



“E160” Dual Channel Power Amplifier



E160 Black finish



E160 Chrome finish

General Description

The Perreaux “E160” Power Amplifier is a MOSFET unit capable of driving and controlling every type of loudspeaker we know of. The quality of music reproduction is superb and rivals that of amplifiers that are far more expensive. This sound quality is partly due to Perreaux research into power supply and grounding effects on sonic quality, which has resulted in a more open and dynamic performance, without the addition of extra components, either active or passive, in the signal path.

Features

160+160W
MOSFET Output Stage
Class A Driver Stage
Class A/AB Output Stage
Large Toroidal Transformer

20,000 μ F of Smoothing Capacitance
Earth Isolating Switch
High Quality PCBs and Components
Efficient External Heatsinks
Gold Plated Binding Posts

Specifications

Continuous Power Output (<i>per channel</i>):	160W _{rms} into 8 Ω
	200W _{rms} into 4 Ω
Frequency Response:	20Hz to 20kHz, \pm 0.25dB
Total Harmonic Distortion (<i>THD+N</i>):	
Typically	0.005% @ 1kHz into 8 Ω
20Hz to 20kHz	<0.04% into 8 Ω
Hum & Noise (<i>unweighted</i>):	-95dB, referenced to rated output
Input Sensitivity:	1.3V _{rms}
Gain:	28.6dB
Input Impedance:	22k Ω
Dynamic Headroom (<i>rated with music</i>):	>1.9dB into 8 Ω
Maximum Current Output:	24A per channel
Damping Factor:	500 @ 1kHz into 8 Ω
Driver Stage	Class A
Output Stage	Class A/AB
Dimensions (<i>not including feet and terminals</i>):	
Width	425mm (16.7")
Height	88mm (3.5")
Depth	315mm (12.4")
Weight:	9.5kg (20.9lb)