

Specifications

Power Output

450 watts @ 8Ω
850 watts @ 4Ω
1300 watts @ 2Ω

*Power measurements are with 120 VAC:
0.15% THD, RMS continuous power,
full audio band (20Hz - 20kHz)*

Class A Power Output

25 Watts, bias set to high
10 Watts, bias set to low

Current Capacity

180 amps, peak

Slew Rate

> 130 volts per microsecond

Frequency Response

2Hz - 120kHz, +0/-2dB
20Hz - 20kHz, +0/-0.25dB

Total Harmonic Distortion (THD)

< 0.15% at full power
< 0.02% at typical listening levels

IM Distortion

< 0.03%

TIM

Unmeasurable

Damping Factor

> 1200 at 20Hz

Input Impedance

Unbalanced: 50kΩ
Balanced: 100kΩ, (50kΩ per leg)

S/N Ratio, inputs shorted

>122 dB, IHF A-weighted, bias set to Low
>120 dB, IHF A-weighted, bias set to High
>113 dB, Unweighted, bias set to Low
>111 dB, Unweighted, bias set to High

Total Gain

29dB (Gain switch set to normal)
23dB (Gain switch set to low)

Input Sensitivity for 28.28V Output into 8Ω

Unbalanced: 1V
Balanced: 1V per leg
(Gain switch set to normal)

DC Trigger Requirements

+9Vdc to +12Vdc, 5mA

Audio Trigger Requirement

2.5mV - 10mV

XLR Pin Identification

1 = Ground (Shield)
2 = Positive
3 = Negative (Return)

Dimensions

Width: 17-5/8" (448mm)
Height without feet: 7-1/8" (181mm)
Height with feet: 7-3/4" (197mm)
Depth: 20" (508mm)
Depth with cables: 21-1/2" (546mm)

Net Weight

83lb. (37.6kg)

Shipping Weight

100lb. (45.4kg)

Power Requirement

Standby: <1 Watt
Idle (bias set to low): 145 Watts
Idle (bias set to high): 275 Watts
Typical Listening levels: 400 Watts
Maximum: 1500 Watts