

HCD-EC55/EC77/GX99

SERVICE MANUAL

Ver. 1.1 2007.04



Photo : HCD-EC55 (E model)

- HCD-EC55 (US model) and HCD-EC77/GX99 (US and Canadian models) are the Amplifier, CD player and Tuner section in MHC-EC55/EC77/GX99.
- HCD-EC55 (Except US model) and HCD-EC77/GX99 (Except US and Canadian models) are the Amplifier, CD player, Tape Deck and Tuner section in MHC-EC55/EC77/GX99.

US Model
HCD-EC55/EC77/GX99
Canadian Model
HCD-EC77/GX99
AEP Model
HCD-EC55/EC77
UK Model
HCD-EC55
E Model
Australian Model
HCD-EC55/EC77

CD Section	Model Name Using Similar Mechanism	NEW
	Base Unit Name	SU-K2BC90-W00
	Optical Pick-up Name	KSM-2130CP
TAPE Section	Model Name Using Similar Mechanism	NEW
	Tape Transport Mechanism Type	CS-218C-901TP

SPECIFICATIONS

GENERAL

AUDIO POWER SPECIFICATIONS:

POWER OUTPUTS AND TOTAL BALANCED OUTPUTS:

(HCD-EC55, HCD-EC77: The United States model only)

Low channel:

With 8 ohm loads, both channels drive, from 1.00 = 10000 Hz, 40 watts per channel (balanced, RMS power, with an error rate 0.75 total harmonic distortion from 0.50 maximum) (referred output)

High channel:

With 8 ohm loads, both channels drive, from 1.00 = 10000 Hz, 40 watts per channel (balanced, RMS power, with an error rate 0.75 total harmonic distortion from 0.50 maximum) (referred output)

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AMPLIFIER SECTION

HCD-EC55

Power output:

RMS output power (balanced):

Low channel:

40 W + 40 W (per channel) at 8 Hz, 1 MHz, 10% THD

High channel:

40 W + 40 W (per channel) at 8 Hz, 1 MHz, 10% THD

Subtotal:

RMS output power (balanced):

100 W (at 8 Hz, 100 kHz, 10% THD)

HCD-EC77

Power output:

RMS output power (balanced):

Low channel:

40 W + 40 W (per channel) at 8 Hz, 1 MHz, 10% THD

High channel:

40 W + 40 W (per channel) at 8 Hz, 1 MHz, 10% THD

Supplies and Functions section:

Power output (total):

Low channel:

40 W + 40 W (per channel) at 8 Hz, 1 MHz, 10% THD

High channel:

40 W + 40 W (per channel) at 8 Hz, 1 MHz, 10% THD

RMS output power (balanced):

Low channel:

40 W + 40 W (per channel) at 8 Hz, 1 MHz, 10% THD

High channel:

40 W + 40 W (per channel) at 8 Hz, 1 MHz, 10% THD

Subtotal:

The following are measured at AC 115V, 120V, 240V, 50/60 Hz:

Power output (total):

Low channel:

40 W + 40 W (per channel) at 8 Hz, 1 MHz, 10% THD

High channel:

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