



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:	
Phono:	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 curve ± 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
Treble	3 kHz: ± 7.5 dB at 10,000 Hz 6 kHz: ± 7.5 dB at 20,000 Hz
Loudness Control (-30 dB):	$\pm 3, 6, 10$ 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 16-15/16" (430 mm) H 5-7/8" (149 mm) D 14-13/16" (376 mm)
Weight (Net):	30.8 lbs. (14 kg)