

# HCD-GNX600

## SERVICE MANUAL

Ver.1.0 2006.04

*E Model  
Australian Model*



- HCD-GNX600 is the Amplifier, CD player, tape deck and tuner section in MHC-GNX600.

CD Section	Model Name Using Similar Mechanism	HCD-GNX800
	CD Mechanism Type	CDM74KFS-F1BD81A
	Base Unit Name	BU-F1BD81A
	Optical Pick-up Name	KSM-215DCP/C2NP
TAPE Section	Model Name Using Similar Mechanism	HCD-GNX800
	Tape Transport Mechanism Type	CWN42FF601

### SPECIFICATIONS

#### Amplifier section

The following are measured at

	120 V, 220 V, 240 V AC, 50/60 Hz
Front speakers	
DIN power output (rated)	130 + 130 watts (6 ohms at 1 kHz, DIN)
Continuous RMS power output (reference)	160 + 160 watts(6 ohms at 1 kHz, 10% THD)
Sub woofer	
Continuous RMS power output (reference)	200 watts (4 ohms at 100 Hz, 10% THD)
TV (AUDIO) IN (phono jack)	
	voltage 250 mV, impedance 47 kilohms
MIC (phone jack)	sensitivity 1 mV, impedance 10 kilohms
Outputs	
PHONES (stereo mini jack)	accepts headphones of 8 ohms or more
FRONT SPEAKER/SUB WOOFER OUT	Use only the supplied speaker

#### Disc player section

System	Compact disc and digital audio system
Laser	Semiconductor laser ( $\lambda=780$ nm) Emission duration: continuous Max. 44.6 $\mu$ W*
Laser Output	* This output is the value measured at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block with 7 mm aperture.
Frequency response	2 Hz – 20 kHz ( $\pm 0.5$ dB)
Wave length	780 – 790 nm
Signal-to-noise ratio	More than 90 dB
Dynamic range	More than 90 dB

#### Tape deck section

Recording system	4-track 2-channel stereo
Frequency response	50 – 13,000 Hz ( $\pm 3$ dB), using Sony TYPE I tape

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## MINI HI-FI COMPONENT SYSTEM

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