



Perreaux

Model: PMF100

Date of Manufacture: 1982

Product Type: Stereo Power Amplifier

Power Output (*per channel into 8Ω*): 100W_{rms}

Specifications:

Power Output

100W_{rms} per channel both channels driven into 8Ω from 20Hz to 20kHz at no more than 0.005% Total Harmonic Distortion from 0.25W to rated power.

Power Output Prior to Clipping

Both channels driven into 8Ω..... 120W

Frequency Response

Rated output 10Hz-100kHz ±0.1dB

Total Harmonic Distortion

100W_{rms} into 8Ω from 20Hz-20kHz < 0.005%

100W_{rms} into 8Ω at 1kHz < 0.0009%

Intermodulation Distortion (*S.M.P.T.E. method 60Hz and 7kHz mixed 4:1*)

1W to 10W into 8Ω < 0.0008%

10W to 100W into 8Ω < 0.002%

Rated power Typically 0.0008%

Slewing Rate 100V/μs

Transient Response 0.8μs

Phase Response +1° at 20Hz -1° at 20kHz

Hum and Noise 100dB below rated output 20Hz-20kHz (110dB "A")

Damping Factor

8Ω from 10Hz-1kHz > 200

Input Impedance 10kΩ

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

Load Impedance

Rated for 8Ω usage but will safely drive any load from 4Ω up including reactive loads such as full range electrostatic speakers.

Dimensions

Width..... 437mm (17.2")

Height..... 223mm (8.8")

Depth..... 414mm (16.3")

Weight 18.0kg (40.0lb)

Schematic diagram

Product manual

info@perreaux.com

www.perreaux.com

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