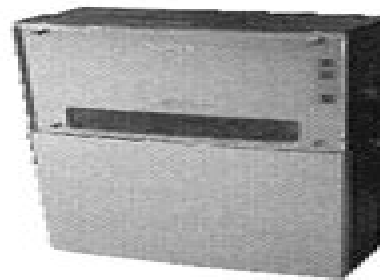


HCD-LS1

SERVICE MANUAL



*US Model
Canadian Model
AEP Model
UK Model
E Model*

HCD-LS1 is the Amplifier, CD player and Tuner section in CMT-LS1.

Model Name Using Similar Mechanism	NEW
CD Mechanism Type	HG-1
Optical Pick-up Name	KSS-540A

SPECIFICATIONS

Amplifier section

For the U.S. model

AUDIO POWER SPECIFICATIONS POWER OUTPUT AND TOTAL HARMONIC DISTORTION

With 8 ohm loads both channels driven, from 20-
10,000 Hz, rated 50 watts per channel minimum
RMS power, with no more than 10% total
harmonic distortion from 250 milli-watts to rated
output.

North American model:

Continuous RMS power output (Reference):
50 + 0.5 watts
(4 ohms at 1 kHz, 30% THD)

European model:

DRM power output (RMS): 11 + 0.1 watts
(4 ohms at 1 kHz, 10%)

Continuous RMS power output (Reference):

50 + 0.5 watts
(4 ohms at 1 kHz, 30% THD)

Other models:

DRM power output (RMS): 11 + 0.1 watts
(4 ohms at 1 kHz, 10%, 240 V)
11 + 0.1 watts
(4 ohms at 1 kHz, 10%, 220 V)

Continuous RMS power output (Reference):

50 + 0.5 watts
(4 ohms at 1 kHz, 30% THD,
240 V)
50 + 0.5 watts
(4 ohms at 1 kHz, 30% THD,
220 V)

Inputs

TAPE IN (three aux jacks):
Voltage: 200 mV, impedance:
47 kOhms

Outputs

TAPE OUT (three aux jacks):
From an CD-Pull-In Play,
impedance: 5 kOhms
CD OUT (optical)
HEADPHONE (aux jack):
accepts headphones of 8-ohms or
more
SPEAKER: speaker system
4-ohms

CD player section

System

Compact disc and digital audio

Laser

semiconductor laser (LWTR) and

Laser output

200-mW diode, continuous

Max. 44.5 pW*

*Data output to the value measured

at a distance of 200 mm from the

objective lens surface via the

optical pick-up block with 1 mm

aperture.

Frequency response

20 Hz - 20,000 Hz (0.1-0 dB)

- Continued on next page -

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**United States. Bureau of Naval
Personnel**



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