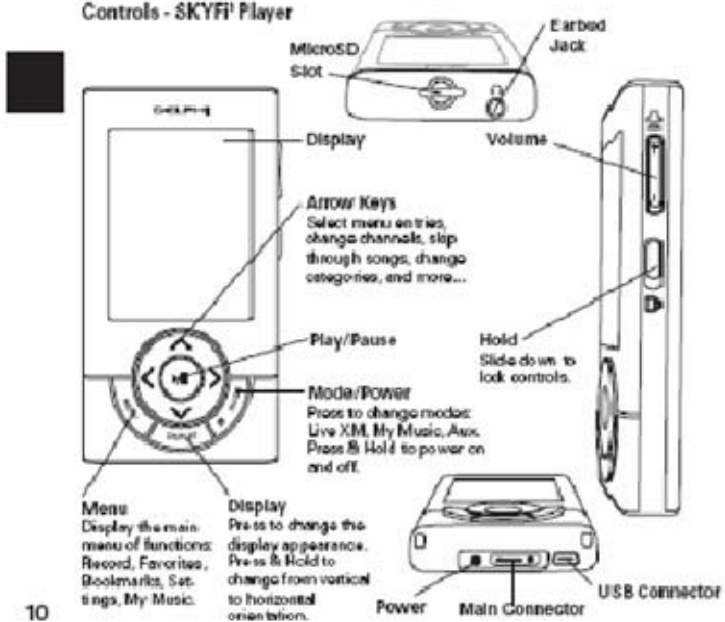
(SKYFi3 User Guide, pages: 10)

### “SKYFi3 and Your PC

- Transfer music to your SKYFi3 player.
- Organize and manage your music using SKYFi3 or your PC.

		 <p>”</p> <p>SKYFi3 and PC (<i>SKYFi3 User Guide, pages: 9</i>)</p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the SKYFi 3 is the playlist file. The specific format of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>"Playlists contain a list of songs that are organized to play in a certain sequence. You can add a song to more than one playlist." (<i>SKYFi3 User Guide, pages: 37</i>)</p> <p><b>“Using SKYFi3 and Your PC</b> System Requirements Windows Media® Player 9 or higher; Windows Media Player 10 recommended for Windows XP” (<i>SKYFi3 User Guide, pages: 51</i>)</p>
14.f	said audio program files in said collection	In the SKYFi 3, the audio program files in the collection specified by the playback

	<p>specified by said playback session sequencing file being selected by or on behalf of said listener to produce a personalized playback session,</p>	<p>session sequencing file are selected by or on behalf of the listener to produce a personalized playback session.</p> <p>The SKYFi 3 is designed and configured to contain playlists and audio program files that are generated in multiple different ways. The playlist and the specified audio files are downloaded to the Sky Fi 3 in accordance with the claim limitations described above. Sirius provides instructions for a listener to create playlists.</p> <p>"Playlists contain a list of songs that are organized to play in a certain sequence. You can add a song to more than one playlist." (<i>SKYFi3 User Guide, pages: 37</i>)</p> <p>"You can add a song to more than one playlists. To add a song to a playlist, first select a song from any song list.</p> <ol style="list-style-type: none"> <li>1. Press the Menu button to display the Menu.</li> <li>2. Scroll to "Edit Song" and press the Play/Pause button to select it. If "Edit Song" is not on the menu, select "Find" and press the Menu button to display the menu with "Edit Song" visible.</li> <li>3. Scroll to "Add to Playlist" and press the Play/Pause button to select it.</li> <li>4. To add the song to an existing playlist, scroll to the desired playlist and press the Play/Pause button to add the song to the playlist." <p>(<i>SKYFi3 User Guide, pages: 37</i>)</p> <p><b>“Using SKYFi3 and Your PC</b>  System Requirements  Windows Media® Player 9 or higher; Windows Media Player 10 recommended for Windows XP”  (<i>SKYFi3 User Guide, pages: 51</i>)</p> </li></ol>
14.g	<p>one or more controls for accepting input commands from said listener,</p>	<p>The SKYFi 3 has one or more manual controls for accepting commands from the listener in the form of buttons on the front of the SKYFi 3</p>

		<p><b>SKYFi3 Controls</b></p>  <p>The diagram illustrates the SKYFi3 controls from both front and side perspectives. Key components labeled include:     <ul style="list-style-type: none"> <li><b>MicroSD Slot</b>: Located at the top of the front panel.</li> <li><b>Earbud Jack</b>: Located on the top edge of the device.</li> <li><b>Volume</b>: A vertical slider on the right side of the device.</li> <li><b>Hold</b>: A small button on the right side, used to lock controls when held.</li> <li><b>Display</b>: A large rectangular screen on the front panel.</li> <li><b>Arrow Keys</b>: Four directional buttons (up, down, left, right) surrounding a central button, used for navigating menus and songs.</li> <li><b>Play/Pause</b>: A central button with a play/pause symbol.</li> <li><b>Mode/Power</b>: A circular button with a power symbol, used for changing modes and power management.</li> <li><b>Menu</b>: A button used to display the main menu of functions.</li> <li><b>Power</b>: A button on the bottom edge of the front panel.</li> <li><b>Main Connector</b>: A port on the bottom edge of the front panel.</li> <li><b>USB Connector</b>: A port on the bottom edge of the front panel.</li> </ul> </p> <p>10  <i>(SKYFi3 User Guide, pages: 10)</i></p>
14.h	<p>a display screen for presenting a visual menu listing to said listener containing displayable text describing some or all of the audio program files in said collection specified by said sequencing file,</p>	<p>The SKYFi 3 has a display screen in the form of an LCD screen with an LED backlight. The display screen displays a visual menu listing to the listener that contains text describing some or all of the audio files in the playlist.</p>

## Getting Started

### Display - My Music Mode

#### Available Memory

Black portion indicates amount of storage available. White portion indicates amount of storage taken up by locked XM songs. "!" indicates that there is less than 3 minutes of storage available.

Battery Level and charging status

Listening/User Mode

MyMusic 2:24 PM

Clock

All Songs

#### Title Bar

Shows whether you are viewing:

- All Songs
- Artist
- Category
- Channel
- Session

Coldplay

Artist Name

Speed of Sound

Song Title

Elapsed Time

1:46



4:12



Song Length

18

Song Position

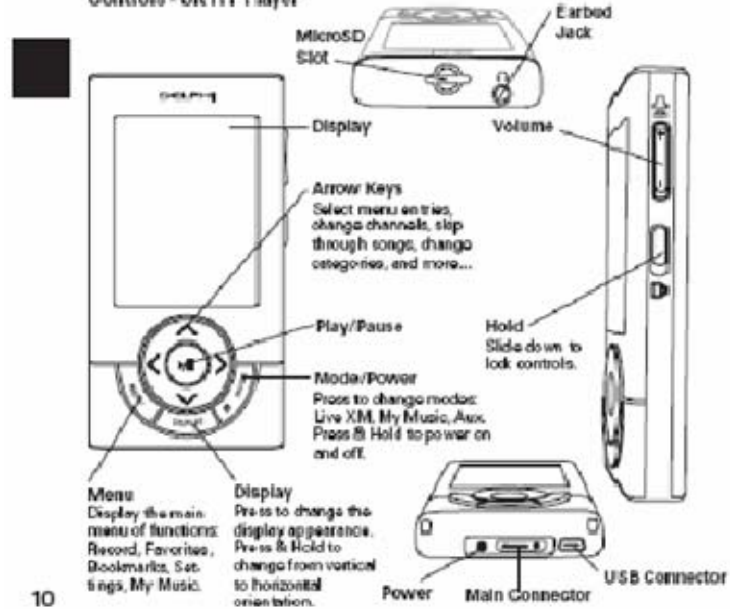
(SKYFi3 User Guide, pages: 18)

"Scroll to "Play" and press the Play/Pause button to play the selected song... Express - Press Play/Pause to play a selected song from the song list, bypassing the Menu."

		 <p>(SKYFi3 User Guide, pages: 34)</p>
14.i	<p>an audio playback unit for automatically and continuously reproducing said audio program files in said collection in the ordered sequence specified by said playback session sequencing file in the absence of a control command from said listener, and</p>	<p>The SKYFi 3 contains an audio playback unit for automatically and continuously reproducing audio program files in the ordered sequence specified in the playback session sequencing file in the absence of a control command from the listener.</p> <p>The identity of the audio playback unit or units in the SKYFi 3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>Once a user has started listening to a playlist on the SKYFi 3, the device automatically plays the song next in line in the playlist after the previous song ends. The SKYFi 3 continuously reproduces the songs in the order established by the playlist without the need for the user to utilize a control command.</p> <p>"Scroll to "Play" and press the Play/Pause button to play the selected song... Express - Press Play/Pause to play a selected song from the song list, bypassing the Menu."</p>  <p>(SKYFi3 User Guide, pages: 34)</p>

14.j	<p>a processor for executing one or more utility programs to perform control functions in response to said input commands from a user, said functions including:</p>	<p>The SKYFi 3 contains a processor for executing one or more utility programs to perform control functions in response to input commands from a user.</p> <p>The identity of the processor or processors in the SKYFi 3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p> <p>Once a user enters a command, the SKYFi 3 responds with appropriate action as described below.</p>
14.k	<p>(a) in response to a first one of said input commands designating a selected audio program file described on said visual menu listing for causing said audio playback unit to discontinue the reproduction of the currently playing audio program file in said ordered sequence and to instead continue the reproduction at the beginning of said selected audio program file,</p>	<p>In response to a first input command designating a selected audio program file described on said visual menu listing, the SKYFi 3 discontinues the reproduction of the currently playing audio program file in said ordered sequence and instead continues the reproduction at the beginning of said selected audio program file.</p> <p>Once a listener enters the command to play a song, the SKYFi 3 discontinues playing the current audio program file and begins playing at the beginning of the selected audio program file.</p> <p>"You can skip forward and backward through your recorded music while listening by pressing the left and right arrow keys to skip to the previous and next song respectively." (<i>SKYFi3 User Guide, pages: 35</i>)</p> <p>SKYFi3 Controls</p>

Controls - SKYFi3 Player



10

(SKYFi3 User Guide, pages: 10)

"Scroll to "Play" and press the Play/Pause button to play the selected song... Express - Press Play/Pause to play a selected song from the song list, bypassing the Menu."



(SKYFi3 User Guide, pages: 34)



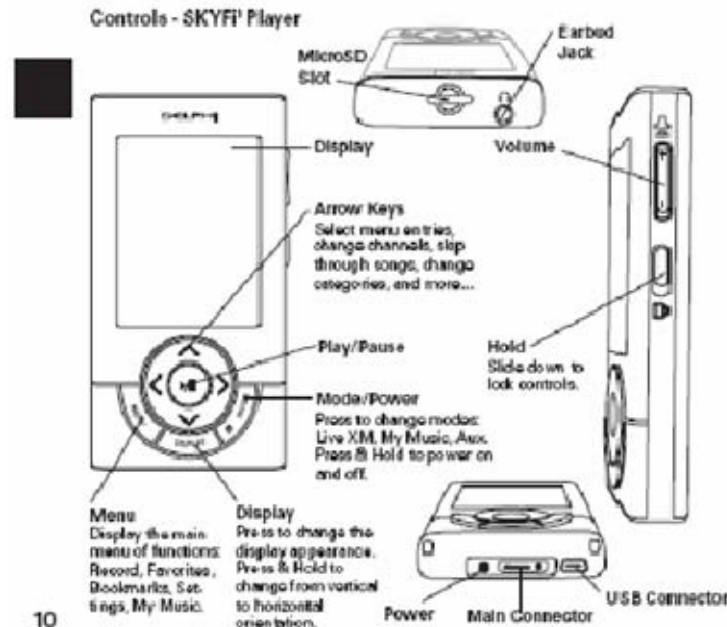
14.1

(b) in response to a second one of said control commands for discontinuing the reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of that audio program file which follows said currently playing audio program file in said ordered sequence specified by said playback session sequencing file,

In response to a second control command for discontinuing the reproduction of the currently playing audio program file, the SKYFi 3 will instead continue the reproduction at the beginning of that audio program file which follows the currently playing audio program file in the ordered sequence specified by the playback session sequencing file.

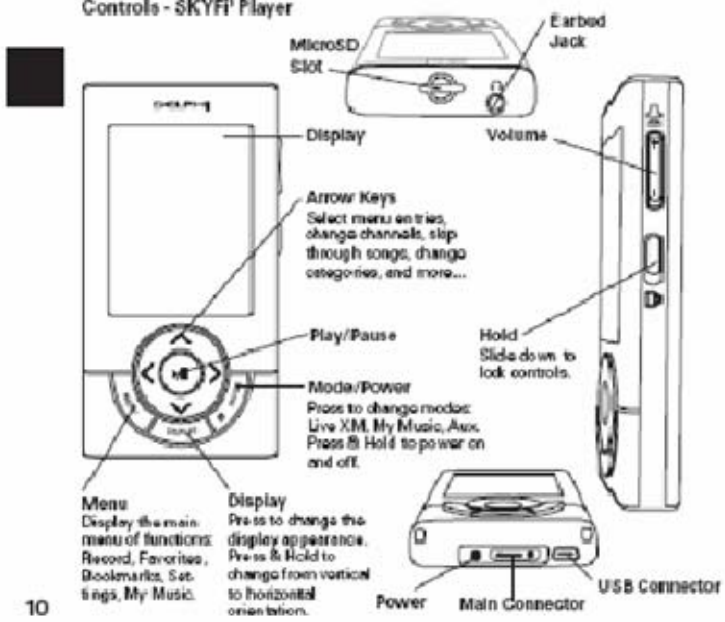
Once a listener enters the command to skip to the next file in the playlist by pressing the ">>>" (fast forward) button, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the file next in the sequence specified by the playlist file.

#### SKYFi3 Controls



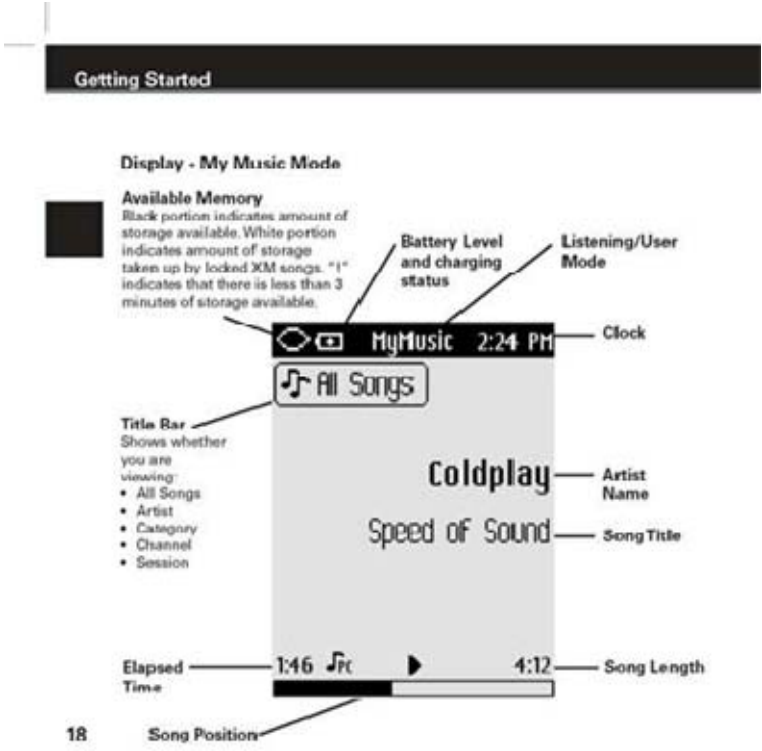
(SKYFi3 User Guide, pages: 10)

		<p>"You can skip forward and backward through your recorded music while listening by pressing the left and right arrow keys to skip to the previous and next song respectively." (<i>SKYFi3 User Guide, pages: 35</i>)</p>
14.m	<p>(c) in response to a third one of said control commands accepted from said listener at a time when said currently playing audio program file has played for at least a predetermined amount of time by discontinuing the reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of said currently playing audio program file, and</p>	<p>In response to a third control command accepted from the listener at a time when the currently playing audio program file has played for at least a predetermined amount of time, the SKYFi 3 discontinues the reproduction of the currently playing audio program file and instead continues the reproduction at the beginning of the currently playing audio program file.</p> <p>Once a listener enters the command to skip backward by pressing the "&lt;&lt;" (Rewind) button after a predetermined amount of time, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the same audio file that was playing at the time the button was pressed.</p> <p>"You can skip forward and backward through your recorded music while listening by pressing the left and right arrow keys to skip to the previous and next song respectively." (<i>SKYFi3 User Guide, pages: 35</i>)</p> <p>SKYFi3 Controls</p>

		<p style="text-align: center;"><b>Controls - SKYFi Player</b></p>  <p>The diagram illustrates the controls of the SKYFi Player. It shows a front view of the device with a central display and a circular control pad. The control pad includes a central 'M' button, a 'Play/Pause' button, and four arrow keys (up, down, left, right). A 'Menu' button is located at the bottom of the control pad. The front view also shows a 'MicroSD Slot' and an 'Earbud Jack'. The side view shows a 'Volume' slider and a 'Hold' button. The bottom view shows a 'Power' button, a 'Main Connector', and a 'USB Connector'. The number '10' is printed at the bottom left of the diagram.</p> <p><b>MicroSD Slot</b></p> <p><b>Earbud Jack</b></p> <p><b>Display</b></p> <p><b>Volume</b></p> <p><b>Arrow Keys</b> Select menu entries, change channels, slip through songs, change categories, and more...</p> <p><b>Play/Pause</b></p> <p><b>Mode/Power</b> Press to change mode: Live XM, My Music, Aux. Press &amp; Hold to power on and off.</p> <p><b>Hold</b> Slide down to lock controls.</p> <p><b>Menu</b> Display the main menu of functions: Record, Favorites, Bookmarks, Settings, My Music.</p> <p><b>Display</b> Press to change the display appearance. Press &amp; Hold to change from vertical to horizontal orientation.</p> <p><b>Power</b></p> <p><b>Main Connector</b></p> <p><b>USB Connector</b></p> <p>10</p> <p><i>(SKYFi3 User Guide, pages: 10)</i></p> <p>"You can skip forward and backward through your recorded music while listening by pressing the left and right arrow keys to skip to the previous and next song respectively." <i>(SKYFi3 User Guide, pages: 35)</i></p>
14.n	(d) in response to said third one of said control commands accepted from said listener at a time when said currently playing audio program file has not yet played for said predetermined amount of time for discontinuing the reproduction of the currently playing program file and	In response to a third control command accepted from the listener at a time when the currently playing audio program file has not yet played for a predetermined amount of time, the SKYFi 3 discontinues the reproduction of the currently playing program file and instead continues the reproduction at the beginning of that audio program file which precedes the currently playing program segment in the ordered sequence specified by said playback session sequencing file.

	<p>instead continuing the reproduction at the beginning of that audio program file which precedes the currently playing program segment in said ordered sequence specified by said playback session sequencing file.</p>	<p>Once a listener enters the command to skip backward by pressing the "&lt;&lt;" (rewind) button before a predetermined amount of time has passed, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the audio file that comes before it in the playlist sequence.</p> <p>The predetermined amount of time on the SKYFi 3 is approximately 5 seconds. If after the predetermined amount of time has passed the listener presses the "&lt;&lt;" button twice it will go to the previous track. The first press of the button causes the SKYFi 3 to go back to the beginning of the current audio program file (as described in Claim 5) and the second press of the button, occurring before the predetermined amount of time elapses, causes the SKYFi 3 to continue reproduction at the beginning of the audio program file preceding the current file in the sequence.</p> <p>SKYFi3 Controls</p>
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		<p style="text-align: center;"><b>Controls - SKYFi Player</b></p> <p>The diagram illustrates the controls of the SKYFi Player. It includes a front view and a side view. Key components labeled include:     <ul style="list-style-type: none"> <li><b>MicroSD Slot</b>: Located on the top left of the front view.</li> <li><b>Earbud Jack</b>: Located on the top right of the front view.</li> <li><b>Display</b>: A large rectangular screen on the front view.</li> <li><b>Arrow Keys</b>: Four directional keys (up, down, left, right) surrounding a central 'M' key. Description: 'Select menu entries, change channels, slip through songs, change categories, and more...'.</li> <li><b>Play/Pause</b>: A circular button with a play/pause symbol.</li> <li><b>Mode/Power</b>: A circular button with a power symbol. Description: 'Press to change modes: Live XM, My Music, Aux. Press &amp; Hold to power on and off.'</li> <li><b>Menu</b>: A button with a list icon. Description: 'Display the main menu of functions: Record, Favorites, Bookmarks, Settings, My Music.'</li> <li><b>Display (orientation)</b>: A button with a screen icon. Description: 'Press to change the display appearance. Press &amp; Hold to change from vertical to horizontal orientation.'</li> <li><b>Volume</b>: A vertical slider on the side view.</li> <li><b>Hold</b>: A button on the side view. Description: 'Slide down to lock controls.'</li> <li><b>Power</b>: A small button on the bottom of the front view.</li> <li><b>Main Connector</b>: A port on the bottom of the front view.</li> <li><b>USB Connector</b>: A port on the bottom of the side view.</li> </ul> </p> <p>10</p> <p>(SKYFi3 User Guide, pages: 10)</p> <p>"You can skip forward and backward through your recorded music while listening by pressing the left and right arrow keys to skip to the previous and next song respectively." (SKYFi3 User Guide, pages: 35)</p> <p>"You can skip forward and backward through your recorded music while listening by pressing the left and right arrow keys to skip to the previous and next song respectively." (SKYFi3 User Guide, pages: 35)</p>
15	The audio program player for automatically playing a collection of audio program files selected by a listener as set	Every claim limitation of claim 14 is present in the SKYFi 3 as described above.

	forth in claim 14	
15.a	wherein said display screen visually indicates the currently playing audio program file as playing progresses.	<p>The SKYFi 3's display screen visually indicates the currently playing audio program file as playing progresses.</p>  <p>(SKYFi3 User Guide, pages: 18)</p>
28	The audio program player for automatically playing a collection of audio	Every claim limitation of claim 14 is present in the SKYFi 3 as described above.

	program files selected by a listener as set forth in claim 14	
28.a	wherein each of said audio program files stored in said memory unit is designated by a unique program identifier and	<p>Each of the audio program files stored in the memory unit is designated by a unique program identifier.</p> <p>On information and belief, on the SKYFi 3 each audio file is designated by a unique program identifier.</p>
28.b	wherein said playback session sequencing file specifies the program identifier of each of the audio program files in said collection.	<p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the SKYFi 3 is the playlist file. The specific format of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>On information and belief, the playlist file in the SKYFi 3 specifies the unique program identifier for the program files included in the playlist file.</p>
29	The audio program player for automatically playing a collection of audio program files selected by a listener as set forth in claim 28	Every claim limitation of claim 28 is present in the SKYFi 3 as described above.
29.a	wherein said program description data comprises a plurality of program description records each of which:	<p>The SKYFi 3 uses program description data comprising a plurality of program description records.</p> <p>On information and belief, the SKYFi 3 stores information about each separate digital audio file as described below.</p>

		<p>Getting Started</p> <p>Display - My Music Mode</p> <p><b>Available Memory</b> Black portion indicates amount of storage available. White portion indicates amount of storage taken up by locked XM songs. "!" indicates that there is less than 3 minutes of storage available.</p> <p>Battery Level and charging status</p> <p>Listening/User Mode</p> <p>Clock</p> <p>MyMusic 2:24 PM</p> <p>All Songs</p> <p><b>Title Bar</b> Shows whether you are viewing: • All Songs • Artist • Category • Channel • Session</p> <p>Coldplay — Artist Name</p> <p>Speed of Sound — Song Title</p> <p>Elapsed Time 1:46  4:12 — Song Length</p> <p>18 Song Position</p> <p>(SKYFi3 User Guide, pages: 18)</p>
29.b	(a) describes a given one of said audio program files stored in said memory unit, (b) contains or is designated by the unique program identifier designating said given one of said audio program files, (c) specifies said displayable text describing said given one of said audio program files, and (d) specifies the storage location of	<p>The SKYFi 3 stores program description data that (a) describes a given one of said audio program files stored in said memory unit, (b) contains or is designated by the unique program identifier designating said given one of said audio program files, (c) specifies said displayable text describing said given one of said audio program files, and (d) specifies the storage location of said given one of said audio program files.</p> <p>On information and belief, the SKYFi 3 stores a wide range of data that describes</p>



	said given one of said audio program files.	the audio files  Sample descriptive data is shown in the MyMusic screen below.
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## Getting Started

### Display - My Music Mode

#### Available Memory

Black portion indicates amount of storage available. White portion indicates amount of storage taken up by locked XM songs. "1" indicates that there is less than 3 minutes of storage available.

Battery Level and charging status

Listening/User Mode

MyMusic 2:24 PM

Clock

All Songs

#### Title Bar

Shows whether you are viewing:

- All Songs
- Artist
- Category
- Channel
- Session

Coldplay

Artist Name

Speed of Sound

Song Title

Elapsed Time

1:46   4:12

Song Length

18


Song Position

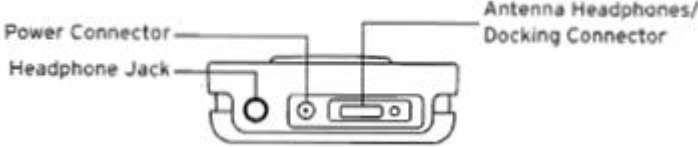
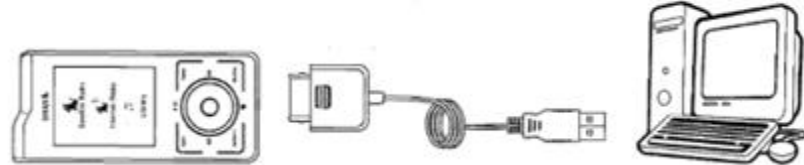
(SKYFi3 User Guide, pages: 18)

## EXHIBIT I



### Personal Audio Infringement Contentions for U.S. 7,509,178 Sirius Stiletto 2

The following sets forth Plaintiff's contentions regarding the manner in which Sirius' Stiletto products infringe U.S. Patent No. 7,509,178. The Plaintiff's contentions are not limited to the exemplar Stiletto 2 product depicted and described herein. Plaintiff contends that all Sirius' Stiletto products, including Stiletto 2 and Stiletto 100, having a structure that is the same in all relevant respects as the exemplar infringe.

	<b>Claim</b>	<b>Infringement Support</b>
1	An audio program player comprising:	<p>The Stiletto 2 is a player for reproducing selected audio program segments. Songs, audiobooks or portions of audiobooks, and installments of podcasts are examples of audio program segments.</p> <p>Stiletto 2:</p>  <p>"Stiletto 2 gives you powerful features. Like the ability to save up to 100 hours of songs and shows. It can also download and play MP3 &amp; WMA files you already own." (<i>Stiletto 2 User Guide, pages:</i></p>

		ii)
1.a	<p>a communications port for establishing a data communications link for downloading a plurality of separate digital compressed audio program files and a separate sequencing file from one or more server computers,</p>	<p>The Stiletto 2 has a communications port for establishing a data communications link for downloading a plurality of separate digital compressed audio program files and a separate sequencing file from one or more server computers.</p> <p>The communications port is the docking connector on the bottom of the Stiletto 2</p> <p>Bottom view of Stiletto 2</p>  <p>(Stiletto 2 User Guide, pages: 13)</p> <p>"To connect the Stiletto 2 to a PC, connect one end of the USB cable to the Stiletto 2 and the other end to an available USB port on the PC."</p>  <p>(Stiletto 2 User Guide, pages: 76)</p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the Stiletto 2 is the playlist file. The specific format and contents of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p>

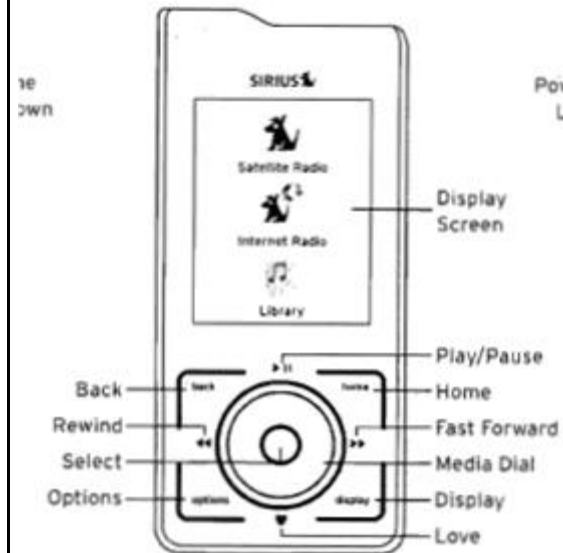
		<p>"Select playlists for listening, and songs within a playlist ...</p> <ul style="list-style-type: none"> <li>• User playlists are playlists you create on your PC computer and then transfer to the Stiletto 2."</li> </ul> <p><i>(Stiletto 2 User Guide, pages: 57)</i></p> <p>The Stiletto 2 supports a plurality of program segment types. Program segments are, for example, songs.</p> <p>"The Stiletto 2 can store and play MP3 or WMA files from your personal Library, and purchased or subscription content from most Windows Media (WMA) based online music sites." <i>(Stiletto 2 User Guide, pages: 59)</i></p> <p>The digital compressed audio program files are separate from the sequencing file.</p>
1.b	<p>a digital memory unit coupled to said communications port for persistently storing said separate digital compressed audio program files and said separate sequencing file, said sequencing file containing data specifying an ordered sequence of a collection of said separate digital compressed audio program files,</p>	<p>The Stiletto 2 has a digital memory unit coupled to the communications port for persistently storing said separate digital compressed audio program files and said separate sequencing file, said sequencing file containing data specifying an ordered sequence of a collection of said separate digital compressed audio program files.</p> <p>The digital memory unit in the Stiletto 2 is a flash memory drive.</p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the Stiletto 2 is the playlist file. The specific format of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>"Internal Memory 2 GB...microSD Card Size: up to 8GB." <i>(Stiletto 2 User Guide, pages: 84)</i></p> <p>"Select playlists for listening, and songs within a playlist ...</p>

		<ul style="list-style-type: none"> <li>• User playlists are playlists you create on your PC computer and then transfer to the Stiletto 2."</li> </ul> <p><i>(Stiletto 2 User Guide, pages: 57)</i></p>
1.c	<p>an audio output unit including at least one speaker or headset for reproducing said audio program files in audible form perceptible to a listener,</p>	<p>The Stiletto 2 includes an audio output unit including at least one speaker or headset for reproducing said audio program files in audible form perceptible to the listener.</p> <p>This audio output unit is earbuds provided with the Stiletto 2 which plug into an interface with the 1/8" (3.5mm) audio jack on the Stiletto 2 (labeled "Headphone Jack")</p> <p>Headphones and Ear Buds</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Antenna Headphones</p> </div> <div style="text-align: center;">  <p>Ear Buds &amp; Pads</p> </div> </div> <p><i>(Stiletto 2 User Guide, pages: 7)</i></p> <p>Sirius also contributorily infringes this claim element when the device is used with any output means, including but not limited to headphones or speakers, not sold with the Stiletto 2 or by Sirius.</p>

1.d one or more manual controls for accepting commands from said listener, and

The Stiletto 2 has one or more manual controls for accepting commands from the listener in the form of the media dial and buttons.

#### Stiletto 2 Buttons and Controls



*(Stiletto 2 User Guide, pages: 13)*

#### "Using The Media Dial

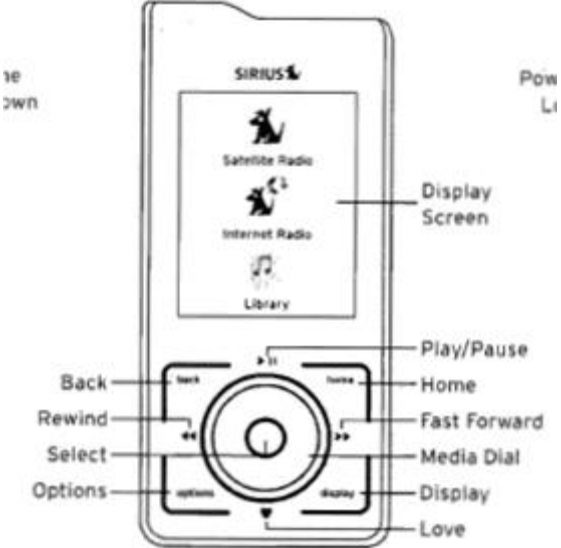
- Place your finger on the Media Dial.
- Rotate the dial clockwise or counter-clockwise to scroll, highlight a channel, genre, preset, menu item or list item.
- Press the dial at the north, south, east and west locations for selecting

Play/Pause  
Love

		<p>Fast-Forward Rewind</p> <ul style="list-style-type: none"> <li>• Press the center button to Select function for a highlighted item."</li> </ul> <p><i>(Stiletto 2 User Guide, pages: 17)</i></p>
1.e	<p>a processor for continuously delivering a succession of said audio program files in said collection to said audio output unit in said ordered sequence specified by said sequencing file in the absence of a program selection command from said listener, and for discontinuing the reproduction of the currently playing audio program file and instead continuing the reproduction at the beginning of a listener-selected one of said audio program files in said collection in response to a program selection command from said listener.</p>	<p>The Stiletto 2 contains one or more processors for continuously delivering a succession of said audio program files in said collection to said audio output unit in said ordered sequence specified by said sequencing file in the absence of a program selection command from said listener, and for discontinuing the reproduction of the currently playing audio program file and instead continuing the reproduction at the beginning of a listener-selected one of said audio program files in said collection in response to a program selection command from said listener.</p> <p>The identity of the processor or processors in the Stiletto 2 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p> <p>Once a listener has started reproducing a playlist, it continuously delivers a succession of audio files in the collection to the headphones (or speaker if applicable) in the order specified by the playlist in the absence of commands from the listener. During the reproduction of a playlist to the listener, if the listener issues a program selection command, then the Stiletto 2 will discontinue reproducing the current playing audio program file and instead continue the reproduction at the beginning the audio program file selected by the listener.</p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the Stiletto 2 is the playlist file. The specific format of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>"Select playlists for listening, and songs within a playlist ...</p> <ul style="list-style-type: none"> <li>• User playlists are playlists you create on your PC computer and then transfer to the</li> </ul>



		<p>Stiletto 2."</p> <p><i>(Stiletto 2 User Guide, pages: 57)</i></p> <p>"Selecting a playlist by pressing Play/Pause will begin playing the content in the playlist. The order of the songs will depend on the type of playlist, and whether shuffle has been chosen." <i>(Stiletto 2 User Guide, pages: 57)</i></p> <p>"Using The Media Dial</p> <ul style="list-style-type: none"> <li>• Place your finger on the Media Dial.</li> <li>• Rotate the dial clockwise or counter-clockwise to scroll, highlight a channel, genre, preset, menu item or list item.</li> <li>• Press the dial at the north, south, east and west locations for selecting</li> </ul> <p>Play/Pause Love Fast-Forward Rewind</p> <ul style="list-style-type: none"> <li>• Press the center button to Select function for a highlighted item."</li> </ul> <p><i>(Stiletto 2 User Guide, pages: 17)</i></p>
2	The audio program player as set forth in claim 1 further comprising	Every claim limitation of claim 1 is present in the Stiletto 2 as described above.
2.a	a display screen for displaying a scrollable listing describing each of	The Stiletto 2 has a display screen for displaying a scrollable listing describing each of said separate digital compressed audio program files in said collection displayed in said ordered sequence specified by said sequencing file.

	<p>said separate digital compressed audio program files in said collection displayed in said ordered sequence specified by said sequencing file</p>	<p>The Stiletto 2's display screen is an LCD screen. The display screen displays a scrollable listing for each separate file in said ordered sequence file (playlist).</p> <p>Stiletto 2 Buttons and Controls</p>  <p>The diagram shows the Stiletto 2 device with various controls labeled. At the top, there are 'Power Down' and 'Power On' buttons. The central LCD screen displays the 'SIRIUS' logo and a scrollable menu with options: 'Satellite Radio', 'Internet Radio', and 'Library'. Below the screen is a circular 'Media Dial' with a central 'Select' button. Surrounding the dial are several other buttons: 'Back', 'Home', 'Fast Forward', 'Play/Pause', 'Rewind', 'Options', 'Display', and 'Love'.</p> <p>(Stiletto 2 User Guide, pages: 13)</p>
<p>2.b</p>	<p>wherein said listener-selected audio program file is chosen by said listener by employing one or more of said manual controls to accept a program selection command from said</p>	<p>The Stiletto 2 allows the listener to select said audio program file by employing one or more of said manual controls to accept a program selection command from said listener to select one of said audio program files described on said scrollable listing for immediate reproduction by said audio output unit.</p> <p>Once the selection has been made, the Stiletto 2 begins reproducing the audio file.</p> <p>"Using The Media Dial</p>

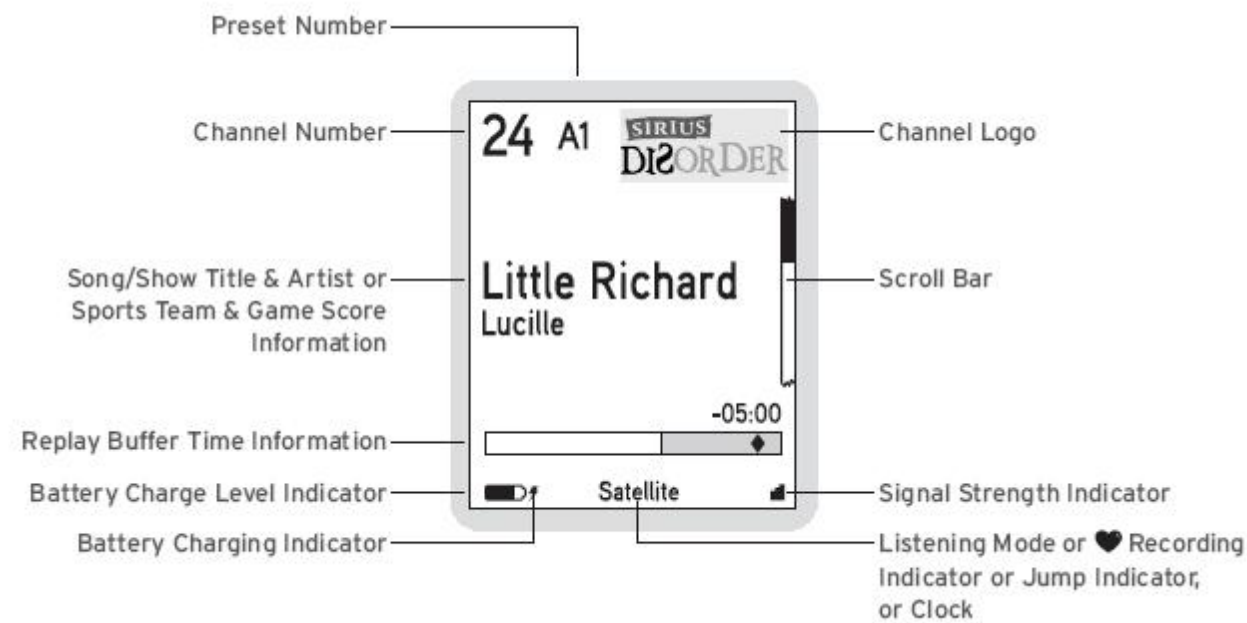
	<p>listener to select one of said audio program files described on said scrollable listing for immediate reproduction by said audio output unit.</p>	<ul style="list-style-type: none"> <li>• Place your finger on the Media Dial.</li> <li>• Rotate the dial clockwise or counter-clockwise to scroll, highlight a channel, genre, preset, menu item or list item.</li> <li>• Press the dial at the north, south, east and west locations for selecting</li> </ul> <p>Play/Pause Love Fast-Forward Rewind</p> <ul style="list-style-type: none"> <li>• Press the center button to Select function for a highlighted item."</li> </ul> <p><i>(Stiletto 2 User Guide, pages: 17)</i></p> <p>"Select playlists for listening, and songs within a playlist ...</p> <ul style="list-style-type: none"> <li>• User playlists are playlists you create on your PC computer and then transfer to the Stiletto 2."</li> </ul> <p><i>(Stiletto 2 User Guide, pages: 57)</i></p> <p>"Selecting a playlist by pressing Play/Pause will begin playing the content in the playlist. The order of the songs will depend on the type of playlist, and whether shuffle has been chosen." <i>(Stiletto 2 User Guide, pages: 57)</i></p>
3	<p>The audio program player as set forth in claim 2</p>	<p>Every claim limitation of claim 2 is present in the Stiletto 2 as described above.</p>
3.a	<p>wherein said display screen provides a visible</p>	<p>The display screen on the Stiletto 2 provides a visual indication of the currently playing audio program file in the collection of programs specified by said sequencing file and described on said</p>

indication of said currently playing audio program file in the collection of programs specified by said sequencing file and described on said scrollable listing.

scrollable listing.

When a song is playing, the Stiletto 2 displays song information, including song title and artist name.

The Now Playing screen is displayed whenever any audio is being played. It provides information such as the currently tuned channel, song or show being played, mode, recording, and other information.

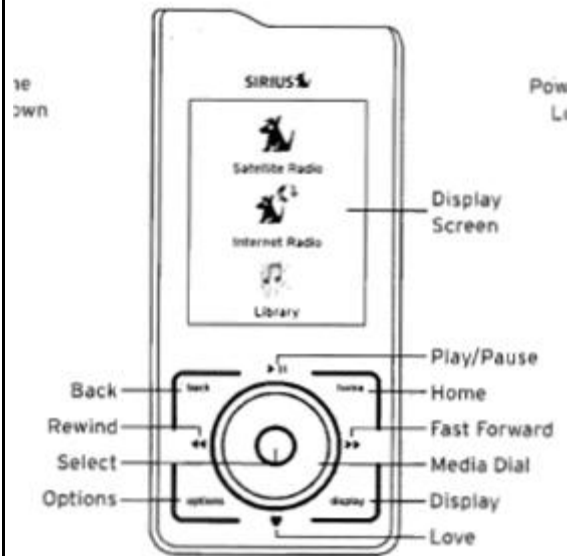


*(Stiletto 2 User Guide)*

4 The audio program

Every claim limitation of claim 3 is present in the Stiletto 2 as described above.

	player as set forth in claim 3	
4.a	<p>wherein said processor responds to a skip forward program selection command accepted from said listener by discontinuing the reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of that audio program file which follows said currently audio program file in said ordered sequence specified by said sequencing file.</p>	<p>The Stiletto 2 contains one or more processors that respond to a skip forward program selection command accepted from said listener by discontinuing the reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of that audio program file which follows said currently audio program file in said ordered sequence specified by said sequencing file.</p> <p>The identity of the processor or processors in the Stiletto 2 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p> <p>Once a listener enters the command to skip to the next file in the playlist by pressing the "&gt;&gt;" (fast forward) button, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the file next in the sequence specified by the playlist file.</p> <p>Stiletto 2 Buttons and Controls</p>



*(Stiletto 2 User Guide, pages: 13)*

### "Navigating Music

While listening to songs and recordings in the Library, you can pause, fast-forward, or rewind or skip from song-to-song. Use **Fast-Forward** and **Rewind** to move through the content: a single press will skip to the end or the beginning of the content, while pressing and holding will move through the content."

*(Stiletto 2 User Guide, pages: 52)*

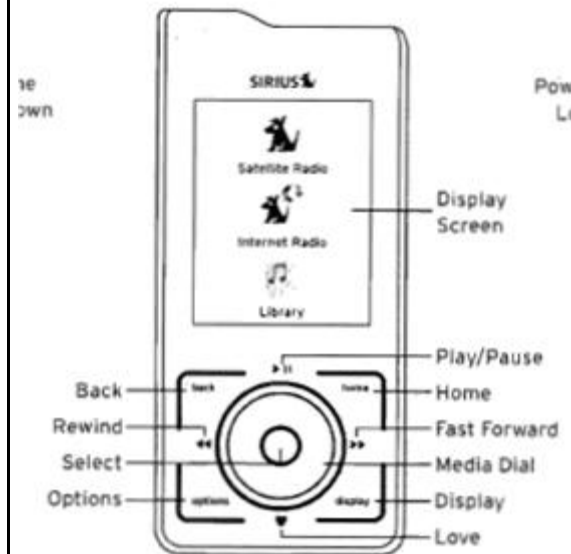
Stiletto 2 Fast-Forward Descriptions



currently playing audio program file and instead continuing the reproduction at the beginning of said currently playing audio program file.

playing at the time the button was pressed.

#### Stiletto 2 Buttons and Controls



*(Stiletto 2 User Guide, pages: 13)*




#### "Navigating Music

While listening to songs and recordings in the Library, you can pause, fast-forward, or rewind or skip from song-to-song Use **Fast-Forward** and **Rewind** to move through the content: a single press will skip to the end or the beginning of the content, while pressing and holding will move through the content."

*(Stiletto 2 User Guide, pages: 52)*

#### Stiletto 2 Rewind Descriptions



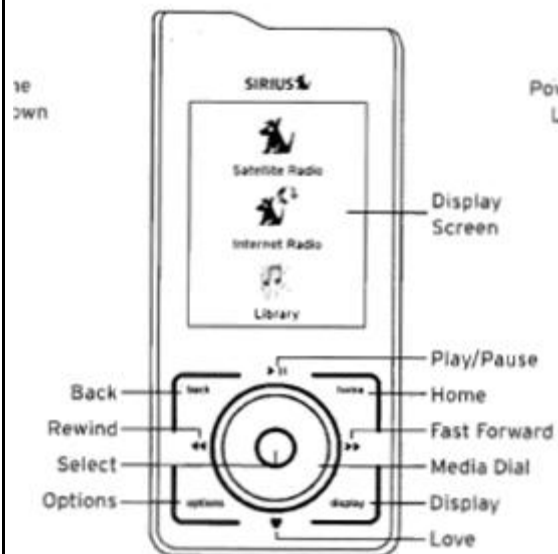
		<table border="1"> <thead> <tr> <th colspan="5" style="background-color: black; color: white;">Stiletto 2 Button and Control Descriptions</th> </tr> <tr> <th>Button</th> <th>Action</th> <th>Satellite Radio</th> <th>Internet Radio</th> <th>Replay/Library</th> </tr> </thead> <tbody> <tr> <td rowspan="2" style="text-align: center; vertical-align: middle;"> <b>Rewind</b>            </td> <td style="text-align: center;">Press</td> <td>           If listening, skips to the previous song or show             If in a channel or preset bank, moves through categories or preset banks         </td> <td>           If listening and muted, resumes playing             If in a channel or category list, moves through channel categories         </td> <td style="text-align: center;">           Skips to the beginning of the song or show         </td> </tr> <tr> <td style="text-align: center;">Hold</td> <td>If listening, rewinds through a broadcast</td> <td></td> <td style="text-align: center;">Rewinds through song or show</td> </tr> </tbody> </table> <p><i>(Stiletto 2 User Guide, pages: 14)</i></p>	Stiletto 2 Button and Control Descriptions					Button	Action	Satellite Radio	Internet Radio	Replay/Library	<b>Rewind</b>          	Press	If listening, skips to the previous song or show  If in a channel or preset bank, moves through categories or preset banks	If listening and muted, resumes playing  If in a channel or category list, moves through channel categories	Skips to the beginning of the song or show	Hold	If listening, rewinds through a broadcast		Rewinds through song or show
Stiletto 2 Button and Control Descriptions																					
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	Hold	If listening, rewinds through a broadcast		Rewinds through song or show																	
6	The audio program player as set forth in claim 5	Every claim limitation of claim 5 is present in the Stiletto 2 as described above.																			
6.a	wherein said processor responds to a skip backward program selection command accepted from said listener at a time when said currently playing audio program file has not yet played for said predetermined amount of time for discontinuing the reproduction of the currently playing	<p>The Stiletto 2 contains one or more processors that respond to a skip backward program selection command accepted from said listener at a time when said currently playing audio program file has not yet played for said predetermined amount of time for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which precedes the currently playing program segment in said ordered sequence specified by said sequencing file.</p> <p>The identity of the processor or processors in the Stiletto 2 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p> <p>Once a listener enters the command to skip backward by pressing the "&lt;&lt;" (rewind) button before a predetermined amount of time has passed, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the audio file that comes</p>																			

program segment and instead continuing the reproduction at the beginning of a program segment which precedes the currently playing program segment in said ordered sequence specified by said sequencing file.

before it in the playlist sequence.

The predetermined amount of time on the Stiletto 2 is approximately 5 seconds. If after the predetermined amount of time has passed the listener presses the "<<" button twice it will go to the previous track. The first press of the button causes the Stiletto 2 to go back to the beginning of the current audio program file (as described in Claim 5) and the second press of the button, occurring before the predetermined amount of time elapses, causes the Stiletto 2 to continue reproduction at the beginning of the audio program file preceding the current file in the sequence.




#### Stiletto 2 Buttons and Controls




*(Stiletto 2 User Guide, pages: 13)*

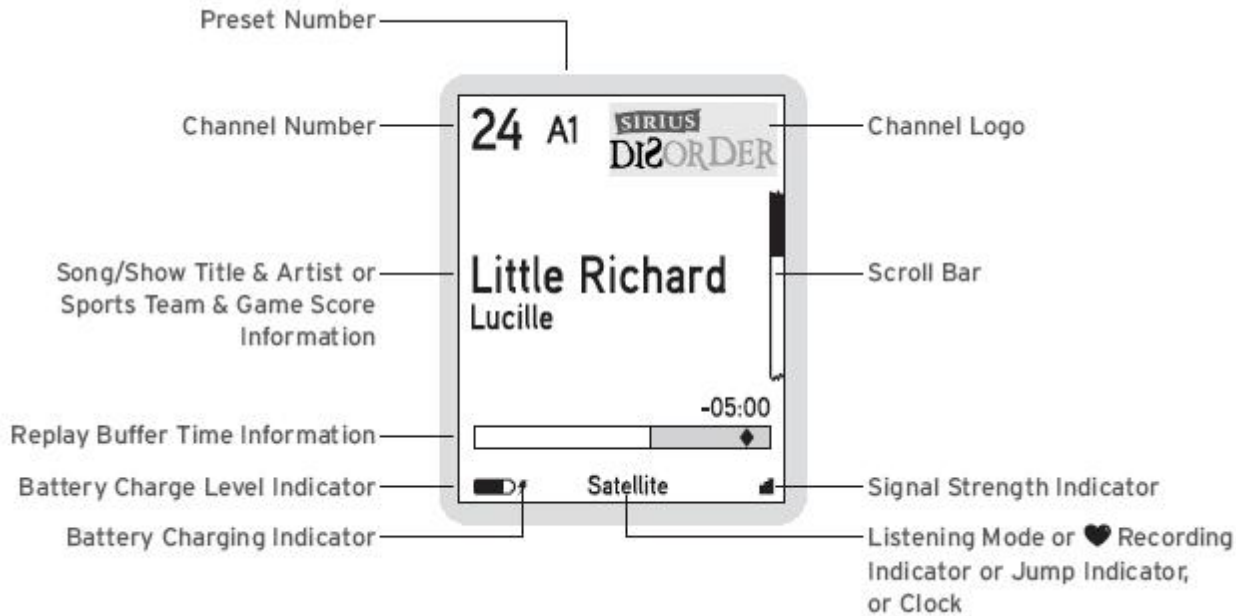
#### "Navigating Music

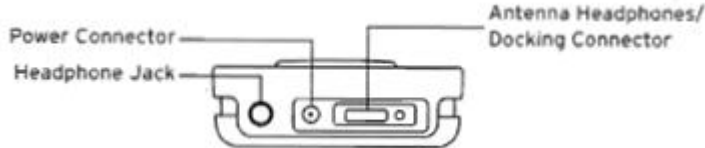

While listening to songs and recordings in the Library, you can pause, fast-forward, or rewind or skip from song-to-song Use **Fast-Forward** and **Rewind** to move through the content: a single press

		<p>will skip to the end or the beginning of the content, while pressing and holding will move through the content."  <i>(Stiletto 2 User Guide, pages: 52)</i></p> <p>Stiletto 2 Rewind Descriptions</p> <table border="1"> <thead> <tr> <th colspan="5"><b>Stiletto 2 Button and Control Descriptions</b></th> </tr> <tr> <th>Button</th> <th>Action</th> <th>Satellite Radio</th> <th>Internet Radio</th> <th>Replay/Library</th> </tr> </thead> <tbody> <tr> <td><b>Rewind</b></td> <td>Press</td> <td>If listening, skips to the previous song or show If in a channel or preset bank, moves through categories or preset banks</td> <td>If listening and muted, resumes playing If in a channel or category list, moves through channel categories</td> <td>Skips to the beginning of the song or show</td> </tr> <tr> <td></td> <td>Hold</td> <td>If listening, rewinds through a broadcast</td> <td></td> <td>Rewinds through song or show</td> </tr> </tbody> </table> <p><i>(Stiletto 2 User Guide, pages: 14)</i></p>	<b>Stiletto 2 Button and Control Descriptions</b>					Button	Action	Satellite Radio	Internet Radio	Replay/Library	<b>Rewind</b>	Press	If listening, skips to the previous song or show If in a channel or preset bank, moves through categories or preset banks	If listening and muted, resumes playing If in a channel or category list, moves through channel categories	Skips to the beginning of the song or show		Hold	If listening, rewinds through a broadcast		Rewinds through song or show
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	Hold	If listening, rewinds through a broadcast		Rewinds through song or show																		
9	The audio program player as set forth in claim 1	Every claim limitation of claim 1 is present in the Stiletto 2 as described above.																				
9.a	wherein each audio program file in said collection specified by said sequencing file is selected in accordance with program preference data or program	<p>The Stiletto 2 contains an audio program file in said collection specified by said sequencing file that is selected in accordance with program preference data or program selections accepted from said listener to define a playback session that is personalized to the preferences of said listener.</p> <p>The Stiletto 2 is designed and configured to contain playlists and audio program files that are generated in multiple different ways. The playlist and the specified audio files are downloaded to the Stiletto 2 in accordance with the claim limitations described above. Sirius provides instructions for a</p>																				

	<p>selections accepted from said listener to define a playback session that is personalized to the preferences of said listener.</p>	<p>listener to create playlists.</p> <p>"Select playlists for listening, and songs within a playlist ..."</p> <ul style="list-style-type: none"> <li>• User playlists are playlists you create on your PC computer and then transfer to the Stiletto 2."</li> </ul> <p><i>(Stiletto 2 User Guide, pages: 57)</i></p>
<p>14</p>	<p>An audio program player for automatically playing a collection of audio program files selected by a listener, said player comprising, in combination:</p>	<p>The Stiletto 2 is an audio program player that automatically plays a collection of audio program files selected by a listener. Songs, audiobooks or portions of audiobooks, installments of podcasts, and audio portions of videos are examples of audio program files.</p> <p>Stiletto 2:</p>  <p>"Stiletto 2 gives you powerful features. Like the ability to save up to 100 hours of songs and shows. It can also download and play MP3 &amp; WMA files you already own." <i>(Stiletto 2 User Guide, pages: ii)</i></p>

14.a	a memory unit for storing:	<p>The Stiletto 2 has a memory unit for storing.</p> <p>The digital memory unit in the Stiletto 2 is a flash memory drive.</p> <p>"Internal Memory 2 GB...microSD Card Size: up to 8GB." (<i>Stiletto 2 User Guide, pages: 84</i>)</p>
14.b	(a) a plurality of audio program files,	<p>The Stiletto 2 has a memory unit that stores a plurality of audio program files.</p> <p>The Stiletto 2 supports a plurality of program segment types. Program segments are, for example, songs.</p> <p>"The Stiletto 2 can store and play MP3 or WMA files from your personal Library, and purchased or subscription content from most Windows Media (WMA) based online music sites." (<i>Stiletto 2 User Guide, pages: 59</i>)</p>
14.c	(b) program description data including displayable text describing each of said audio program files, and	<p>The Stiletto 2 has a memory unit for storing program description data including displayable text describing each of the audio program files.</p> <p>Text describing the program files is displayed on the screen and includes, but is not limited to, the artist and song name. This text is program description data stored on the memory unit.</p> <p>The Now Playing screen is displayed whenever any audio is being played. It provides information such as the currently tuned channel, song or show being played, mode, recording, and other information.</p>

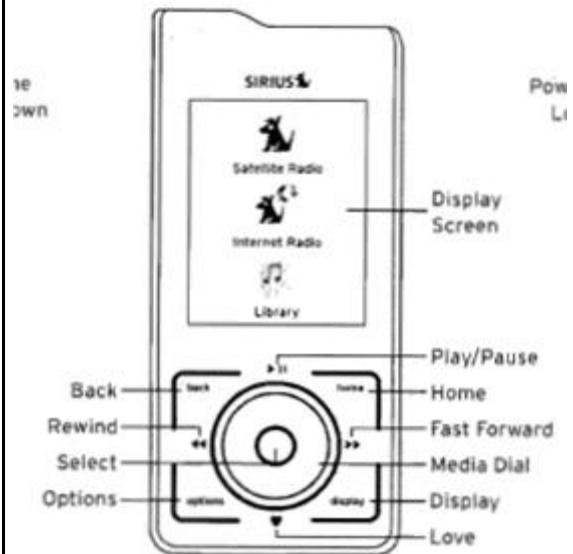
		 <p>The diagram shows a rectangular display screen with the following labeled components:</p> <ul style="list-style-type: none"> <li><b>Preset Number:</b> Points to the number '24' at the top left.</li> <li><b>Channel Number:</b> Points to 'A1' next to the preset number.</li> <li><b>Channel Logo:</b> Points to the 'SIRIUS DISORDER' logo at the top right.</li> <li><b>Song/Show Title &amp; Artist or Sports Team &amp; Game Score Information:</b> Points to the text 'Little Richard Lucille' in the center.</li> <li><b>Replay Buffer Time Information:</b> Points to a progress bar at the bottom with '-05:00' on the right.</li> <li><b>Battery Charge Level Indicator:</b> Points to a battery icon on the bottom left.</li> <li><b>Battery Charging Indicator:</b> Points to a charging symbol next to the battery icon.</li> <li><b>Signal Strength Indicator:</b> Points to a signal strength icon on the bottom right.</li> <li><b>Listening Mode or Recording Indicator or Jump Indicator, or Clock:</b> Points to a heart icon and other symbols on the bottom right.</li> <li><b>Scroll Bar:</b> Points to a vertical bar on the right side of the screen.</li> </ul> <p>(Stiletto 2 User Guide)</p>
14.d	(c) at least one separately stored playback session sequencing file which specifies an ordered sequence of a collection of said plurality of audio program files,	<p>The Stiletto 2 separately stores at least one playback session sequencing file which specifies an ordered sequence of a collection of the plurality of audio program files.</p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the Stiletto 2 is the playlist file. The specific format and contents of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>"Select playlists for listening, and songs within a playlist ...</p> <ul style="list-style-type: none"> <li>• User playlists are playlists you create on your PC computer and then transfer to the</li> </ul>

		<p>Stiletto 2."</p> <p><i>(Stiletto 2 User Guide, pages: 57)</i></p>
<p>14.e</p>	<p>a communications port for downloading at least some of said audio program files and said playback session sequencing file from said one or more server computers, at least some of said audio program files downloaded from said one or more server computers being selected by said listener from a library of audio program files available from said one or more server computers, and</p>	<p>The Stiletto 2 has a communications port for downloading at least some of the audio program files and the playback session sequencing file from the one or more server computers, at least some of the audio program files downloaded from the one or more server computers being selected by the listener from a library of audio program files available from the one or more server computers.</p> <p>The communications port is the docking connector on the bottom of the Stiletto 2</p> <p>Bottom view of Stiletto 2</p>  <p><i>(Stiletto 2 User Guide, pages: 13)</i></p> <p>"To connect the Stiletto 2 to a PC, connect one end of the USB cable to the Stiletto 2 and the other end to an available USB port on the PC."</p>  <p><i>(Stiletto 2 User Guide, pages: 76)</i></p> <p>The file of data establishing a sequence in which the program segments are scheduled to be</p>

		<p>reproduced by the Stiletto 2 is the playlist file. The specific format of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>When the Stiletto 2 downloads files, at least some of the audio files are selected by the listener from a library of audio program files available from one or more server computer. For example, the playlists may be created by the listener on the server computer.</p> <p>"Select playlists for listening, and songs within a playlist ...</p> <ul style="list-style-type: none"> <li>• User playlists are playlists you create on your PC computer and then transfer to the Stiletto 2."</li> </ul> <p><i>(Stiletto 2 User Guide, pages: 57)</i></p> <p>The My SIRIUS Studio software included with your Stiletto 2 allows you to connect your Stiletto 2 to your PC computer...</p> <ul style="list-style-type: none"> <li>• Creating playlists and adding songs to the playlists.</li> <li>• Streaming SIRIUS music channels over the Internet.</li> <li>• Checking for updates to the device software and downloading them to the Stiletto 2, and re-installing deleted device software."</li> </ul> <p><i>(Stiletto 2 User Guide, pages: 77)</i></p>
14.f	<p>said audio program files in said collection specified by said playback session sequencing file being selected by or on behalf of said listener to</p>	<p>In the Stiletto 2, the audio program files in the collection specified by the playback session sequencing file are selected by or on behalf of the listener to produce a personalized playback session.</p> <p>The Stiletto 2 is designed and configured to contain playlists and audio program files that are generated in multiple different ways. The playlist and the specified audio files are downloaded to the Stiletto 2 in accordance with the claim limitations described above. Sirius provides instructions for a</p>



	<p>produce a personalized playback session,</p>	<p>listener to create playlists.</p> <p>Once a listener creates a playlist, the audio files in the playlist are selected in accordance with program selections accepted from the listener.</p> <p>"The Software CD includes My SIRIUS Studio. Use it to create playlists and transfer songs from a PC to your Stiletto 2 using the included USB cable." (<i>Stiletto 2 Getting Started Guide, pages: 5</i>)</p> <p>"Select playlists for listening, and songs within a playlist ...</p> <ul style="list-style-type: none"> <li>• User playlists are playlists you create on your PC computer and then transfer to the Stiletto 2."</li> </ul> <p>(<i>Stiletto 2 User Guide, pages: 57</i>)</p>
14.g	<p>one or more controls for accepting input commands from said listener,</p>	<p>The Stiletto 2 has one or more controls for accepting input commands from the listener through the media dial and buttons.</p> <p>Stiletto 2 Buttons and Controls</p>



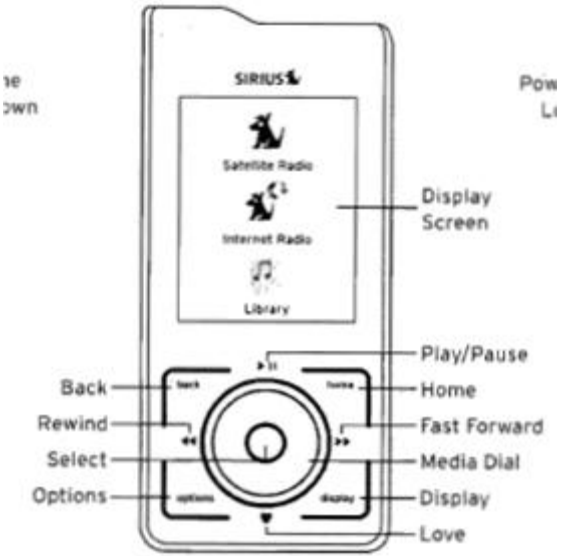
*(Stiletto 2 User Guide, pages: 13)*


### "Using The Media Dial

- Place your finger on the Media Dial.
- Rotate the dial clockwise or counter-clockwise to scroll, highlight a channel, genre, preset, menu item or list item.
- Press the dial at the north, south, east and west locations for selecting

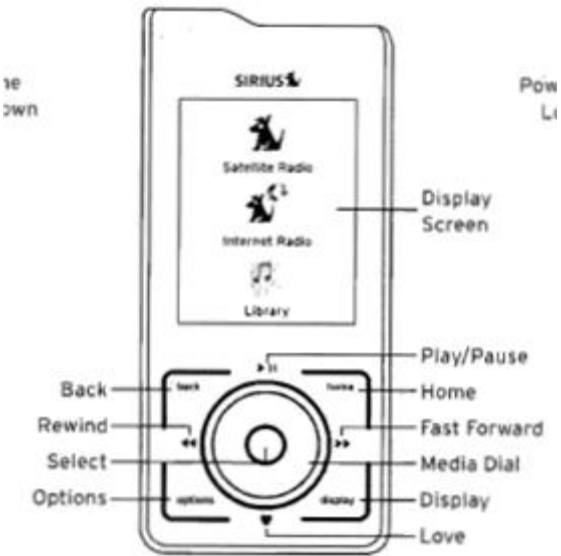
Play/Pause  
Love  
Fast-Forward  
Rewind

- Press the center button to Select function for a highlighted item."

		<p>(Stiletto 2 User Guide, pages: 17)</p>
<p>14.h</p>	<p>a display screen for presenting a visual menu listing to said listener containing displayable text describing some or all of the audio program files in said collection specified by said sequencing file,</p>	<p>The Stiletto 2 has a display screen in the form of an LCD screen with an LED backlight. The display screen displays a visual menu listing to the listener that contains text describing some or all of the audio files in the playlist.</p> <p>Stiletto 2 Buttons and Controls</p>  <p>The diagram shows the front of the Stiletto 2 device. At the top is a rectangular LCD display screen showing the SIRIUS logo, a satellite icon, and the text 'Satellite Radio', 'Internet Radio', and 'Library'. Below the screen is a circular 'Media Dial' with a central 'I' button. Surrounding the dial are several control buttons: 'Back' (left), 'Home' (right), 'Rewind' (top-left), 'Fast Forward' (top-right), 'Options' (bottom-left), and 'Love' (bottom-right). Above the dial is a 'Play/Pause' button. To the left of the device is a 'Volume Down' button, and to the right is a 'Power' button.</p> <p>(Stiletto 2 User Guide, pages: 13)</p> <p>"Select playlists for listening, and songs within a playlist ..."</p> <ul style="list-style-type: none"> <li>• User playlists are playlists you create on your PC computer and then transfer to the Stiletto 2."</li> </ul> <p>(Stiletto 2 User Guide, pages: 57)</p>

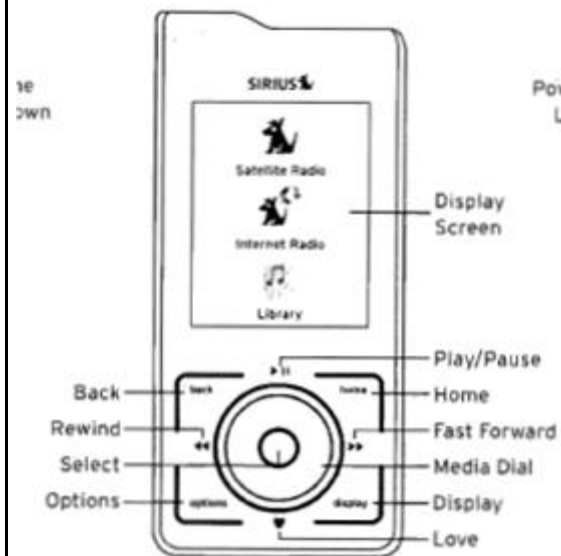
		<p>Visual Menu Listing</p> <p>Figure 17</p>  <p>Artists Screen</p> <p><i>(Stiletto 2 User Guide, pages: 54)</i></p>
14.i	<p>an audio playback unit for automatically and continuously reproducing said audio program files in said collection in the ordered sequence specified by said playback session sequencing file in the absence of a control command from said listener, and</p>	<p>The Stiletto 2 contains an audio playback unit for automatically and continuously reproducing audio program files in the ordered sequence specified in the playback session sequencing file in the absence of a control command from the listener.</p> <p>The identity of the audio playback unit or units in the Stiletto 2 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p> <p>Once a user has started listening to a playlist on the Stiletto 2, the device automatically plays the song next in line in the playlist after the previous song ends. The Stiletto 2 continuously reproduces the songs in the order established by the playlist without the need for the user to utilize a control command.</p> <p>"Selecting a playlist by pressing Play/Pause will begin playing the content in the playlist. The order</p>

		of the songs will depend on the type of playlist, and whether shuffle has been chosen." ( <i>Stiletto 2 User Guide, pages: 57</i> )
14.j	a processor for executing one or more utility programs to perform control functions in response to said input commands from a user, said functions including:	<p>The Stiletto 2 contains a processor for executing one or more utility programs to perform control functions in response to input commands from a user.</p> <p>The identity of the processor or processors in the Stiletto 2 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p> <p>Once a user enters a command, the Stiletto 2 responds with appropriate action as described below.</p>
14.k	(a) in response to a first one of said input commands designating a selected audio program file described on said visual menu listing for causing said audio playback unit to discontinue the reproduction of the currently playing audio program file in said ordered sequence and to instead continue the reproduction at the beginning of said selected audio program file,	<p>In response to a first input command designating a selected audio program file described on said visual menu listing, the Stiletto 2 discontinues the reproduction of the currently playing audio program file in said ordered sequence and instead continues the reproduction at the beginning of said selected audio program file.</p> <p>Once a listener enters the command to play a song, the Stiletto 2 discontinues playing the current audio program file and begins playing at the beginning of the selected audio program file.</p> <p>Stiletto 2 Buttons and Controls</p>

		 <p>(Stiletto 2 User Guide, pages: 13)</p> <p>"Selecting a playlist by pressing Play/Pause will begin playing the content in the playlist. The order of the songs will depend on the type of playlist, and whether shuffle has been chosen." (Stiletto 2 User Guide, pages: 57)</p>
14.1	(b) in response to a second one of said control commands for discontinuing the reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of that audio	<p>In response to a second control command for discontinuing the reproduction of the currently playing audio program file, the Stiletto 2 will instead continue the reproduction at the beginning of that audio program file which follows the currently playing audio program file in the ordered sequence specified by the playback session sequencing file.</p> <p>Once a listener enters the command to skip to the next file in the playlist by pressing the "&gt;&gt;" (fast forward) button, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the file next in the sequence specified by the playlist file.</p>

program file which follows said currently playing audio program file in said ordered sequence specified by said playback session sequencing file,

### Stiletto 2 Buttons and Controls



*(Stiletto 2 User Guide, pages: 13)*

### "Navigating Music

While listening to songs and recordings in the Library, you can pause, fast-forward, or rewind or skip from song-to-song Use **Fast-Forward** and **Rewind** to move through the content: a single press will skip to the end or the beginning of the content, while pressing and holding will move through the content."

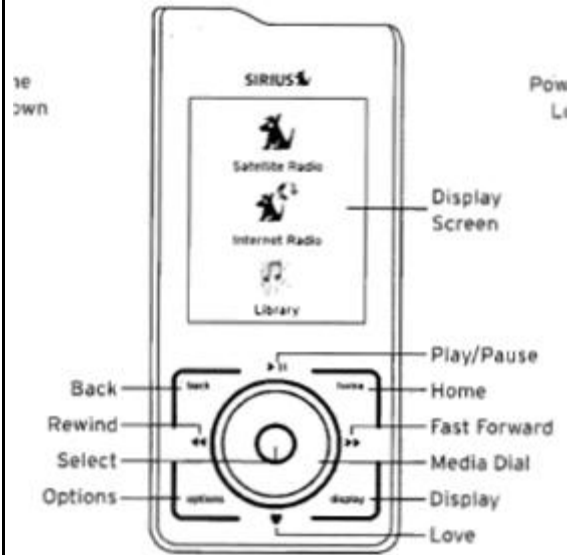
*(Stiletto 2 User Guide, pages: 52)*

### Stiletto 2 Fast-Forward Descriptions

		<table border="1"> <thead> <tr> <th colspan="5"><b>Stiletto 2 Button and Control Descriptions</b></th> </tr> <tr> <th>Button</th> <th>Action</th> <th>Satellite Radio</th> <th>Internet Radio</th> <th>Replay/Library</th> </tr> </thead> <tbody> <tr> <td><b>Fast-Forward</b></td> <td>Press</td> <td>If listening, skips in the replay buffer to the next song or show If in a channel or preset bank, moves through categories or preset banks</td> <td>If listening and muted, resumes playing If in a channel or category list, moves through channel categories</td> <td>Skips to the next song or show</td> </tr> <tr> <td>▶▶</td> <td>Hold</td> <td>Fast-Forwards through the replay buffer until live</td> <td></td> <td>Fast-Forwards through song or show</td> </tr> </tbody> </table> <p><i>(Stiletto 2 User Guide, pages: 15)</i></p>	<b>Stiletto 2 Button and Control Descriptions</b>					Button	Action	Satellite Radio	Internet Radio	Replay/Library	<b>Fast-Forward</b>	Press	If listening, skips in the replay buffer to the next song or show If in a channel or preset bank, moves through categories or preset banks	If listening and muted, resumes playing If in a channel or category list, moves through channel categories	Skips to the next song or show	▶▶	Hold	Fast-Forwards through the replay buffer until live		Fast-Forwards through song or show
<b>Stiletto 2 Button and Control Descriptions</b>																						
Button	Action	Satellite Radio	Internet Radio	Replay/Library																		
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▶▶	Hold	Fast-Forwards through the replay buffer until live		Fast-Forwards through song or show																		
14.m	(c) in response to a third one of said control commands accepted from said listener at a time when said currently playing audio program file has played for at least a predetermined amount of time by discontinuing the reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of said	<p>In response to a third control command accepted from the listener at a time when the currently playing audio program file has played for at least a predetermined amount of time, the Stiletto 2 discontinues the reproduction of the currently playing audio program file and instead continues the reproduction at the beginning of the currently playing audio program file.</p> <p>Once a listener enters the command to skip backward by pressing the "&lt;&lt;" (Rewind) button after a predetermined amount of time, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the same audio file that was playing at the time the button was pressed.</p> <p>Stiletto 2 Buttons and Controls</p>																				



currently playing audio program file, and






*(Stiletto 2 User Guide, pages: 13)*

**"Navigating Music**

While listening to songs and recordings in the Library, you can pause, fast-forward, or rewind or skip from song-to-song Use **Fast-Forward** and **Rewind** to move through the content: a single press will skip to the end or the beginning of the content, while pressing and holding will move through the content."

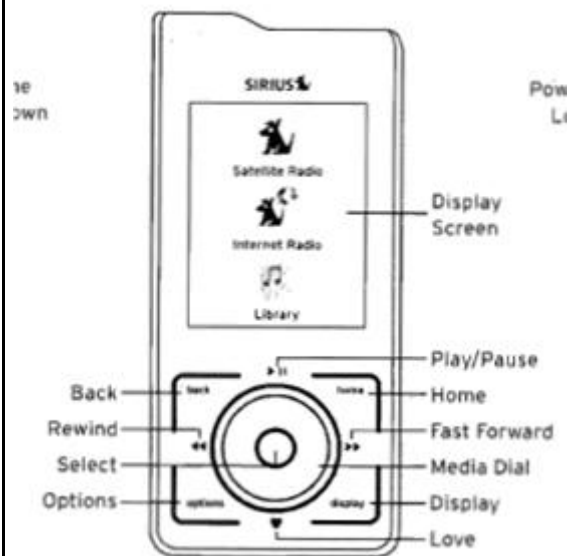
*(Stiletto 2 User Guide, pages: 52)*

Stiletto 2 Rewind Descriptions

		<table border="1"> <thead> <tr> <th colspan="5" style="background-color: black; color: white;">Stiletto 2 Button and Control Descriptions</th> </tr> <tr> <th>Button</th> <th>Action</th> <th>Satellite Radio</th> <th>Internet Radio</th> <th>Replay/Library</th> </tr> </thead> <tbody> <tr> <td rowspan="2" style="text-align: center; vertical-align: middle;"> <b>Rewind</b>            </td> <td style="text-align: center;">Press</td> <td>           If listening, skips to the previous song or show             If in a channel or preset bank, moves through categories or preset banks         </td> <td>           If listening and muted, resumes playing             If in a channel or category list, moves through channel categories         </td> <td style="text-align: center;">           Skips to the beginning of the song or show         </td> </tr> <tr> <td style="text-align: center;">Hold</td> <td>If listening, rewinds through a broadcast</td> <td></td> <td style="text-align: center;">Rewinds through song or show</td> </tr> </tbody> </table> <p><i>(Stiletto 2 User Guide, pages: 14)</i></p>	Stiletto 2 Button and Control Descriptions					Button	Action	Satellite Radio	Internet Radio	Replay/Library	<b>Rewind</b>          	Press	If listening, skips to the previous song or show  If in a channel or preset bank, moves through categories or preset banks	If listening and muted, resumes playing  If in a channel or category list, moves through channel categories	Skips to the beginning of the song or show	Hold	If listening, rewinds through a broadcast		Rewinds through song or show
Stiletto 2 Button and Control Descriptions																					
Button	Action	Satellite Radio	Internet Radio	Replay/Library																	
<b>Rewind</b>          	Press	If listening, skips to the previous song or show  If in a channel or preset bank, moves through categories or preset banks	If listening and muted, resumes playing  If in a channel or category list, moves through channel categories	Skips to the beginning of the song or show																	
	Hold	If listening, rewinds through a broadcast		Rewinds through song or show																	
14.n	<p>(d) in response to said third one of said control commands accepted from said listener at a time when said currently playing audio program file has not yet played for said predetermined amount of time for discontinuing the reproduction of the currently playing program file and instead continuing the reproduction at the beginning of that audio program file which</p>	<p>In response to a third control command accepted from the listener at a time when the currently playing audio program file has not yet played for a predetermined amount of time, the Stiletto 2 discontinues the reproduction of the currently playing program file and instead continues the reproduction at the beginning of that audio program file which precedes the currently playing program segment in the ordered sequence specified by said playback session sequencing file.</p> <p>Once a listener enters the command to skip backward by pressing the "&lt;&lt;" (rewind) button before a predetermined amount of time has passed, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the audio file that comes before it in the playlist sequence.</p> <p>The predetermined amount of time on the Stiletto 2 is approximately 5 seconds. If after the predetermined amount of time has passed the listener presses the "&lt;&lt;" button twice it will go to the previous track. The first press of the button causes the Stiletto 2 to go back to the beginning of the current audio program file (as described in Claim 5) and the second press of the button, occurring before the predetermined amount of time elapses, causes the Stiletto 2 to continue reproduction at the beginning of the audio program file preceding the current file in the sequence.</p>																			

precedes the currently playing program segment in said ordered sequence specified by said playback session sequencing file.

### Stiletto 2 Buttons and Controls






*(Stiletto 2 User Guide, pages: 13)*

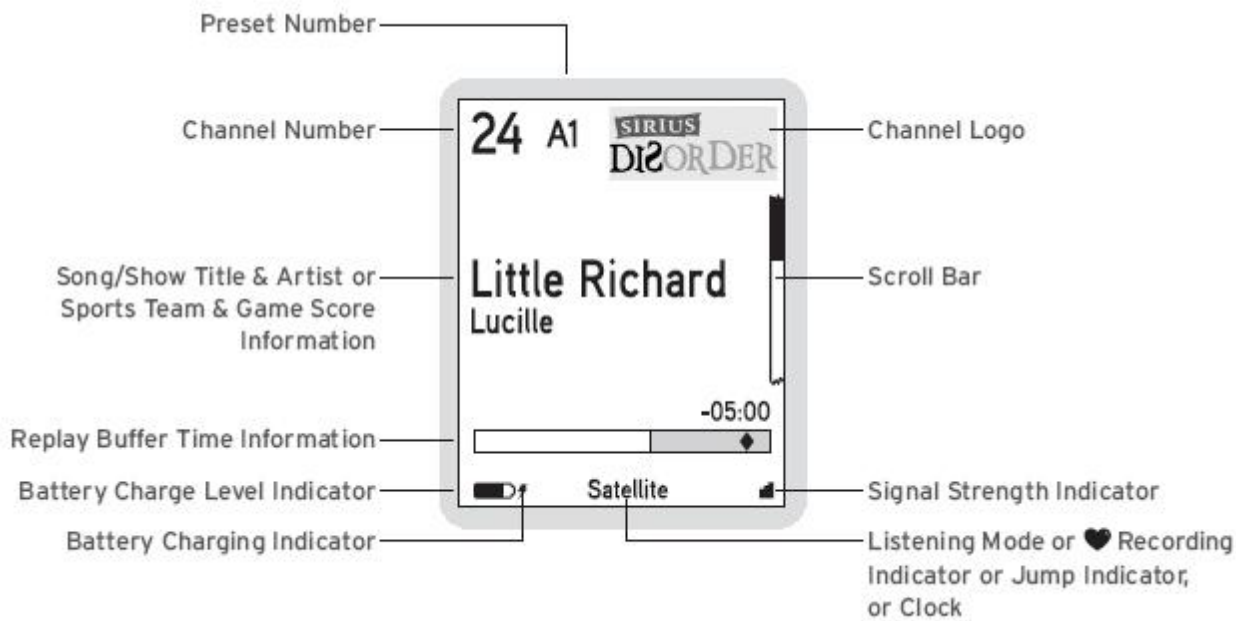
### "Navigating Music

While listening to songs and recordings in the Library, you can pause, fast-forward, or rewind or skip from song-to-song. Use **Fast-Forward** and **Rewind** to move through the content: a single press will skip to the end or the beginning of the content, while pressing and holding will move through the content."

*(Stiletto 2 User Guide, pages: 52)*

### Stiletto 2 Rewind Descriptions

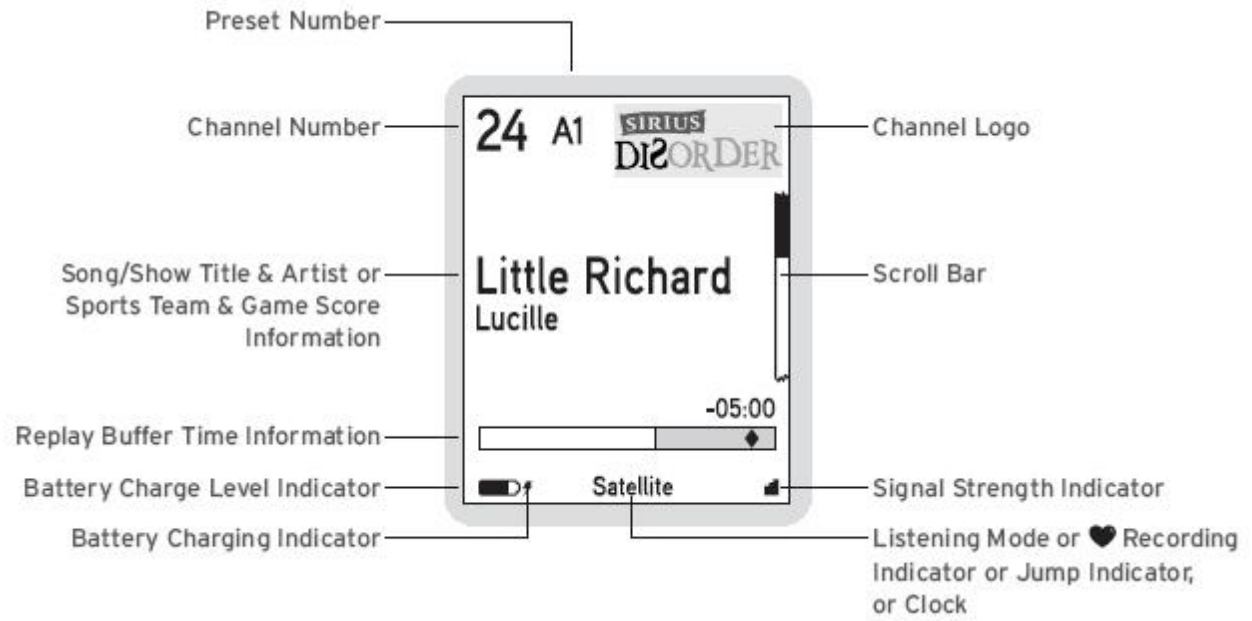
		<table border="1"> <thead> <tr> <th colspan="5" style="background-color: black; color: white;">Stiletto 2 Button and Control Descriptions</th> </tr> <tr> <th>Button</th> <th>Action</th> <th>Satellite Radio</th> <th>Internet Radio</th> <th>Replay/Library</th> </tr> </thead> <tbody> <tr> <td rowspan="2" style="text-align: center; vertical-align: middle;"> <b>Rewind</b>            </td> <td style="text-align: center;">Press</td> <td>           If listening, skips to the previous song or show             If in a channel or preset bank, moves through categories or preset banks         </td> <td>           If listening and muted, resumes playing             If in a channel or category list, moves through channel categories         </td> <td>           Skips to the beginning of the song or show         </td> </tr> <tr> <td style="text-align: center;">Hold</td> <td>If listening, rewinds through a broadcast</td> <td></td> <td>Rewinds through song or show</td> </tr> </tbody> </table> <p><i>(Stiletto 2 User Guide, pages: 14)</i></p>	Stiletto 2 Button and Control Descriptions					Button	Action	Satellite Radio	Internet Radio	Replay/Library	<b>Rewind</b>          	Press	If listening, skips to the previous song or show  If in a channel or preset bank, moves through categories or preset banks	If listening and muted, resumes playing  If in a channel or category list, moves through channel categories	Skips to the beginning of the song or show	Hold	If listening, rewinds through a broadcast		Rewinds through song or show
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	Hold	If listening, rewinds through a broadcast		Rewinds through song or show																	
15	The audio program player for automatically playing a collection of audio program files selected by a listener as set forth in claim 14	Every claim limitation of claim 14 is present in the Stiletto 2 as described above.																			
15.a	wherein said display screen visually indicates the currently playing audio program file as playing progresses.	<p>The Stiletto 2's display screen visually indicates the currently playing audio program file as playing progresses.</p> <p>The Now Playing screen is displayed whenever any audio is being played. It provides information such as the currently tuned channel, song or show being played, mode, recording, and other information.</p>																			

		 <p>(Stiletto 2 User Guide)</p>
28	The audio program player for automatically playing a collection of audio program files selected by a listener as set forth in claim 14	Every claim limitation of claim 14 is present in the Stiletto 2 as described above.
28.a	wherein each of said audio program files stored in said memory unit is designated by a	Each of the audio program files stored in the memory unit is designated by a unique program identifier.  On information and belief, the playlist file in the Stiletto 2 specifies the unique program identifier for

	unique program identifier and	the program files included in the playlist file.
28.b	wherein said playback session sequencing file specifies the program identifier of each of the audio program files in said collection.	<p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the Stiletto 2 is the playlist file. The specific format of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>On information and belief, the playlist file in the Stiletto 2 specifies the unique program identifier for the program files stored in the playlist file.</p>
29	The audio program player for automatically playing a collection of audio program files selected by a listener as set forth in claim 28	Every claim limitation of claim 28 is present in the Stiletto 2 as described above.
29.a	wherein said program description data comprises a plurality of program description records each of which:	<p>The Stiletto 2 uses program description data comprising a plurality of program description records.</p> <p>On information and belief, the Stiletto 2 stores information about each separate digital audio file as described below.</p>
29.b	(a) describes a given one of said audio program files stored in said memory unit, (b) contains or is designated by the unique program identifier designating said given one of said audio program files, (c)	<p>The Stiletto 2 stores program description data that (a) describes a given one of said separate digital compressed audio program files stored in said digital memory unit, (b) contains or is designated by the unique program identifier designating said given one of said audio program files, (c) specifies text displayable on said display screen describing said given one of said separate digital compressed audio program files, and (d) specifies the storage location of said given one of said separate digital compressed audio program files.</p> <p>On information and belief, the Stiletto 2 stores a wide range of program description data, including data that describes the audio files.</p>

specifies said displayable text describing said given one of said audio program files, and (d) specifies the storage location of said given one of said audio program files.

Sample descriptive data is shown in the Now Playing screen below.

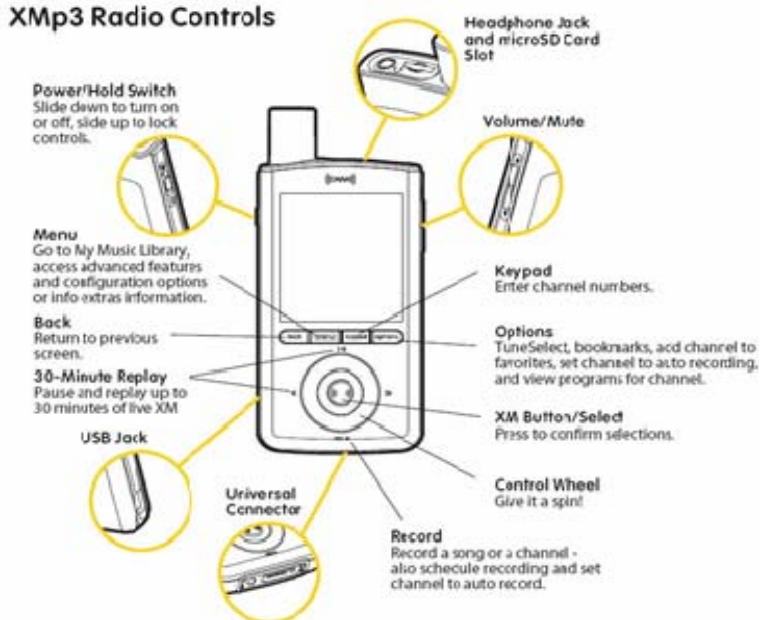


*(Stiletto 2 User Guide)*

**EXHIBIT J**

**Personal Audio Infringement Contentions for U.S. 7,509,178  
Sirius XMp3**

The following sets forth Plaintiff's contentions regarding the manner in which the Sirius' XMp3 product infringes U.S. Patent No. 7,509,178.

	<b>Claim</b>	<b>Infringement Support</b>
1	An audio program player comprising:	<p>The XMp3 is a player for reproducing selected audio program segments. Songs, audiobooks or portions of audiobooks, and installments of podcasts are examples of audio program segments.</p> <p align="center"><b>XMp3 Radio Controls</b></p>  <p><i>(XMp3 User Guide, pages: 14)</i></p>



		<ul style="list-style-type: none"> <li>• "Upload MP3 files, WMA tracks, and Audible.com books from your PC. Manage your collection and playlists with the XM2go Music Manager software.</li> <li>• Store MP3 or WMA files on a removable microSD memory card (sold separately)."</li> </ul> <p><i>(XMp3 User Guide, pages: 5)</i></p>
1.a	<p>a communications port for establishing a data communications link for downloading a plurality of separate digital compressed audio program files and a separate sequencing file from one or more server computers,</p>	<p>The XMp3 has a communications port for establishing a data communications link for downloading a plurality of separate digital compressed audio program files and a separate sequencing file from one or more server computers.</p> <p>The communications port is the "Universal Connector" in the XMp3.</p> <p>XMP3 Controls</p>

## Introduction

### XMp3 Radio Controls

**Power/Hold Switch**  
Slide down to turn on or off, slide up to lock controls.

**Menu**  
Go to My Music Library, access advanced features and configuration options or info extras information.

**Back**  
Return to previous screen.

**30-Minute Replay**  
Pause and replay up to 30 minutes of live XM.

**USB Jack**

**Universal Connector**

**Headphone Jack and microSD Card Slot**

**Volume/Mute**

**Keypad**  
Enter channel numbers.

**Options**  
TuneSelect, bookmarks, add channel to favorites, set channel to auto recording, and view programs for channel.

**XM Button>Select**  
Press to confirm selections.

**Control Wheel**  
Give it a spin!

**Record**  
Record a song or a channel - also schedule recording and set channel to auto record.

14

*(XMp3 User Guide, pages: 14)*

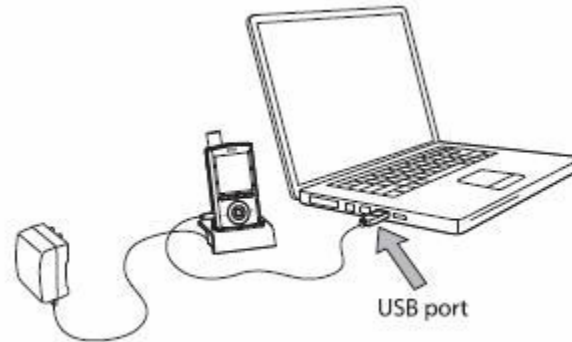
### USB Cable



USB Cable

*(XMp3 User Guide, pages: 12)*

#### XMP3 Connection to PC



*(XMp3 User Guide, pages: 45)*

The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the XMp3 is the playlist file. The specific format and contents of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).

"You can create one or more custom lists, called playlists. A playlist is simply a collection of recorded tracks that play in a certain order. Create a "morning commute" playlist, a "workout" playlist, a "best of" playlist, and more. And yes, the same song can appear on more than one playlist.

1. While listening to recorded XM or MP3/WMA files, select options → Add to Playlist.
2. Choose to add the song to an existing playlist or to a new playlist. To create a new playlist, select New Playlist. You will see an alphabetic

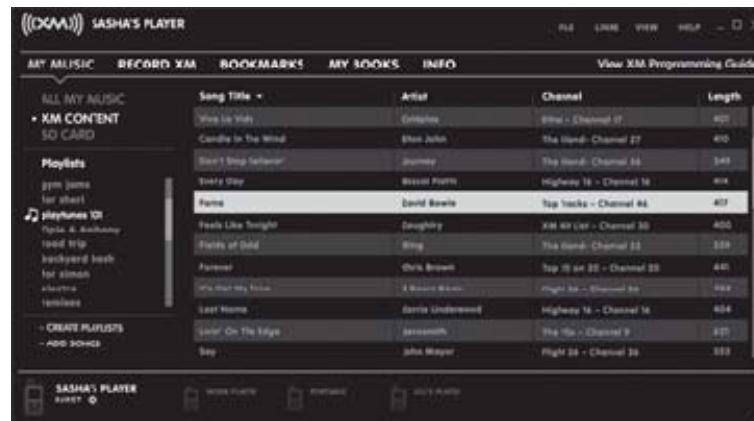
		<p>keyboard that allows you to spell the name of the playlist." <i>(XMp3 User Guide, pages: 37)</i></p> <p>The XMp3 supports a plurality of program segment types. Program segments are, for example, songs.</p> <p>"Music File Formats MP3 and WMA fixed bitrates: 32, 48, 64, 96, 128, 160, 192, 256,320 kbps MP3 and WMA variable bitrates: 64-128, 128-256, 160-320 kbps" <i>(XMp3 User Guide, pages: 69)</i></p> <p>The digital compressed audio program files are separate from the sequencing file.</p>
1.b	<p>a digital memory unit coupled to said communications port for persistently storing said separate digital compressed audio program files and said separate sequencing file, said sequencing file containing data specifying an ordered sequence of a collection of said separate digital compressed audio program files,</p>	<p>The XMp3 has a digital memory unit coupled to the communications port for persistently storing said separate digital compressed audio program files and said separate sequencing file, said sequencing file containing data specifying an ordered sequence of a collection of said separate digital compressed audio program files.</p> <p>The digital memory unit in the XMp3 is an internal memory and a flash memory microSD card</p> <p><b>"Storage Capacity</b> Internal: 2GB Removable memory: Type: microSD™ Card Size: up to 8 GB" <i>(XMp3 User Guide, pages: 69)</i></p> <p>"You can create one or more custom lists, called playlists. A playlist is simply a collection of recorded tracks that play in a certain order. Create a "morning commute" playlist, a "workout" playlist, a "best of" playlist, and more. And yes, the same song can appear on more than one playlist.</p>

1. While listening to recorded XM or MP3/WMA files, select options → Add to Playlist.
2. Choose to add the song to an existing playlist or to a new playlist. To create a new playlist, select New Playlist. You will see an alphabetic keyboard that allows you to spell the name of the playlist."

*(XMp3 User Guide, pages: 37)*

The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the XMp3 is the playlist file. The specific format of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).

"The XM2go Music Manager helps you organize recorded XM content and your MP3s.



- View your XM recordings, including the artist name, song title, the

channel it was recorded from and song length.

- View your personal music (MP3s and WMA files) collection, including the artist name, song title, album and song length.
- View, create and modify playlists and add songs.
- View XM's Online Programming Guide to see what's playing on XM."

*(XMp3 User Guide, pages: 46)*

### **"Listening to Recorded Content**


Recorded XM, MP3 and WMA files, audiobooks — they're all in one place.

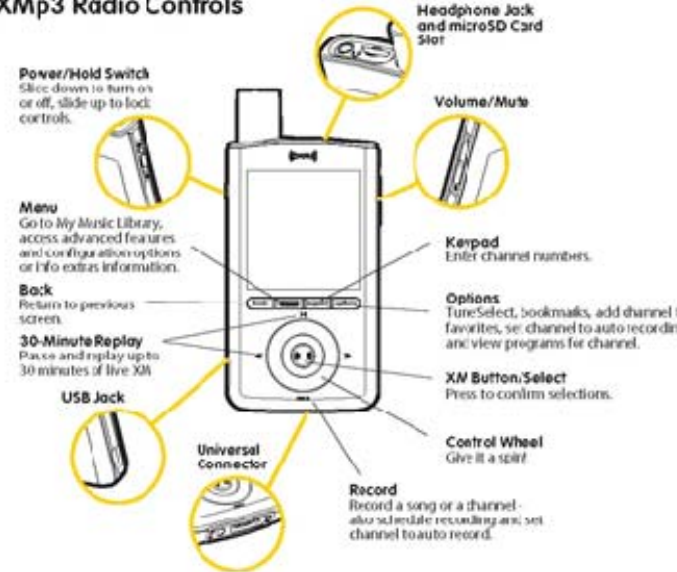
1. Select menu → My Music Library.
2. Choose Recorded XM, MP3s and WMAs, or My Books.
3. If you choose Recorded XM, you'll see this screen:



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*(XMp3 User Guide, pages: 34)*

1.c	<p>an audio output unit including at least one speaker or headset for reproducing said audio program files in audible form perceptible to a listener,</p>	<p>The XMp3 includes an audio output unit including at least one speaker or headset for reproducing said audio program files in audible form perceptible to the listener.</p> <p>This audio output unit is earbuds provided with the XMp3 which plug into an interface with the 1/8" (3.5mm) audio jack on the XMp3 (labeled "Headphone Jack")</p> <p>"Audio Output 3.5 mm mini-stereo jack" (<i>XMp3 User Guide, pages: 69</i>)</p>  <p>Earbuds (<i>XMp3 User Guide, pages: 12</i>)</p> <p>Sirius also contributorily infringes this claim element when the device is used with any output means, including but not limited to headphones or speakers, not sold with the XMp3 or by Sirius.</p>
1.d	<p>one or more manual controls for accepting commands from said listener, and</p>	<p>The XMp3 has one or more manual controls for accepting commands from the listener in the form of control wheel and buttons.</p> <p>XMP3 Controls</p>

		<div> <h2 style="background-color: black; color: white; padding: 5px;">Introduction</h2> <h3 style="margin-top: 10px;">XMp3 Radio Controls</h3>  <p><b>Power/Hold Switch</b> Slide down to turn on or off, slide up to lock controls.</p> <p><b>Menu</b> Go to My Music Library, access advanced features and configuration options or info extras information.</p> <p><b>Back</b> Return to previous screen.</p> <p><b>30-Minute Replay</b> Pause and replay up to 30 minutes of live XM.</p> <p><b>USB Jack</b></p> <p><b>Universal Connector</b></p> <p><b>Headphone Jack and microSD Card Slot</b></p> <p><b>Volume/Mute</b></p> <p><b>Keypad</b> Enter channel numbers.</p> <p><b>Options</b> TuneSelect, bookmarks, add channel to favorites, set channel to auto recording, and view programs for channel.</p> <p><b>XM Button/Select</b> Press to confirm selections.</p> <p><b>Control Wheel</b> Give it a spin!</p> <p><b>Record</b> Record a song or a channel - also schedule recording and set channel to auto record.</p> <p style="text-align: center; background-color: black; color: white; padding: 2px;">14</p> </div> <p><i>(XMp3 User Guide, pages: 14)</i></p>
1.e	<p>a processor for continuously delivering a succession of said audio program files in said collection to said audio output unit in said ordered sequence specified by said sequencing file in the absence of a program selection command from said listener, and for discontinuing the reproduction of the currently playing audio program file and instead continuing the reproduction at the</p>	<p>The XMp3 contains one or more processors for continuously delivering a succession of said audio program files in said collection to said audio output unit in said ordered sequence specified by said sequencing file in the absence of a program selection command from said listener, and for discontinuing the reproduction of the currently playing audio program file and instead continuing the reproduction at the beginning of a listener-selected one of said audio program files in said collection in response to a program selection command from said listener.</p>



<p>beginning of a listener-selected one of said audio program files in said collection in response to a program selection command from said listener.</p>	<p>The identity of the processor or processors in the XMp3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p> <p>Once a listener has started reproducing a playlist, it continuously delivers a succession of audio files in the collection to the headphones (or speaker if applicable) in the order specified by the playlist in the absence of commands from the listener. During the reproduction of a playlist to the listener, if the listener issues a program selection command, then the XMp3 will discontinue reproducing the current playing audio program file and instead continue the reproduction at the beginning the audio program file selected by the listener.</p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the XMp3 is the playlist file. The specific format of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>The XMp3 can be set to play songs in order.</p> <p>"You can create one or more custom lists, called playlists. A playlist is simply a collection of recorded tracks that play in a certain order. Create a "morning commute" playlist, a "workout" playlist, a "best of" playlist, and more. And yes, the same song can appear on more than one playlist.</p> <ol style="list-style-type: none"> <li>1. While listening to recorded XM or MP3/WMA files, select options → Add to Playlist.</li> <li>2. Choose to add the song to an existing playlist or to a new playlist. To create a new playlist, select New Playlist. You will see an alphabetic keyboard that allows you to spell the name of the playlist."</li> </ol> <p><i>(XMp3 User Guide, pages: 37)</i></p>
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		<p><b>"Listening to Recorded Content</b></p> <p>Recorded XM, MP3 and WMA files, audiobooks — they're all in one place.</p> <ol style="list-style-type: none"> <li>1. Select menu → My Music Library.</li> <li>2. Choose Recorded XM, MP3s and WMAs, or My Books.</li> <li>3. If you choose Recorded XM, you'll see this screen:</li> </ol>  <p>"</p> <p><i>(XMp3 User Guide, pages: 34)</i></p>
2	The audio program player as set forth in claim 1 further comprising	Every claim limitation of claim 1 is present in the XMp3 as described above.
2.a	a display screen for displaying a scrollable listing describing each of said separate	The XMp3 has a display screen for displaying a scrollable listing describing each of said separate digital compressed audio program files in said collection

digital compressed audio program files in said collection displayed in said ordered sequence specified by said sequencing file

displayed in said ordered sequence specified by said sequencing file.

The XMP3's display screen is an LCD screen. The display screen displays a scrollable listing for each separate file in said ordered sequence file (playlist).

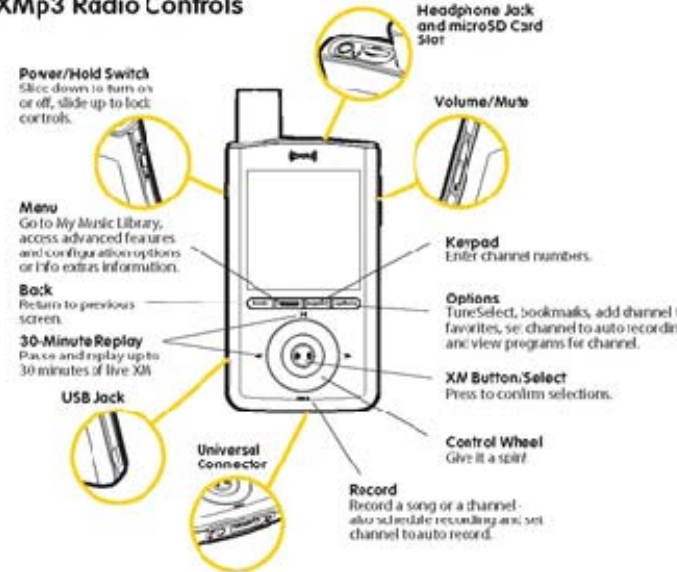
"Turning the wheel highlights different icons or moves up or down a list" (*XMP3 User Guide, pages: 15*)

### Display



(*XMP3 User Guide, pages: 15*)

XMP3 Controls

		<div> <h2 style="background-color: black; color: white; padding: 5px;">Introduction</h2> <h3 style="margin-top: 10px;">XMp3 Radio Controls</h3>  <p><b>Power/Hold Switch</b> Slide down to turn on or off, slide up to lock controls.</p> <p><b>Menu</b> Go to My Music Library, access advanced features and configuration options or info extras information.</p> <p><b>Back</b> Return to previous screen.</p> <p><b>30-Minute Replay</b> Pause and replay up to 30 minutes of live XM.</p> <p><b>USB Jack</b></p> <p><b>Universal Connector</b></p> <p><b>Headphone Jack and microSD Card Slot</b></p> <p><b>Volume/Mute</b></p> <p><b>Keypad</b> Enter channel numbers.</p> <p><b>Options</b> TuneSelect, bookmarks, add channel to favorites, set channel to auto recording, and view programs for channel.</p> <p><b>XM Button/Select</b> Press to confirm selections.</p> <p><b>Control Wheel</b> Give it a spin!</p> <p><b>Record</b> Record a song or a channel - also schedule recording and set channel to auto record.</p> <p style="text-align: center; background-color: black; color: white; padding: 2px;">14</p> </div> <p><i>(XMp3 User Guide, pages: 14)</i></p>
2.b	<p>wherein said listener-selected audio program file is chosen by said listener by employing one or more of said manual controls to accept a program selection command from said listener to select one of said audio program files described on said scrollable listing for immediate reproduction by said audio output unit.</p>	<p>The XMp3 allows the listener to select said audio program file by employing one or more of said manual controls to accept a program selection command from said listener to select one of said audio program files described on said scrollable listing for immediate reproduction by said audio output unit.</p> <p>Once the selection has been made, the XMp3 begins reproducing the audio file.</p> <p>"As you listen to recorded music or audiobooks, try pressing options. Depending on the type of content, you will find options to add the songs or artist to your</p>

TuneSelect list (XM content only), repeat songs, shuffle songs, add them to playlists, or see more information about the track (if available)." (*XMp3 User Guide, pages: 35*)

"Turn the wheel to see a list of songs that you missed, from newest to oldest. Press the << or >> buttons to skip to the previous or next song in the list. You can also press and hold the << or >> buttons to rewind or fast-forward through individual songs." (*XMp3 User Guide, pages: 31*)

### **"Listening to Recorded Content**

Recorded XM, MP3 and WMA files, audiobooks — they're all in one place.

1. Select menu → My Music Library.
2. Choose Recorded XM, MP3s and WMAs, or My Books.
3. If you choose Recorded XM, you'll see this screen:



"

		<i>(XMp3 User Guide, pages: 34)</i>
3	The audio program player as set forth in claim 2	Every claim limitation of claim 2 is present in the XMp3 as described above.
3.a	wherein said display screen provides a visible indication of said currently playing audio program file in the collection of programs specified by said sequencing file and described on said scrollable listing.	<p>The display screen on the XMp3 provides a visual indication of the currently playing audio program file in the collection of programs specified by said sequencing file and described on said scrollable listing.</p> <p>When a song is playing, the XMp3 displays song information, including song title and artist name.</p> <p>XMP3 Display</p> <p><b>Display</b></p> <p>Indicates that you are listening to live or recorded content</p> <p>Battery Level</p> <p>Antenna Strength</p> <p>Channel Name</p> <p>Live KM</p> <p>12:00</p> <p>the 80s</p> <p>8</p> <p>Aerosmith</p> <p>Livin' on the Edge</p> <p>Indicates that the power switch is set in the "hold" position</p> <p>Channel Number</p> <p>Artist Name</p> <p>Song Title</p> <p><i>(XMp3 User Guide, pages: 15)</i></p>
4	The audio program player as set forth in claim 3	Every claim limitation of claim 3 is present in the XMp3 as described above.
4.a	wherein said processor responds to a skip forward program selection command accepted from said listener by	The XMp3 contains one or more processors that respond to a skip forward program selection command accepted from said listener by discontinuing the reproduction of said currently playing audio program file and instead continuing

	<p>discontinuing the reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of that audio program file which follows said currently audio program file in said ordered sequence specified by said sequencing file.</p>	<p>the reproduction at the beginning of that audio program file which follows said currently audio program file in said ordered sequence specified by said sequencing file.</p> <p>The identity of the processor or processors in the XMp3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p> <p>Once a listener enters the command to skip to the next file in the playlist by pressing the "&gt;&gt;" button, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the file next in the sequence specified by the playlist file.</p> <p>XMP3 Controls</p>
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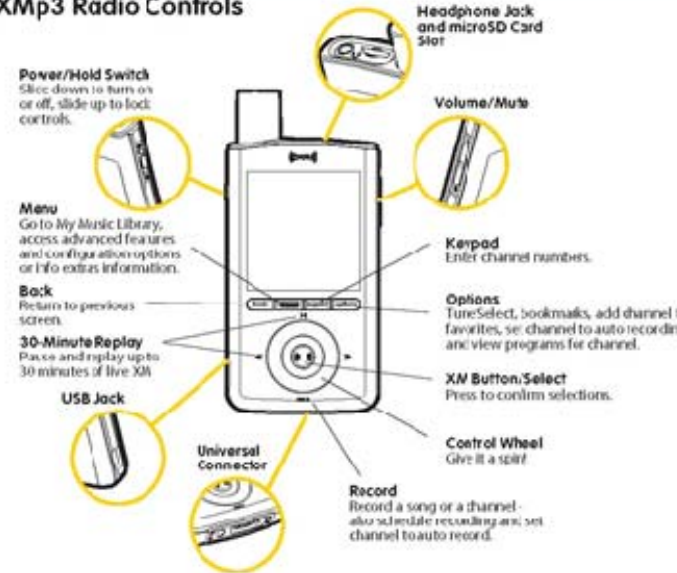
		<div style="background-color: black; color: white; padding: 5px; text-align: center;"><b>Introduction</b></div> <div style="text-align: center; margin-top: 10px;"> <p><b>XMp3 Radio Controls</b></p> <p><b>Power/Hold Switch</b> Slide down to turn on or off, slide up to lock controls.</p> <p><b>Menu</b> Go to My Music Library, access advanced features and configuration options or info extras information.</p> <p><b>Back</b> Return to previous screen.</p> <p><b>30-Minute Replay</b> Pause and replay up to 30 minutes of live XM.</p> <p><b>USB Jack</b></p> <p><b>Universal Connector</b></p> <p><b>Headphone Jack and microSD Card Slot</b></p> <p><b>Volume/Mute</b></p> <p><b>Keypad</b> Enter channel numbers.</p> <p><b>Options</b> TuneSelect, bookmarks, add channel to favorites, set channel to auto recording, and view programs for channel.</p> <p><b>XM Button/Select</b> Press to confirm selections.</p> <p><b>Control Wheel</b> Give it a spin!</p> <p><b>Record</b> Record a song or a channel - also schedule recording and set channel to auto record.</p> </div> <div style="background-color: black; color: white; padding: 5px; text-align: center; margin-top: 10px;">14</div> <p><i>(XMp3 User Guide, pages: 14)</i></p> <p>"Turn the wheel to see a list of songs that you missed, from newest to oldest. Press the &lt;&lt; or &gt;&gt; buttons to skip to the previous or next song in the list. You can also press and hold the &lt;&lt; or &gt;&gt; buttons to rewind or fast-forward through individual songs." <i>(XMp3 User Guide, pages: 31)</i></p>
5	The audio program player as set forth in claim 4	Every claim limitation of claim 4 is present in the XMp3 as described above.
5.a	wherein said processor responds to a skip backward program selection command	The XMp3 contains one or more processors that respond to a skip backward program selection command accepted from said listener at a time when said



	<p>accepted from said listener at a time when said currently playing audio program file has played for at least a predetermined amount of time by discontinuing the reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of said currently playing audio program file.</p>	<p>currently playing audio program file has played for at least a predetermined amount of time by discontinuing the reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of said currently playing audio program file.</p> <p>The identity of the processor or processors in the XMp3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p> <p>Once a listener enters the command to skip backward by pressing the "&lt;&lt;" button after a predetermined amount of time, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the same audio file that was playing at the time the button was pressed.</p> <p>XMP3 Controls</p>
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		<div> <p><b>Introduction</b></p> <p><b>XMp3 Radio Controls</b></p> <ul style="list-style-type: none"> <li><b>Power/Hold Switch</b>: Slide down to turn on or off, slide up to lock controls.</li> <li><b>Menu</b>: Go to My Music Library, access advanced features and configuration options or info extras information.</li> <li><b>Back</b>: Return to previous screen.</li> <li><b>30-Minute Replay</b>: Pause and replay up to 30 minutes of live XM.</li> <li><b>USB Jack</b></li> <li><b>Universal Connector</b></li> <li><b>Headphone Jack and microSD Card Slot</b></li> <li><b>Volume/Mute</b></li> <li><b>Keypad</b>: Enter channel numbers.</li> <li><b>Options</b>: TuneSelect, bookmarks, add channel to favorites, set channel to auto recording, and view programs for channel.</li> <li><b>XM Button/Select</b>: Press to confirm selections.</li> <li><b>Control Wheel</b>: Give it a spin!</li> <li><b>Record</b>: Record a song or a channel - also schedule recording and set channel to auto record.</li> </ul> <p>14</p> </div> <p><i>(XMp3 User Guide, pages: 14)</i></p> <p>"To repeat the song you just heard or the song you are currently listening to press &lt;&lt; If More than 5 seconds into the next song press &lt;&lt; twice" <i>(XMp3 User Guide, pages: 31)</i></p>
6	The audio program player as set forth in claim 5	Every claim limitation of claim 5 is present in the XMp3 as described above.
6.a	wherein said processor responds to a skip backward program selection command accepted from said listener at a time when	The XMp3 contains one or more processors that respond to a skip backward program selection command accepted from said listener at a time when said currently playing audio program file has not yet played for said predetermined

	<p>said currently playing audio program file has not yet played for said predetermined amount of time for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which precedes the currently playing program segment in said ordered sequence specified by said sequencing file.</p>	<p>amount of time for discontinuing the reproduction of the currently playing program segment and instead continuing the reproduction at the beginning of a program segment which precedes the currently playing program segment in said ordered sequence specified by said sequencing file.</p> <p>The identity of the processor or processors in the XMp3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p> <p>Once a listener enters the command to skip backward by pressing the "&lt;&lt;" button before a predetermined amount of time has passed, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the audio file that comes before it in the playlist sequence.</p> <p>The predetermined amount of time on the XMp3 is approximately 5 seconds. If after the predetermined amount of time has passed the listener presses the "&lt;&lt;" button twice it will go to the previous track. The first press of the button causes the XMp3 to go back to the beginning of the current audio program file (as described in Claim 5) and the second press of the button, occurring before the predetermined amount of time elapses, causes the XMp3 to continue reproduction at the beginning of the audio program file preceding the current file in the sequence.</p> <p>XMP3 Controls</p>
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		<div> <h2 style="background-color: black; color: white; padding: 5px;">Introduction</h2> <h3 style="margin-top: 10px;">XMp3 Radio Controls</h3>  <p><b>Power/Hold Switch</b> Slide down to turn on or off, slide up to lock controls.</p> <p><b>Menu</b> Go to My Music Library, access advanced features and configuration options or info extras information.</p> <p><b>Back</b> Return to previous screen.</p> <p><b>30-Minute Replay</b> Pause and replay up to 30 minutes of live XM.</p> <p><b>USB Jack</b></p> <p><b>Universal Connector</b></p> <p><b>Headphone Jack and microSD Card Slot</b></p> <p><b>Volume/Mute</b></p> <p><b>Keypad</b> Enter channel numbers.</p> <p><b>Options</b> TuneSelect, bookmarks, add channel to favorites, set channel to auto recording, and view programs for channel.</p> <p><b>XM Button/Select</b> Press to confirm selections.</p> <p><b>Control Wheel</b> Give it a spin!</p> <p><b>Record</b> Record a song or a channel - also schedule recording and set channel to auto record.</p> <p style="text-align: center;"><b>14</b></p> </div> <p><i>(XMp3 User Guide, pages: 14)</i></p> <p>"To repeat the song you just heard or the song you are currently listening to press &lt;&lt; If More than 5 seconds into the next song press &lt;&lt; twice" <i>(XMp3 User Guide, pages: 31)</i></p>
7	The audio program player as set forth in claim 6	Every claim limitation of claim 6 is present in the XMp3 as described above.
7.a	wherein said processor responds to a skip forward program selection command when playing the last audio program file in said	The XMp3 contains one or more processors that respond to a skip forward program selection command when playing the last audio program file in said ordered sequence specified by said sequencing file by continuing reproduction at

ordered sequence specified by said sequencing file by continuing reproduction at the beginning of the first audio program file in said sequence, and responds to a skip backward program selection command accepted at a time when said first audio program file is playing but said first audio program file has not yet [sic] played for said predetermined amount of time by continuing reproduction at the beginning of the last audio program in said sequence whereby the reproduction of the audio program files specified by said sequencing file can be skipped from beginning to beginning in both the forward or backward direction in a bidirectional endless loop.


the beginning of the first audio program file in said sequence, and responds to a skip backward program selection command accepted at a time when said first audio program file is playing but said first audio program file has not yet played for said predetermined amount of time by continuing reproduction at the beginning of the last audio program in said sequence whereby the reproduction of the audio program files specified by said sequencing file can be skipped from beginning to beginning in both the forward or backward direction in a bidirectional endless loop.


The identity of the processor or processors in the XMp3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.

With the XMp3 in "Repeat Mode", when a listener enters the command to skip forward by pressing the ">>" fast-forward button, when the last program segment in a playlist is playing, the XMp3 will discontinue reproduction of the current audio file and continue reproduction at the beginning of the first program segment in the sequence specified by the playlist. Similarly, once a listener enters the command to skip backward by pressing the "<<" (rewind) button, when the first program segment in a playlist has been playing for less than the predetermined amount of time, the XMp3 will discontinue reproduction of the current audio file and continue reproduction at the beginning of the last program segment in the sequence specified by the playlist. This forms an endless bidirectional loop that allows the listener to navigate through the playlist by using the ">>" (fast-forward) and "<<" (rewind) buttons.



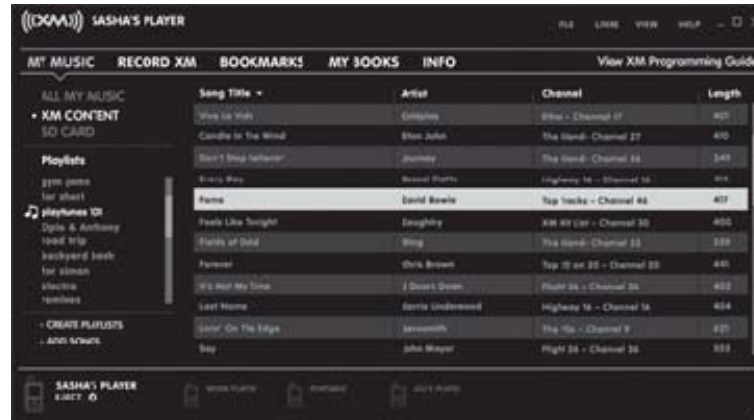
*(XMp3 User Guide, pages: 16)*

8	The audio program player as set forth in claim 7	Every claim limitation of claim 7 is present in the XMp3 as described above.
8.a	<p>wherein each of said separate digital compressed audio program files stored in said digital memory unit is designated by a unique program identifier, wherein said sequencing file specifies the program identifier of each of the audio program files in said collection, and wherein said digital memory unit further stores program description data comprising a plurality of program description records stored separately from said audio program files each of which:</p>	<p>Each digital compressed audio program file stored in the XMp3's digital memory unit is designated by a unique program identifier, wherein the sequencing file specifies the program identifier of each of the audio program files in the collection, and wherein the digital memory unit further stores program description data comprising a plurality of program description records stored separately from the audio program files.</p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the XMp3 is the playlist file. The specific format and contents of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>On information and belief, each of the audio program files stored in the memory unit is designated by a unique program identifier and the playlist file specifies the unique program identifiers for the audio program files stored therein.</p> <p>The digital memory unit in the XMp3 is an internal memory and a flash memory microSD card</p> <p><b>"Storage Capacity</b>  Internal: 2GB  Removable memory: Type: microSD™ Card Size: up to 8 GB"  <i>(XMp3 User Guide, pages: 69)</i></p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">  MP3 or WMA song loaded onto the microSD card </div>

		<i>(XMp3 User Guide, pages: 16)</i>
8.b	(a) describes a given one of said separate digital compressed audio program files stored in said digital memory unit, (b) contains or is designated by the unique program identifier designating said given one of said audio program files, (c) specifies text displayable on said display screen describing said given one of said separate digital compressed audio program files, and (d) specifies the storage location of said given one of said separate digital compressed audio program files.	<p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the XMp3 is the playlist file. The specific format of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>On information and belief, the XMp3 stores a wide range of program description data that describes the audio files.</p> <p>Sample descriptive data is shown in the display screen below.</p>  <p><i>(XMp3 User Guide, pages: 31)</i></p>
9	The audio program player as set forth in claim 1	Every claim limitation of claim 1 is present in the XMp3 as described above.

<p>9.a</p>	<p>wherein each audio program file in said collection specified by said sequencing file is selected in accordance with program preference data or program selections accepted from said listener to define a playback session that is personalized to the preferences of said listener.</p>	<p>The XMp3 contains an audio program file in said collection specified by said sequencing file that is selected in accordance with program preference data or program selections accepted from said listener to define a playback session that is personalized to the preferences of said listener.</p> <p>The XMp3 is designed and configured to contain playlists and audio program files that are generated in multiple different ways. The playlist and the specified audio files are downloaded to the XMp3 in accordance with the claim limitations described above. Sirius provides instructions for a listener to create playlists.</p> <p>"You can create one or more custom lists, called playlists. A playlist is simply a collection of recorded tracks that play in a certain order. Create a "morning commute" playlist, a "workout" playlist, a "best of" playlist, and more. And yes, the same song can appear on more than one playlist.</p> <ol style="list-style-type: none"> <li>3. While listening to recorded XM or MP3/WMA files, select options → Add to Playlist.</li> <li>4. Choose to add the song to an existing playlist or to a new playlist. To create a new playlist, select New Playlist. You will see an alphabetic keyboard that allows you to spell the name of the playlist."</li> </ol> <p><i>(XMp3 User Guide, pages: 37)</i></p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the XMp3 is the playlist file. The specific format of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>"The XM2go Music Manager helps you organize recorded XM content and your MP3s.</p>
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- View your XM recordings, including the artist name, song title, the channel it was recorded from and song length.
- View your personal music (MP3s and WMA files) collection, including the artist name, song title, album and song length.
- View, create and modify playlists and add songs.
- View XM's Online Programming Guide to see what's playing on XM."

*(XMp3 User Guide, pages: 46)*

The digital memory unit in the XMp3 is an internal memory and a flash memory microSD card


**"Storage Capacity**

Internal: 2GB

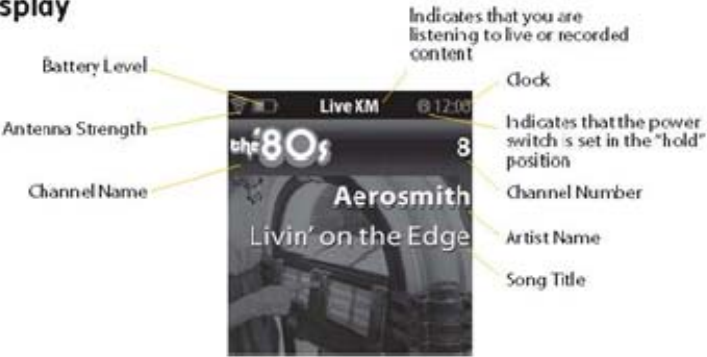
Removable memory: Type: microSD™ Card Size: up to 8 GB"

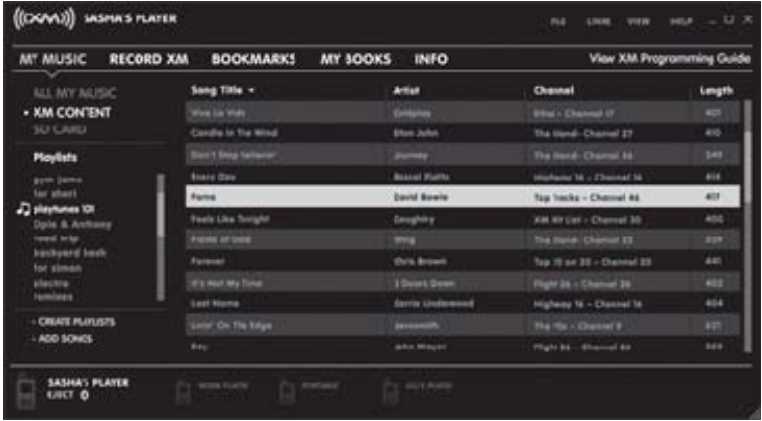
*(XMp3 User Guide, pages: 69)*

14	An audio program player for automatically	The XMp3 is an audio program player that automatically plays a collection of
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	<p>playing a collection of audio program files selected by a listener, said player comprising, in combination:</p>	<p>audio program files selected by a listener. Songs, audiobooks or portions of audiobooks, installments of podcasts, and audio portions of videos are examples of audio program files.</p> <ul style="list-style-type: none"> <li>• "Upload MP3 files, WMA tracks, and Audible.com books from your PC. Manage your collection and playlists with the XM2go Music Manager software.</li> <li>• Store MP3 or WMA files on a removable microSD memory card (sold separately)."</li> </ul> <p><i>(XMp3 User Guide, pages: 5)</i></p>  <p><b>XMp3 Radio</b> <i>(XMp3 User Guide, pages: 12)</i></p>
14.a	a memory unit for storing:	<p>The XMp3 has a memory unit for storing.</p> <p>The digital memory unit in the XMp3 is an internal memory and a flash memory</p>

		<p>microSD card</p> <p><b>"Storage Capacity</b>  Internal: 2GB  Removable memory: Type: microSD™ Card Size: up to 8 GB"  <i>(XMp3 User Guide, pages: 69)</i></p>
14.b	(a) a plurality of audio program files,	<p>The XMp3 has a memory unit that stores a plurality of audio program files.</p> <p>The XMp3 supports a plurality of program segment types. Program segments are, for example, songs.</p> <p>"Music File Formats  MP3 and WMA fixed bitrates: 32, 48, 64, 96, 128, 160, 192, 256,320 kbps  MP3 and WMA variable bitrates: 64-128, 128-256, 160-320 kbps" <i>(XMp3 User Guide, pages: 69)</i></p>
14.c	(b) program description data including displayable text describing each of said audio program files, and	<p>The XMp3 has a memory unit for storing program description data including displayable text describing each of the audio program files.</p> <p>On information and belief, the XMp3 stores information about each separate digital audio file.</p> <p>Text describing the program files is displayed on the screen and includes, but is not limited to, the artist and song name. This text is program description data stored on the memory unit.</p> <p>XMP3 Display</p>

		<p><b>Display</b></p>  <p>(XMp3 User Guide, pages: 15)</p>
14.d	(c) at least one separately stored playback session sequencing file which specifies an ordered sequence of a collection of said plurality of audio program files,	<p>The XMp3 separately stores at least one playback session sequencing file which specifies an ordered sequence of a collection of the plurality of audio program files.</p> <p>The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the XMp3 is the playlist file. The specific format and contents of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).</p> <p>"You can create one or more custom lists, called playlists. A playlist is simply a collection of recorded tracks that play in a certain order. Create a "morning commute" playlist, a "workout" playlist, a "best of" playlist, and more. And yes, the same song can appear on more than one playlist.</p> <ol style="list-style-type: none"> <li>1. While listening to recorded XM or MP3/WMA files, select options → Add to Playlist.</li> <li>2. Choose to add the song to an existing playlist or to a new playlist. To create a new playlist, select New Playlist. You will see an alphabetic</li> </ol>

		<p>keyboard that allows you to spell the name of the playlist."</p> <p><i>(XMp3 User Guide, pages: 37)</i></p> <p>"The XM2go Music Manager helps you organize recorded XM content and your MP3s.</p>  <p>The screenshot shows the XM2go Music Manager interface. At the top, there are menu options: MY MUSIC, RECORD XM, BOOKMARKS, MY BOOKS, and INFO. Below these is a table of recorded XM content. The table has columns for Song Title, Artist, Channel, and Length. The first row is 'This Is What' by Enrique on '98.7 - Channel 27' with a length of 4:01. Other rows include 'Candle In The Wind' by Elton John, 'Don't Stop Believin'' by Journey, 'Hotel California' by Eagles, 'Feels Like Tonight' by Daughtry, 'I Don't Wanna' by The Roots, 'Forever' by The Roots, 'It's Not My Time' by I Don't Know, 'Last Home' by Santa Underwood, 'Walk On The Edge' by Aerosmith, and 'Key' by John Mayer.</p> <ul style="list-style-type: none"> <li>• View your XM recordings, including the artist name, song title, the channel it was recorded from and song length.</li> <li>• View your personal music (MP3s and WMA files) collection, including the artist name, song title, album and song length.</li> <li>• View, create and modify playlists and add songs.</li> <li>• View XM's Online Programming Guide to see what's playing on XM."</li> </ul> <p><i>(XMp3 User Guide, pages: 46)</i></p>
14.e	a communications port for downloading at least some of said audio program files and said playback session sequencing file from	The XMp3 has a communications port for downloading at least some of the audio program files and the playback session sequencing file from the one or more server computers, at least some of the audio program files downloaded from the

said one or more server computers, at least some of said audio program files downloaded from said one or more server computers being selected by said listener from a library of audio program files available from said one or more server computers, and

one or more server computers being selected by the listener from a library of audio program files available from the one or more server computers.

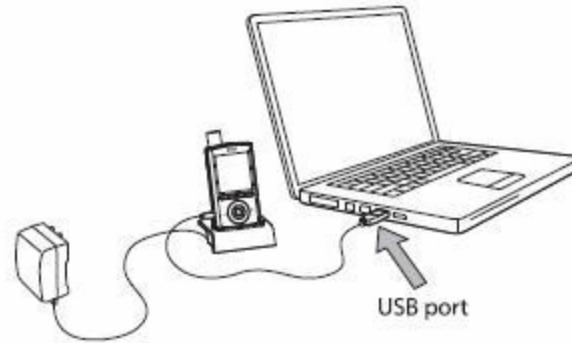
The communications port is the " Universal Connector" in the XMp3.

### XMP3 Controls



(XMP3 User Guide, pages: 14)

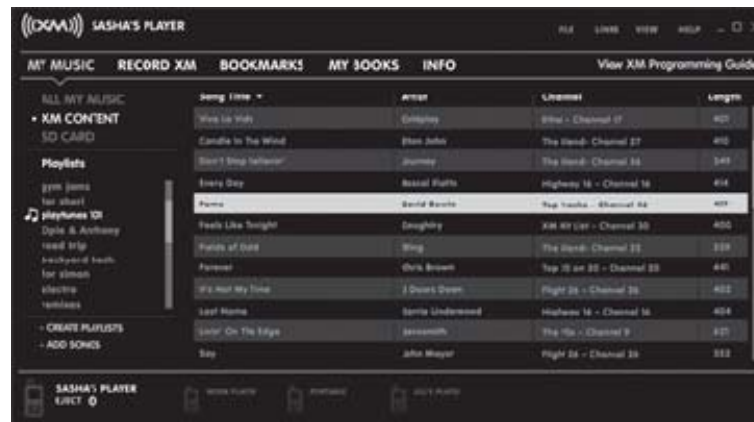
### XMP3 Connection to PC



(XMp3 User Guide, pages: 45)

The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the XMp3 is the playlist file. The specific format of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).

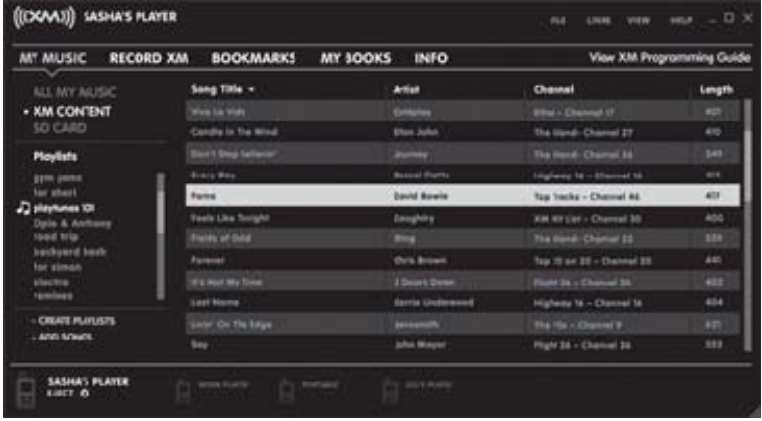
"The XM2go Music Manager helps you organize recorded XM content and your MP3s.

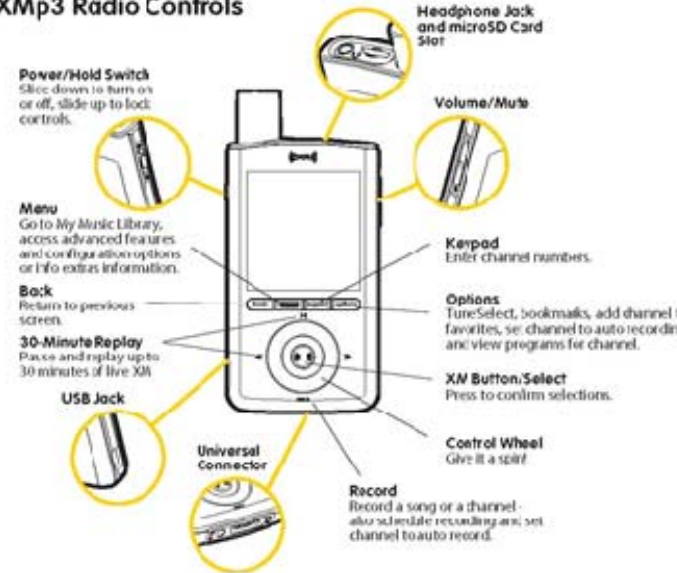



		<ul style="list-style-type: none"> <li>• View your XM recordings, including the artist name, song title, the channel it was recorded from and song length.</li> <li>• View your personal music (MP3s and WMA files) collection, including the artist name, song title, album and song length.</li> <li>• View, create and modify playlists and add songs.</li> <li>• View XM's Online Programming Guide to see what's playing on XM."</li> </ul> <p><i>(XMp3 User Guide, pages: 46)</i></p> <p>"You can create one or more custom lists, called playlists. A playlist is simply a collection of recorded tracks that play in a certain order. Create a "morning commute" playlist, a "workout" playlist, a "best of" playlist, and more. And yes, the same song can appear on more than one playlist.</p> <ol style="list-style-type: none"> <li>1. While listening to recorded XM or MP3/WMA files, select options → Add to Playlist.</li> <li>2. Choose to add the song to an existing playlist or to a new playlist. To create a new playlist, select New Playlist. You will see an alphabetic keyboard that allows you to spell the name of the playlist."</li> </ol> <p><i>(XMp3 User Guide, pages: 37)</i></p> <p>When the XMp3 downloads files, at least some of the audio files are selected by the listener from a library of audio program files available from one or more server computer. For example, the playlists may be created by the listener on the server computer.</p>
14.f	said audio program files in said collection specified by said playback session	In the XMp3, the audio program files in the collection specified by the playback session sequencing file are selected by or on behalf of the listener to produce a

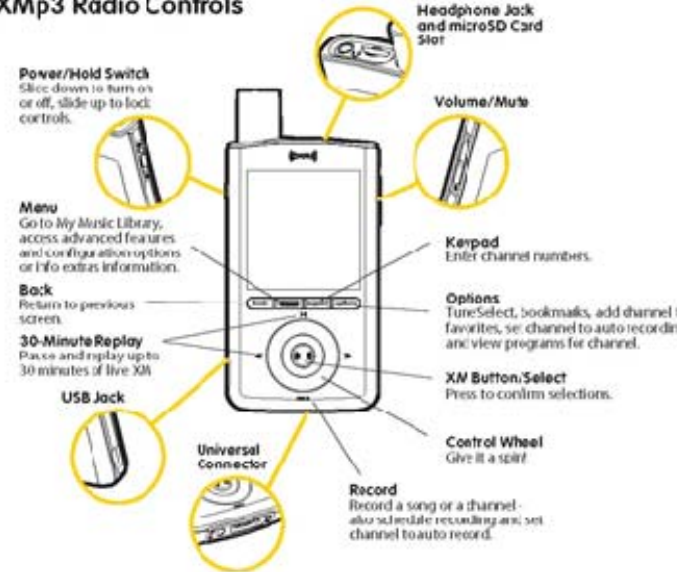



	<p>sequencing file being selected by or on behalf of said listener to produce a personalized playback session,</p>	<p>personalized playback session.</p> <p>The XMp3 is designed and configured to contain playlists and audio program files that are generated in multiple different ways. The playlist and the specified audio files are downloaded to the XMp3 in accordance with the claim limitations described above. Sirius provides instructions for a listener to create playlists.</p> <p>"You can create one or more custom lists, called playlists. A playlist is simply a collection of recorded tracks that play in a certain order. Create a "morning commute" playlist, a "workout" playlist, a "best of" playlist, and more. And yes, the same song can appear on more than one playlist.</p> <ol style="list-style-type: none"><li>1. While listening to recorded XM or MP3/WMA files, select options → Add to Playlist.</li><li>2. Choose to add the song to an existing playlist or to a new playlist. To create a new playlist, select New Playlist. You will see an alphabetic keyboard that allows you to spell the name of the playlist."</li></ol> <p><i>(XMp3 User Guide, pages: 37)</i></p> <p>"The XM2go Music Manager helps you organize recorded XM content and your MP3s.</p>
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		 <ul style="list-style-type: none"> <li>• View your XM recordings, including the artist name, song title, the channel it was recorded from and song length.</li> <li>• View your personal music (MP3s and WMA files) collection, including the artist name, song title, album and song length.</li> <li>• View, create and modify playlists and add songs.</li> <li>• View XM's Online Programming Guide to see what's playing on XM."</li> </ul> <p><i>(XMP3 User Guide, pages: 46)</i></p>
14.g	one or more controls for accepting input commands from said listener,	<p>The XMP3 has one or more manual controls for accepting commands from the listener in the form control wheel and buttons.</p> <p>XMP3 Controls</p>

		<div> <h2 style="background-color: black; color: white; padding: 5px;">Introduction</h2> <h3 style="color: black;">XMp3 Radio Controls</h3>  <p><b>Power/Hold Switch</b> Slide down to turn on or off, slide up to lock controls.</p> <p><b>Menu</b> Go to My Music Library, access advanced features and configuration options or info extras information.</p> <p><b>Back</b> Return to previous screen.</p> <p><b>30-Minute Replay</b> Pause and replay up to 30 minutes of live XM.</p> <p><b>USB Jack</b></p> <p><b>Universal Connector</b></p> <p><b>Headphone Jack and microSD Card Slot</b></p> <p><b>Volume/Mute</b></p> <p><b>Keypad</b> Enter channel numbers.</p> <p><b>Options</b> TuneSelect, bookmarks, add channel to favorites, set channel to auto recording, and view programs for channel.</p> <p><b>XM Button&gt;Select</b> Press to confirm selections.</p> <p><b>Control Wheel</b> Give it a spin!</p> <p><b>Record</b> Record a song or a channel - also schedule recording and set channel to auto record.</p> <p style="text-align: center;"><b>14</b></p> </div> <p><i>(XMp3 User Guide, pages: 14)</i></p>
14.h	<p>a display screen for presenting a visual menu listing to said listener containing displayable text describing some or all of the audio program files in said collection specified by said sequencing file,</p>	<p>The XMp3 has a display screen in the form of an LCD screen with an LED backlight. The display screen displays a visual menu listing to the listener that contains text describing some or all of the audio files in the playlist.</p> <p>XMP3 Display</p>

		<p><b>Display</b></p>  <p>(<i>XMp3 User Guide, pages: 15</i>)</p> <p>XMP3 Controls</p>
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		<div> <h2 style="background-color: black; color: white; padding: 5px;">Introduction</h2> <h3 style="margin-top: 10px;">XMp3 Radio Controls</h3>  <p><b>Power/Hold Switch</b> Slide down to turn on or off, slide up to lock controls.</p> <p><b>Menu</b> Go to My Music Library, access advanced features and configuration options or info extras information.</p> <p><b>Back</b> Return to previous screen.</p> <p><b>30-Minute Replay</b> Pause and replay up to 30 minutes of live XM.</p> <p><b>USB Jack</b></p> <p><b>Universal Connector</b></p> <p><b>Headphone Jack and microSD Card Slot</b></p> <p><b>Volume/Mute</b></p> <p><b>Keypad</b> Enter channel numbers.</p> <p><b>Options</b> TuneSelect, bookmarks, add channel to favorites, set channel to auto recording, and view programs for channel.</p> <p><b>XM Button/Select</b> Press to confirm selections.</p> <p><b>Control Wheel</b> Give it a spin!</p> <p><b>Record</b> Record a song or a channel - also schedule recording and set channel to auto record.</p> <p style="text-align: center;"><b>14</b></p> </div> <p><i>(XMp3 User Guide, pages: 14)</i></p>
14.i	<p>an audio playback unit for automatically and continuously reproducing said audio program files in said collection in the ordered sequence specified by said playback session sequencing file in the absence of a control command from said listener, and</p>	<p>The XMp3 contains an audio playback unit for automatically and continuously reproducing audio program files in the ordered sequence specified in the playback session sequencing file in the absence of a control command from the listener.</p> <p>The identity of the audio playback unit or units in the XMp3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p> <p>Once a user has started listening to a playlist on the XMp3, the device</p>

		<p>automatically plays the song next in line in the playlist after the previous song ends. The XMp3 continuously reproduces the songs in the order established by the playlist without the need for the user to utilize a control command.</p> <p><b>"Listening to Recorded Content</b></p> <p>Recorded XM, MP3 and WMA files, audiobooks — they're all in one place.</p> <ol style="list-style-type: none"> <li>1. Select menu → My Music Library.</li> <li>2. Choose Recorded XM, MP3s and WMAs, or My Books.</li> <li>3. If you choose Recorded XM, you'll see this screen:</li> </ol>  <p style="text-align: center;">"</p> <p><i>(XMp3 User Guide, pages: 34)</i></p>
14.j	a processor for executing one or more utility programs to perform control	The XMp3 contains a processor for executing one or more utility programs to perform control functions in response to input commands from a user.

	<p>functions in response to said input commands from a user, said functions including:</p>	<p>The identity of the processor or processors in the XMp3 is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented.</p> <p>Once a user enters a command, the XMp3 responds with appropriate action as described below.</p>
14.k	<p>(a) in response to a first one of said input commands designating a selected audio program file described on said visual menu listing for causing said audio playback unit to discontinue the reproduction of the currently playing audio program file in said ordered sequence and to instead continue the reproduction at the beginning of said selected audio program file,</p>	<p>In response to a first input command designating a selected audio program file described on said visual menu listing, the XMp3 discontinues the reproduction of the currently playing audio program file in said ordered sequence and instead continues the reproduction at the beginning of said selected audio program file.</p> <p>Once a listener enters the command to play a song, the XMp3 discontinues playing the current audio program file and begins playing at the beginning of the selected audio program file.</p> <p>"The functions of the controls may change depending on what you're doing at the time. In general, remember that:</p> <ul style="list-style-type: none"> <li>• Turning the wheel highlights different icons or moves up or down a list. Press the XM button to select the highlighted item."</li> </ul> <p><i>(XMp3 User Guide, pages: 15)</i></p> <p>"As you listen to recorded music or audiobooks, try pressing options. Depending on the type of content, you will find options to add the songs or artist to your TuneSelect list (XM content only), repeat songs, shuffle songs, add them to playlists, or see more information about the track (if available)." <i>(XMp3 User Guide, pages: 35)</i></p>

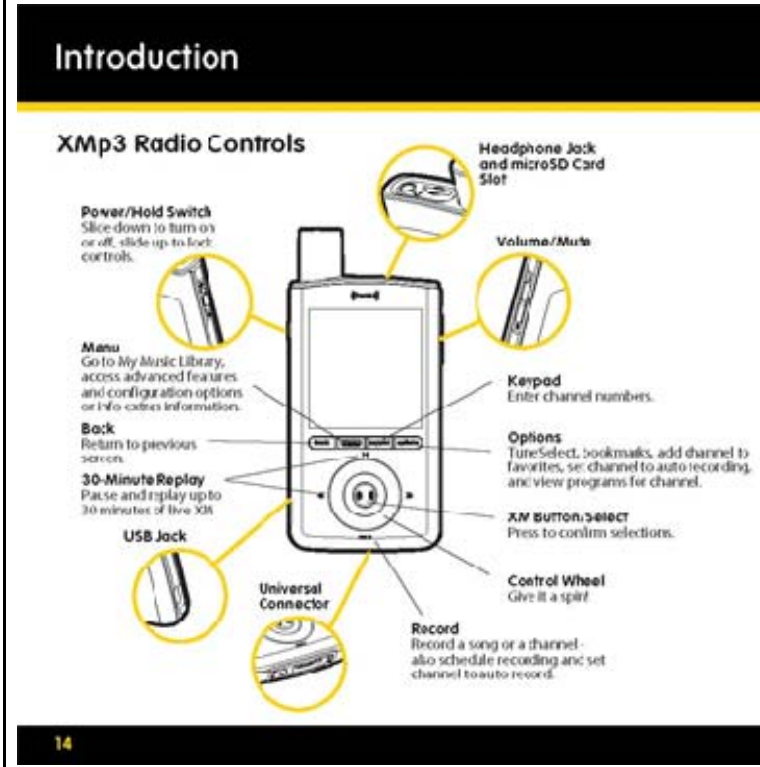
14.1

(b) in response to a second one of said control commands for discontinuing the reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of that audio program file which follows said currently playing audio program file in said ordered sequence specified by said playback session sequencing file,

In response to a second control command for discontinuing the reproduction of the currently playing audio program file, the XMp3 will instead continue the reproduction at the beginning of that audio program file which follows the currently playing audio program file in the ordered sequence specified by the playback session sequencing file.

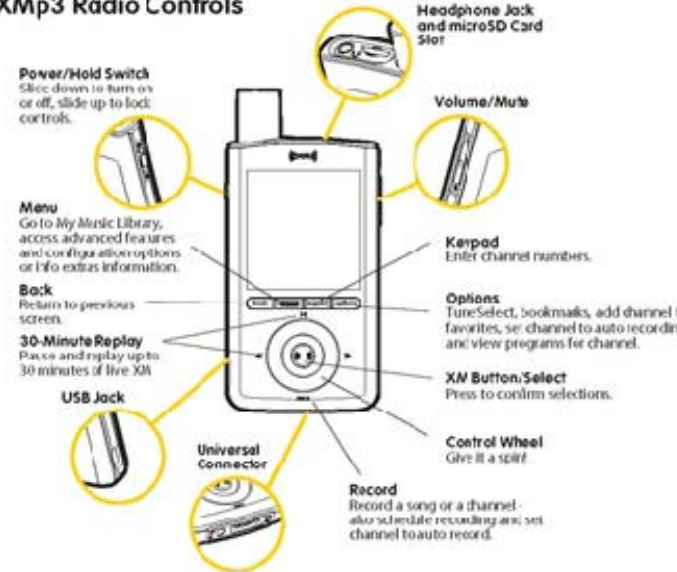
Once a listener enters the command to skip to the next file in the playlist by pressing the ">>>" button, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the file next in the sequence specified by the playlist file.

### XMP3 Controls





		<p><i>(XMp3 User Guide, pages: 14)</i></p> <p>"Turn the wheel to see a list of songs that you missed, from newest to oldest. Press the &lt;&lt; or &gt;&gt; buttons to skip to the previous or next song in the list. You can also press and hold the &lt;&lt; or &gt;&gt; buttons to rewind or fast-forward through individual songs." <i>(XMp3 User Guide, pages: 31)</i></p>
14.m	<p>(c) in response to a third one of said control commands accepted from said listener at a time when said currently playing audio program file has played for at least a predetermined amount of time by discontinuing the reproduction of said currently playing audio program file and instead continuing the reproduction at the beginning of said currently playing audio program file, and</p>	<p>In response to a third control command accepted from the listener at a time when the currently playing audio program file has played for at least a predetermined amount of time, the XMp3 discontinues the reproduction of the currently playing audio program file and instead continues the reproduction at the beginning of the currently playing audio program file.</p> <p>Once a listener enters the command to skip backward by pressing the "&lt;&lt;" button after a predetermined amount of time, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the same audio file that was playing at the time the button was pressed.</p> <p>XMP3 Controls</p>

		<div> <h2 style="background-color: black; color: white; padding: 5px;">Introduction</h2> <h3 style="color: black;">XMp3 Radio Controls</h3>  <p><b>Power/Hold Switch</b> Slide down to turn on or off, slide up to lock controls.</p> <p><b>Menu</b> Go to My Music Library, access advanced features and configuration options or info extras information.</p> <p><b>Back</b> Return to previous screen.</p> <p><b>30-Minute Replay</b> Pause and replay up to 30 minutes of live XM.</p> <p><b>USB Jack</b></p> <p><b>Universal Connector</b></p> <p><b>Headphone Jack and microSD Card Slot</b></p> <p><b>Volume/Mute</b></p> <p><b>Keypad</b> Enter channel numbers.</p> <p><b>Options</b> TuneSelect, bookmarks, add channel to favorites, set channel to auto recording, and view programs for channel.</p> <p><b>XM Button/Select</b> Press to confirm selections.</p> <p><b>Control Wheel</b> Give it a spin!</p> <p><b>Record</b> Record a song or a channel - also schedule recording and set channel to auto record.</p> <p style="text-align: center;"><b>14</b></p> </div> <p><i>(XMp3 User Guide, pages: 14)</i></p> <p>"Turn the wheel to see a list of songs that you missed, from newest to oldest. Press the &lt;&lt; or &gt;&gt; buttons to skip to the previous or next song in the list. You can also press and hold the &lt;&lt; or &gt;&gt; buttons to rewind or fast-forward through individual songs." <i>(XMp3 User Guide, pages: 31)</i></p>
14.n	(d) in response to said third one of said control commands accepted from said listener at a time when said currently playing audio program file has not yet	In response to a third control command accepted from the listener at a time when the currently playing audio program file has not yet played for a predetermined amount of time, the XMp3 discontinues the reproduction of the currently playing program file and instead continues the reproduction at the beginning of that audio

	<p>played for said predetermined amount of time for discontinuing the reproduction of the currently playing program file and instead continuing the reproduction at the beginning of that audio program file which precedes the currently playing program segment in said ordered sequence specified by said playback session sequencing file.</p>	<p>program file which precedes the currently playing program segment in the ordered sequence specified by said playback session sequencing file.</p> <p>Once a listener enters the command to skip backward by pressing the "&lt;&lt;" button before a predetermined amount of time has passed, the processor responds by discontinuing the reproduction of the current audio file and continues the reproduction at the beginning of the audio file that comes before it in the playlist sequence.</p> <p>The predetermined amount of time on the XMp3 is approximately 5 seconds. If after the predetermined amount of time has passed the listener presses the "&lt;&lt;" button twice it will go to the previous track. The first press of the button causes the XMp3 to go back to the beginning of the current audio program file (as described in Claim 5) and the second press of the button, occurring before the predetermined amount of time elapses, causes the XMp3 to continue reproduction at the beginning of the audio program file preceding the current file in the sequence.</p> <p>XMP3 Controls</p>
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## Introduction

### XMp3 Radio Controls





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*(XMp3 User Guide, pages: 14)*


"To repeat the song you just heard or the song you are currently listening to press << If More than 5 seconds into the next song press << twice" *(XMp3 User Guide, pages: 31)*

"Turn the wheel to see a list of songs that you missed, from newest to oldest. Press the << or >> buttons to skip to the previous or next song in the list. You can also press and hold the << or >> buttons to rewind or fast-forward through individual songs." *(XMp3 User Guide, pages: 31)*

15	The audio program player for automatically playing a collection of audio program files selected by a listener as set forth in claim 14	Every claim limitation of claim 14 is present in the XMp3 as described above.
15.a	wherein said display screen visually indicates the currently playing audio program file as playing progresses.	<p>The XMp3's display screen visually indicates the currently playing audio program file as playing progresses.</p> <p>The screen displays information related to the currently playing track, e.g. Artist Name and Track Name.</p> <p>XMP3 Display</p> <p><b>Display</b></p>  <p>The screenshot shows a mobile device screen with the following callouts:</p> <ul style="list-style-type: none"> <li>Battery Level: Points to the battery icon in the top left corner.</li> <li>Antenna Strength: Points to the antenna strength indicator in the top left corner.</li> <li>Channel Name: Points to the text "the '80s" in the top left of the display.</li> <li>Channel Number: Points to the number "8" in the top right of the display.</li> <li>Artist Name: Points to the text "Aerosmith" in the center of the display.</li> <li>Song Title: Points to the text "Livin' on the Edge" in the center of the display.</li> <li>Indicates that you are listening to live or recorded content: Points to a small icon in the top right of the display.</li> <li>Clock: Points to the time "12:00" in the top right corner.</li> <li>Indicates that the power switch is set in the "hold" position: Points to a small icon in the top right corner.</li> </ul> <p>(XMp3 User Guide, pages: 15)</p>

		 <p><i>(XMp3 User Guide, pages: 31)</i></p>
28	The audio program player for automatically playing a collection of audio program files selected by a listener as set forth in claim 14	Every claim limitation of claim 14 is present in the XMp3 as described above.
28.a	wherein each of said audio program files stored in said memory unit is designated by a unique program identifier and	<p>Each of the audio program files stored in the memory unit is designated by a unique program identifier.</p> <p>On information and belief, in the XMp3 each audio file is designated by a unique program identifier.</p>
28.b	wherein said playback session sequencing file specifies the program identifier of each of the audio program files in said collection.	The file of data establishing a sequence in which the program segments are scheduled to be reproduced by the XMp3 is the playlist file. The specific format of the playlist file is proprietary to Sirius and/or not publicly available. These infringement contentions will be supplemented pursuant to Patent Rule 3-1(g).

		On information and belief, the playlist file in the XMp3 specifies the unique program identifier for the program files included in the playlist file.
29	The audio program player for automatically playing a collection of audio program files selected by a listener as set forth in claim 28	Every claim limitation of claim 28 is present in the XMp3 as described above.
29.a	wherein said program description data comprises a plurality of program description records each of which:	<p>The XMp3 uses program description data comprising a plurality of program description records.</p> <p>On information and belief, the XMp3 stores information about each separate digital audio file as described below.</p>
29.b	(a) describes a given one of said audio program files stored in said memory unit, (b) contains or is designated by the unique program identifier designating said given one of said audio program files, (c) specifies said displayable text describing said given one of said audio program files, and (d) specifies the storage location of said given one of said audio program files.	<p>The XMp3 stores program description data that (a) describes a given one of said separate digital compressed audio program files stored in said digital memory unit, (b) contains or is designated by the unique program identifier designating said given one of said audio program files, (c) specifies text displayable on said display screen describing said given one of said separate digital compressed audio program files, and (d) specifies the storage location of said given one of said separate digital compressed audio program files.</p> <p>On information and belief, the XMp3 stores a wide range of data that describes the audio files.</p> <p>Sample descriptive data is shown in the display screen below.</p>

		 <p>(XMp3 User Guide, pages: 31)</p>
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