



Perreaux

Model: 6000B

Date of Manufacture: 1985

Product Type: Stereo Power Amplifier

Power Output (*per channel into 8Ω*): 300W_{rms}

Specifications:

Power Output

300W_{rms} per channel continuous both channels driven into 8Ω from 20Hz to 20kHz at no more than 0.09% Total Harmonic Distortion.

500W_{rms} per channel continuous into 4Ω

Total Harmonic Distortion < 0.09%

Intermodulation Distortion < 0.09%

Bandwidth ±0.25dB from 10Hz-20kHz
..... -3.0dB 10Hz and 50kHz

Level Control

Separate level controls are provided for each channel using high quality stepped attenuators of sealed construction.

Clipping Indicators

Output signal compared with input signal, indicators activated when difference greater than 0.5%.

Connectors

Cannon type for the input and output signals.

Balanced Input

Achieved by means of an active circuit, providing better audio quality than most transformers.

Phase Response +2° at 20Hz -2° at 20kHz

Channel Separation > 60dB 20Hz-20kHz

Damping Factor > 200 @ 50Hz

Slewing Rate 60V/μs

Input Impedance 10kΩ balanced

Balanced Input Sensitivity (for rated output @ 1kHz) 0.77V_{rms}

Dimensions

Width 483mm (19.0")

Height 177mm (7.3")

Depth 447mm (17.6")

Weight 25.0kg (55.0lb)

Schematic diagram

Product manual