

CDX-M600/M600R/M650

SERVICE MANUAL

Ver 1.3 2001.05

US Model
Canadian Model
CDX-M600/M650
AEP Model
UK Model
CDX-M600R



Photo: CDX-M600

- The tuner and CD sections have no adjustments.

SPECIFICATIONS

AUDIO POWER SPECIFICATIONS (CDX-M600/M650)
POWER OUTPUT AND TOTAL HARMONIC DISTORTION
19 watts per channel minimum continuous average power into 4 ohms, 4 channels driven from 20 Hz to 20 kHz with no more than 1% total harmonic distortion.

Other Specifications

CD player section

System	Compact disc digital audio system
Signal-to-noise ratio	90 dB
Frequency response	10 – 20,000 Hz
Warp and flutter	Below measurable limit
Laser Diode Properties (CDX-M600/M650)	
Material	GaAlAs
Wavelength	780 nm
Emission Duration	Continuous
Laser output power	Less than 44.0 pW*

* This output is the value measured at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block.

Tuner section

FM

Tuning range	87.5 – 107.9 MHz (CDX-M600R) 87.5 – 106.0 MHz (CDX-M600/M650)
Antenna terminal	External antenna connector
Intermediate frequency	10.7 MHz/450 kHz
Usable sensitivity	8 dBf
Selectivity	75 dB at 400 kHz 60 dB (common) 72 dB (common)
Signal-to-noise ratio	3 dB 0.5% (common) 0.1% (common)
Harmonic distortion at 1 kHz	0.5% (common) 0.1% (common)
Separation	35 dB at 1 kHz
Frequency response	30 – 15,000 Hz

AM (CDX-M600/M650)

Tuning range	530 – 1,710 kHz
Antenna terminal	External antenna connector
Intermediate frequency	10.7 MHz/450 kHz
Sensitivity	30 pW

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Model Name Using Similar Mechanism	NEW
CD Drive Mechanism Type	MG-3832-121/UK
Optical Pick-up Name	KSS-720A

FM/LW (CDX-M600R)

Tuning range	MW: 531 – 1,600 kHz LW: 150 – 270 kHz
Antenna terminal	External antenna connector
Intermediate frequency	10.7 MHz/450 kHz
Sensitivity	MW: 30 pW LW: 40 pW

Power amplifier section

Outputs	Speaker outputs
Speaker impedance	4 – 8 ohms
Maximum power output	50 W (x 4 ch 4 ohms)

General

Outputs	Audio outputs (1) (CDX-M600/M650) Audio outputs (2) (CDX-M600R) Power antenna relay control lead (CDX-M600/M650) Power aerial relay control lead (CDX-M600R) Power amplifier control lead Telephone ATT control lead Elimination control lead
Inputs	
Power requirements	12 V DC car battery (negative ground)

— Continued on next page —

FM/AM COMPACT DISC PLAYER

CDX-M600/M650

FM/MW/LW COMPACT DISC PLAYER

CDX-M600R

SONY®

Sony Cdx M600 Manual

M Lipman



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Car and Driver ,2000-07 Sony Service Manual Soni Kabushiki Kaisha,198? *All-New PlayStation 5 User Guide, Newbie to Expert in 2 Hours* Edwards Weber,2020-11-25 Here it is This is the All New Playstation Manual that should have come in the box Here it is This is the All New Fire 7 User Manual that should have come in the box This Book contains views tips and tricks of our favorite PlayStation Console From the Number 1 Best Selling authors in Computers and Technology this clear and concise guide will show you how to get the very best from the incredible new PlayStation 5 Step by step instructions will take you from newbie to expert in just two hours **Sony Audio Mixer MXP-290/290R** Soni-KK,1995

Personal Audio System Soni Kabushiki Kaisha,1999 The user manual for Sony s personal audio system ZS D5

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