



# Perreaux

Model: PMF5150B

Date of Manufacture: 1983

Product Type: Stereo Power Amplifier

Power Output (*per channel into 8Ω*): 500W<sub>rms</sub>

## Specifications:

### Power Output

500W<sub>rms</sub> minimum per channel both channels driven into 8Ω from 20Hz to 20kHz at no more than 0.03% Total Harmonic Distortion from 0.25W to rated output.

**Amplifier Saturation** ..... 1.2kW continuous per channel into 8Ω

**Dynamic Headroom** (*with music*) ..... 2.5dB

**Voltage Swing** ..... 220V<sub>p-p</sub>

### Total Harmonic Distortion

Under any and all conditions prior to clipping ..... < 0.03%

**Intermodulation Distortion** ..... < 0.03%

### Bandwidth

At 1W ..... 10Hz-3MHz

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

**Rise Time** ..... Typically 1μs

**Frequency Response** ..... 20Hz-20kHz ±0.02dB

..... 10Hz-100kHz ±0.5dB

Unity gain ..... 3MHz

### Channel Separation

20Hz to 20kHz ..... > 60dB

### Hum and Noise

20Hz to 20kHz unweighted ..... 100dB below rated output

**Damping Factor** ..... > 200 from 10Hz-1kHz

**Input Impedance** ..... 10kΩ

### Input Sensitivity

For rated output at 1kHz ..... 1.5V<sub>rms</sub>

### Dimensions

Width ..... 480mm (19.0")

Height ..... 262mm (10.3")

Depth ..... 525mm (20.5")

Schematic diagram

Product manual