

1. Specifications

Power Amplifier Section

Output Power (both channels driven)	: 80 watts per channel, min. RMS into 8 ohms from 20Hz – 20kHz with no more than 0.1% total harmonic distortion 85 watts per channel into 8 ohms at 1kHz. THD = 0.1%
Total Harmonic Distortion (at 80W)	: 0.05% at 1kHz
Intermodulation Distortion	: 0.1% at rated output
Frequency Response	: 10Hz – 70kHz $^{+0}_{-1}$ dB at 1W Output
Input Sensitivity/Impedance	: 1V/50k Ω
Load Impedance	: 4 Ω – 16 Ω (SYSTEM-1 or 2) 8 Ω – 16 Ω (SYSTEM-1+2)
Damping Factor	: 30 at 8 Ω (20Hz – 20kHz)
Signal to Noise Ratio	: 100dB

Pre-Amplifier Section

Input Sensitivity/Impedance	: PHONO-1, 2 : 2.5mV/33k Ω , 47k Ω , 100k Ω Selectable TUNER : 180mV/50k Ω , AUX-1, 2 : 180mV/50k Ω , TAPE PLAY-1, 2, 3 : 180mV/50k Ω , DIN PLAY : 180mV/50k Ω
Output Sensitivity/Impedance	: TAPE REC-1, 2, 3 : 180mV DIN REC : 30mV PRE OUT : 1V/1.9k Ω
Phono Equalizer Deviation	: ± 0.5 dB from RIAA Curve
Phono Overload	: 210mV (RMS)/580mV (P-P) at 1kHz
Signal to Noise Ratio	: PHONO : 65dB (RMS) AUX, TAPE PLAY : 85dB (RMS)
Frequency Response	: TUNER, AUX, TAPE PLAY 20Hz – 70kHz, ± 0.5 dB
Loudness Control (at -30dB Vol. Control)	: + 8 dB at 100Hz, +4dB at 10kHz
Tone Control	: BASS : ± 8 dB (100Hz) TREBLE : ± 8 dB (10kHz)
Filters	: Subsonic : 6dB/Oct. at 18Hz High : -6dB/Oct. at 9kHz
Muting	: -20dB
Power Source and Power Consumption	: See page 26
Dimensions	: 6-3/8"(H) x 16-5/8"(W) x 15-1/3"(D) (16.2cm x 42.0cm x 39.0cm)
Weight	: 35.2 lbs. (16kg)

2. Block Diagram

