



Perreaux

Model: PMF1000

Date of Manufacture: 1980

Product Type: Stereo Power Amplifier

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

Specifications:

Power Output

100W_{rms} minimum per channel both channels driven into 8Ω from 20Hz to 20kHz at no more than 0.025% Total Harmonic Distortion from 0.25W to rated output.

Output per channel at onset of clipping at 1kHz

Both channels driven into 8Ω..... 110W_{rms}

Dynamic Headroom 1.5dB

Frequency Response

Rated output 10Hz-100kHz ±0.1dB

Total Harmonic Distortion

100W_{rms} into 8Ω from 20Hz to 20kHz..... < 0.025%

100W_{rms} into 8Ω at 1kHz < 0.008%

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

1W to 10W into 8Ω < 0.009%

10W to rated output into 8Ω..... < 0.010%

Rated power..... Typically 0.008%

Slewing Rate..... 70V/μs

Transient Response 0.8μs

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

Hum and Noise..... 95dB below rated output 20Hz to 20kHz (100dB "A")

Damping Factor

10Hz-1kHz at 8Ω > 200

Input Impedance..... 10kΩ

Input Sensitivity

For rated output at 1kHz..... 1.4V_{rms}

Load Impedance

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

Dimensions

Width 437mm (17.2")

Height 78mm (3.0")

Depth 273mm (10.8")

Weight..... 7.5kg (16.5lb)

Schematic diagram

Product manual