

TECHNICAL SPECIFICATIONS

Power Output	Power Output: 80 watts continuous from 20Hz to 20kHz. 1kHz total harmonic distortion typically 1% at 70 watts, below 0.04% at 1 watt. (Note that actual power output is dependent upon both line voltage and “condition” i.e.: if power line has high distortion, maximum power will be affected adversely, although from a listening standpoint this is not critical)
Power Bandwidth	(-3dB points) 7Hz to 68kHz
Frequency Response	(-3dB points at 1 watt) 0.7Hz to 94kHz
Input Sensitivity	1.4V RMS Balanced for rated output. (25.5 dB gain into 8 ohms). RMS SE for rated output.
Input Impedance	300K ohms Balanced (75K ohms SE)
Output Polarity	Non-inverting. Balanced input pin 2+ (IEC-268)
Output Taps	4, 8, 16 ohms
Output Regulation	Approximately 1.0dB 16 Ohm Load to Open Circuit (Damping factor approximately 8)
Overall Negative Feedback	15dB
Slew Rate	10 volts/microsecond
Rise Time	4.0 microseconds
Power Requirements	105-130VAC 60Hz (210-250VAC 50Hz) 420 watts at rated output. 221 watts at “idle”, 3.6 watts off Units for Japan: 100VAC 50/60Hz
Tubes Required	2 matched pair KT150 (Power output V1-V4); 2 6H30 (Gain stage V5, V6)
Dimensions	Width 18.5” (47 cm) chassis; 19.0” (48.26 cm) faceplate. Height 10.5” (26 cm) Depth 18.5” (47 cm) With handles & connectors: 21” (53.3 cm)
Weight	62 lbs. (28.2 kg) Net; 73 lbs. (32.7 kg) Shipping