



Perreaux

Model: PMF2150

Date of Manufacture: 1979

Product Type: Stereo Power Amplifier

Power Output (*per channel into 8Ω*): $175W_{\text{rms}}$

Specifications:

Power Output

175W_{rms} minimum per channel both channels driven into 8Ω from 20Hz to 20kHz at no more than 0.015% Total Harmonic Distortion from 0.25W to rated output

Prior to clipping @ 1kHz 190W_{rms} into 8Ω
..... 240W_{rms} into 4Ω

Dynamic Headroom 1.5dB

Frequency Response

Rated output 10Hz -100kHz ±0.1dB

Total Harmonic Distortion

175W_{rms} into 8Ω from 20Hz to 20kHz < 0.015%

190W_{rms} into 8Ω at 1 kHz < 0.006%

225W_{rms} into 4Ω at 1 kHz < 0.04%

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

17.5W to rated output into 8Ω < 0.008%

1.75W to 17.5W into 8Ω < 0.005%

Rated power. Typically 0.005%

Hum and Noise 100dB below rated output 20Hz to 20kHz(110dBm)

Damping Factor

8Ω from 10Hz to 1kHz. > 200

Input Impedance 10kΩ

Input Sensitivity

Rated output at 1kHz 1.5V_{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

Transient Response 0.8μs

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

Slewing Rate 70V/μs

Dimension

Width 483mm (19.0")

Height 133mm (5.3")

Depth 338mm (13.3")

Weight 15.5kg (34.0lb)

Schematic diagram

Product manual