



SPECIFICATIONS

- POWER AMPLIFIER**
- Power Output:** 65 watts per channel minimum, RMS at 8 ohms from 20 Hz to 20,000 Hz with no more than 0.1% total harmonic distortion
 - Both Channel Driven:** 70 watts per channel into 8 ohms at 1,000 Hz; 85 watts per channel into 4 ohms at 1,000 Hz
 - Dynamic Power Output:** 250 watts into 4 ohms
 - Total Harmonic Distortion:** 0.1% at rated power into 8 ohms; 0.04% at 1 watt power into 8 ohms from 20 Hz to 20,000 Hz
 - Intermodulation Distortion:** 0.1% at rated power into 8 ohms (60 Hz : 7,000 Hz : 4 : 1); 0.04% at 1 watt power into 8 ohms
 - Power Bandwidth:** 50 Hz ~ 60,000 Hz
 - Damping Factor:** 50 at 8 ohms
 - Speaker Impedance:** Accept 4 ohms to 16 ohms
 - Signal to Noise Ratio (IHF A):** 110 dB (Short circuited)
 - Input Sensitivity, Impedance:** 1.0V 50 kohms

PREAMPLIFIER SECTION

- Input Sensitivity, Impedance & S/N (IHF A)**
- Phono 1:** 2.5mV 50 kohms 76 dB (5 mV)
 - Phono 2:** 2.5mV 50 kohms 76 dB (5 mV)
 - Tuner:** 150mV 50 kohms 90 dB
 - Aux:** 150mV 50 kohms 90 dB
 - Tape Play:** 150mV 50 kohms 90 dB
- Maximum Input Level:** 200 mV (rms)
 T.H.D. 0.1% at 1,000 Hz

- Output Voltage**
- Tape Rec (pin):** 150 mV
 - (DIN):** 350 mV 80 kohms
- Frequency Response**
- Phono:** RIAA standard ± 0.3 dB
 - Aux, Tape Play:** 20 Hz ~ 40,000 Hz ± 0.5 dB
- Tone Controls**
- Bass:** 150 Hz: +7.5 dB at 40 Hz; 400 Hz: ± 7.5 dB at 100 Hz; 3 kHz: +7.5 dB at 10,000 Hz; 6 kHz: +7.5 dB at 20,000 Hz
 - Treble:** 3 kHz: +7.5 dB at 10,000 Hz; 6 kHz: +7.5 dB at 20,000 Hz
- Loudness Control (-30 dB):** 13, 6, 10 dB at 50 Hz
- Subsonic Filter:** 18 Hz, 12 dB/oct
- Low Filter:** 40 Hz, 12 dB/oct
- High Filter:** 8,000 Hz, 12 dB/oct
- Presence:** 800 Hz: +6 dB; 3 kHz: +6 dB

GENERAL

- Power Requirement:** 50/60 Hz 110~120V, 220~240V
- Power Consumption:** 450 watts at full power
- AC outlet:** Switched 2, Unswitched 1
- Dimensions:** W 16-1/16" (430 mm), H 5-7/8" (149 mm), D 14-13/16" (376 mm)
- Weight (Net):** 30.8 lbs. (14 kg)