

HCD-GX355/GX555/ RG270/RG475/RG575

SERVICE MANUAL

Ver. 1.4 2005.10



Photo: HCD-RG270

- HCD-GX355 is the amplifier, CD player, tape deck and tuner section in MHC-GX355.
- HCD-GX555 is the amplifier, CD player, tape deck and tuner section in MHC-GX555.
- HCD-RG270 is the amplifier, CD player, tape deck and tuner section in MHC-RG270.
- HCD-RG475 is the amplifier, CD player, tape deck and tuner section in MHC-RG475.
- HCD-RG575 is the amplifier, CD player, tape deck and tuner section in MHC-RG575.

US Model
Canadian Model
HCD-GX355/GX555
AEP Model
UK Model
Australian Model
HCD-RG270/RG475
E Model
HCD-RG270/RG475/RG575

CD Section	Model Name Using Similar Mechanism	NEW
	CD Mechanism Type	CDM74KPS-F1BD81C (Except Mexican model) or CDM74KP-K68D83S (US, Canadian, AEP, UK, East European, Russian, E2, E51 models)/CDM74KPS-F1BD84 (Mexican model)
	Base Unit Name	BU-F1BD81C (Except Mexican model) or BU-K68D83S-WDC (US, Canadian, AEP, UK, East European, Russian, E2, E51 models)/BU-F1BD84 (Mexican model)
	Optical Pick-up Block Name	KSM-215DCP or KSM-213DCP
TAPE Section	Model Name Using Similar Mechanism	NEW
	Tape Transport Mechanism Type	CWM43PF13

- Abbreviations
E2 : 120V AC Area in E model
E51 : Chinese and Russian models

SPECIFICATIONS

Amplifier section

AUDIO POWER SPECIFICATIONS (HCD-GX355/GX555 USA model only)

HCD-GX555

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

With 8-ohm loads, both channels driven, from
120 – 10,000 Hz, rated 145 watts per channel
maximum RMS power, with no more than 10%
total harmonic distortion from 250 milliwatts to
rated output.

HCD-GX355

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

With 8-ohm loads, both channels driven, from
120 – 10,000 Hz, rated 150 watts per channel
maximum RMS power, with no more than 10%
total harmonic distortion from 250 milliwatts to
rated output.

North American model:

HCD-GX555

Front speaker

Continuous RMS power output (indicated):

145 + 145 watts (8-ohms at

1 kHz, 10% THD)

Total harmonic distortion: Less than 0.07% (8-ohms at

1 kHz, 80 W)

Rear speaker

Continuous RMS power output (indicated):

170 watts (8-ohms at

80 Hz, 10% THD)

Total harmonic distortion: Less than 0.07% (8-ohms at

80 Hz, 80 W)

HCD-GX355

Continuous RMS power output (indicated):

150 + 150 watts (8-ohms at

1 kHz, 10% THD)

Total harmonic distortion: Less than 0.07% (8-ohms at

1 kHz, 80 W)

European and Russian models:

HCD-RG475

Front speaker

DCN power output (rated): 110 + 110 watts (8-ohms at

1 kHz, 10%)

Continuous RMS power output (indicated):

140 + 140 watts (8-ohms at

1 kHz, 10% THD)

Maximum power output (indicated):

200 + 200 watts (8-ohms at

1 kHz, 10% THD)

Rear speaker

DCN power output (rated): 170 watts (8-ohms at

80 Hz, 10%)

Continuous RMS power output (indicated):

190 watts (8-ohms at

80 Hz, 10% THD)

Maximum power output (indicated):

320 watts (8-ohms at

80 Hz, 10% THD)

— Continued on next page —

COMPACT DISC DECK RECEIVER

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