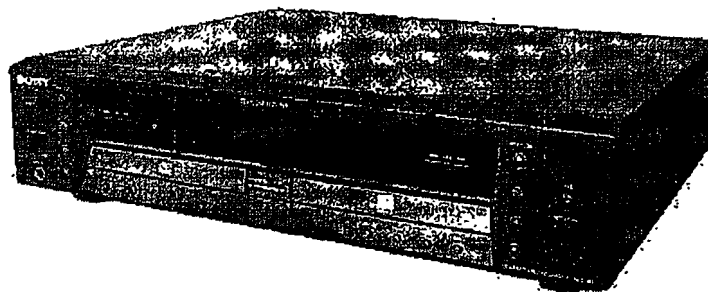


RCD-W1

SERVICE MANUAL

Ver 1.4 2003.06

*US Model
Canadian Model
E Model*

CD-R	Model Name Using Similar Mechanism	NEW
	CD Mechanism Type	CDM-700(CD-RW)
	Optical Pick-up Type	KRS-220C
CDP	Model Name Using Similar Mechanism	NEW
	CD Mechanism Type	CDM-700(CDP)

SPECIFICATIONS

DECK A (the CD player section)

System	Compact disc and digital audio system
Laser	Semiconductor laser ($\lambda = 780 \text{ nm}$) Emission duration: continuous
Frequency response	20Hz-20,000kHz (0.5 dB)
Signal-to-noise ratio	More than 100 dB
Dynamic range	More than 93 dB

DECK B (the CD-R and CD-RW recording section)

System	Compact disc digital audio system
Laser	Semiconductor laser ($\lambda = 780 \text{ nm}$) Emission duration: continuous
Playable discs	CD, CD-R, CD-RW
Recordable discs	CD-R, CD-RW (for music use)
Frequency response	20 to 20,000 Hz $\pm 0.5 \text{ dB}$
Signal-to-noise ratio	Over 96 dB during playback
Dynamic range	More than 93 dB during playback

Inputs

ANALOG IN (Phono jacks)	impedance 47 kilohms Rated input 330 mVrms Minimum input 125 mVrms
-----------------------------------	--

DIGITAL OPTICAL IN

(Square optical connector jack)

Optical wavelength
660 nm

Outputs

ANALOG OUT (Phono jacks)	impedance 47 kilohms Rated output 2 Vrms Load impedance over 10 kilohms
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OPTICAL DIGITAL OUT

(Square optical connector jack)

Wavelength 660 nm
Output level -18 dBm

General

Power requirements	120 V AC, 60 Hz
U.S.A. and Canada	28 W
Power consumption	
Dimensions (approx.) (w/h/d) incl. projecting parts and control	430 x 108 x 368 mm
Mass (approx.)	4.6 kg
Supplied accessories	• Audio connecting cord (2) • Remote commander (remote) (1) • Size AA (R6) batteries (2).

Design and specifications are subject to change without notice.

COMPACT DISC RECORDER

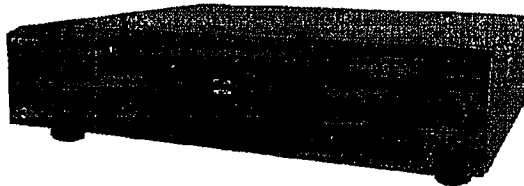
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2003F02-1
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Home Audio Company
Published by Sony Engineering Corporation

RCD-W500C

SERVICE MANUAL

Ver 1.2 2004.08

*US Model
Canadian Model*

CD Section	Model Name Using Similar Mechanism	NEW
	CD Mechanism Type	CDM53L-30B61M
	Base Unit Type	BU-30BBD61M
	Optical Pick-up Type	A-MAX.4T
CD-R/CD-RW Section	Model Name Using Similar Mechanism	RCD-W100
	CD Mechanism Type	CDM65-RBD2
	Base Unit Type	RBD2
	Optical Pick-up Type	KRM-220CAA

SPECIFICATIONS

DECK A (the CD player section)

System	Compact disc digital audio system
Laser	Semiconductor laser ($\lambda = 780 \text{ nm}$) Emission duration: continuous
Playable discs	CD, CD-R, CD-RW
Frequency response	20 Hz - 20,000 Hz ($\pm 0.5 \text{ dB}$)
Signal to Noise Ratio	Over 98 dB during play
Wow and flutter	Below measurable limit

DECK B (the CD-R and CD-RW recording section)

System	Compact disc digital audio system
Laser	Semiconductor laser ($\lambda = 780 \text{ nm}$) Emission duration: continuous
Playable discs	CD, CD-R, CD-RW
Recordable discs	CD-R, CD-RW (for Audio)
Frequency response	20 Hz - 20,000 Hz ($\pm 0.5 \text{ dB}$)
Signal to Noise Ratio	Over 98 dB during play
Wow and flutter	Below measurable limit

Inputs

ANALOG IN (Phono jacks)	Impedance: 47 kilohms Rated input: 500 mVrms Minimum input: 250 mVrms
DIGITAL OPTICAL IN (Square optical connector jack)	Optical wavelength: 660 nm

Outputs

ANALOG OUT (Phono jacks)	Rated output: 2 Vrms Load impedance: over 10 kilohms
DIGITAL OPTICAL OUT (Square optical connector jack)	Wavelength: 660 nm Rated output: -18 dBm
PHONES (Stereo phone jack)	Load impedance: 32 ohms Rated output: 12mW

General

Power requirements	120 V AC, 60 Hz
Power consumption	25 W
Dimensions (approx.) (w/h/d) incl. projecting parts and control	430 x 108 x 399 mm (17 x 4 1/4 x 15 1/4 inch)
Mass (approx.)	6.8 kg (15 lbs)
Supplied accessories	<ul style="list-style-type: none"> Audio connecting cords Phono plug x 2 (red/white) ← Phono plug x 2 (red/white) (2) Remote commander (remote) (1) R6 (size AA) batteries (2)

Design and specifications are subject to change without notice.

COMPACT DISC RECORDER

SONY®

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2004H16-1
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Audio Group
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JVC

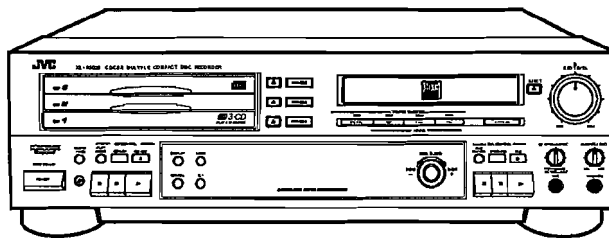
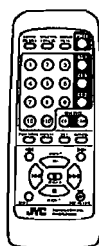
SERVICE MANUAL

CD/CDR MULTIPLE COMPACT DISC RECORDER

XL-R5000BK

Area Suffix

U ----- Other Areas



COMPU LINK
Component

COMPACT disc
DIGITAL AUDIO
Recordable

COMPACT disc
DIGITAL AUDIO
ReWritable

COMPACT disc
DIGITAL AUDIO

3-CD
PLAY & EXCHANGE

Contents

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