

HCD-XG60/XG500

SERVICE MANUAL

Ver 1.0 2001.02



Photo: HCD-XG60

US Model
Canadian Model
AEP Model
UK Model
HCD-XG500
E Model
HCD-XG60

HCD-XG60/XG500 is the amplifier, CD player, tape deck and tuner section in LBT-XG60/XG500.

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CD Section	Model Name Using Similar Mechanism	HCD-LX6/LX50/LX70
	CD Mechanism Type	CDM37M-58D32L
	Base Unit Name	BU-58D32L
TAPE Section	Optical Pick-up Name	KSS-213DH
	Model Name Using Similar Mechanism	NEW
	Tape Transport Mechanism Type	TCM-230PWR42

SPECIFICATIONS

AUDIO POWER SPECIFICATIONS: (US model only)

POWER OUTPUT AND TOTAL HARMONIC DISTORTION

With 8 ohm loads both channels driven, from 120-20,000 Hz, rates 140 watts per channel minimum RMS power, with no more than 10% total harmonic distortion.

Amplifier section

Canadian model:

Continuous RMS power output (reference)
160 ± 10 watts (6 ohms at 1 kHz, 10% THD)
less than 0.07% (6 ohms at 1 kHz, 20 Hz)

AEP, UK models:
DIN power output (max)
110 ± 110 watts (6 ohms at 1 kHz, DIN)
Continuous RMS power output (reference)
140 ± 140 watts (6 ohms at 1 kHz, 10% THD)

Music power output (reference)
240 ± 240 watts (6 ohms at 1 kHz, 10% THD)

Other models:
The following measured at AC 120/220/240V, 50 Hz
DIN power output (max)
170 ± 170 watts (6 ohms at 1 kHz, DIN)
Continuous RMS power output (reference)
200 ± 200 watts (6 ohms at 1 kHz, 10% THD)

Inputs
D1 MEX+
(phono jacks)

GUSTAR IN
(phono jack)

PHONO IN
(phono jacks)

MEX MIC
(phono jack)

VIDEO IN
(phono jacks)

GAME IN
(phono jacks)

MD IN
(phono jack)

Outputs
D1 MEX+
(phono jacks)

PHONES
(mono phono jack)

sensitivity 250 mV,
impedance 47 kilohms

sensitivity 75 mV,
impedance 470 kilohms

sensitivity 3 mV,
impedance 47 kilohms

sensitivity 1 mV,
impedance 50 kilohms

sensitivity 250 mV,
impedance 47 kilohms

sensitivity 250 mV,
impedance 47 kilohms

sensitivity 450 mV,
impedance 47 kilohms

sensitivity 250 mV,
impedance 1 kilohm

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sensitivity 250 mV,
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sensitivity 250 mV,
impedance 1 kilohm

VIDEO OUT:
(phono jack)

MD OUT:
(phono jacks)

FRONT SPEAKER:

* US, Canadian, AEP, UK, and Mexican models only

CD player section

System

Laser

Wavelength

Frequency response

Signal-to-noise ratio

Dynamic range

CD OPTICAL DIGITAL OUT

(Square optical connector jack, rear panel)

Wavelength

Output level

Output level

Output level

Output level

voltage 250 mV

impedance 1 kilohm

voltage 250 mV

impedance 1 kilohm

accepts impedance of 6 to 16 ohms

Compact disc and digital audio system

Transconductance laser (λ=780nm). Emission duration: continuous

780 ± 790 nm

2 Hz ± 20 kHz (±0.3 dB)

More than 90 dB

More than 90 dB

More than 90 dB

More than 90 dB

More than 90 dB

More than 90 dB

More than 90 dB

More than 90 dB

More than 90 dB

— Continued on next page —

COMPACT DISC DECK RECEIVER

SONY®

Sony Hcd Xg500 Home Theater Systems Owners Manual

B Lingard



Sony Hcd Xg500 Home Theater Systems Owners Manual:

Home Theater for Everyone Robert Harley, Acapella Publishing, 2002-08 With this consumer's guide buyers of home theatre systems will be taken through the technology and components of home entertainment and learn how they suit their individual needs Consumers will discover the best components for their needs how to be a savvy shopper how to avoid buying the wrong technology and how to set up and fine tune a system In addition all the technologies behind home theatre are explained These technologies include DVD players audio video receivers multichannel speaker systems high definition television HDTV and digital satellite systems *Mastering the Sony Bravia 8 II QD-OLED TV Essentials Manual* Mira Callen, 2025-05-03 Get the Most Out of Your Sony Bravia 8 II QD OLED TV with Ease and Confidence Whether you're a first time user or upgrading your home theater setup this detailed and user friendly manual walks you through every essential feature of the Sony Bravia 8 II QD OLED TV From unboxing and mounting to optimizing picture modes navigating Google TV and integrating smart features this guide simplifies it all Mastering the Sony Bravia 8 II QD OLED TV Essentials Manual is your everyday companion to unlocking the true power of Sony's premium display technology no tech background required What You'll Learn Inside Complete first time setup mounting Wi-Fi connection and remote pairing How to navigate the Google TV interface and customize your home screen Step by step picture calibration for movies gaming and everyday content Mastering Acoustic Surface Audio and integrating Dolby Atmos sound systems Accessing popular streaming apps and managing live TV channels Using smart features like Google Assistant Apple AirPlay and Chromecast Setting up advanced HDMI inputs screen mirroring and multi view functions Managing parental controls energy saving settings and privacy tools Updating software exploring Bravia Core streaming and troubleshooting issues Enabling accessibility options and integrating your TV with a smart home setup Whether you're watching blockbuster films gaming in HDR or simply browsing content this guide provides the tools to personalize optimize and future proof your Sony Bravia 8 II experience This book is independently published and is not affiliated with Sony Corporation All product names and trademarks are the property of their respective owners *Personal Audio System* Soni Kabushiki Kaisha, 1999 The user manual for Sony's personal audio system ZS D5

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