



Perreaux

Model: 5570

Date of Manufacture: 1992

Product Type: Stereo Power Amplifier

Power Output (*per channel into 8Ω*): 500W_{rms}

Specifications:

Power Output

500W_{rms} per channel continuous both channels driven into 8Ω from 20Hz to 20kHz at no more than 0.03% Total Harmonic Distortion from 0.25W to rated power

Total Harmonic Distortion 0.03%

Intermodulation Distortion 0.03%

Dynamic Headroom (*with music*) > 2dB

Amplifier Saturation > 1500W per channel into 8Ω

Voltage Swing 220V_{p-p} per channel

Current Output

Short Duration Continuous 15A per channel (fuse limited)

Instantaneous Peak 40A per channel

Rise Time Typically 1μs

Uncompensated Bandwidth 0.1dB from 10Hz-300kHz @ 1W

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

Channel Separation > 60dB 20Hz-20kHz

Hum and Noise (*unweighted*) 100dB below rated output 20Hz-20kHz

Damping Factor > 200 from 10Hz-1kHz

Input Sensitivity 1.5V_{rms} for rated output @ 1kHz

Input Impedance 47kΩ

Driver Stage Class A

Output Devices Extended Class AB

Dimensions

Width 483mm (19.0")

Height 285mm (11.3")

Depth 571mm (22.5")

Weight 46.0kg (102.0lb)

Schematic diagram

Product manual