



Perreaux Power Amplifier Model PMF2150B

Full FTC specification 1974 including preconditioning and all other requirements of the rule.

200 watts minimum RMS per channel both channels driven into 8 ohms from 20 Hz to 20 kHz at no more than 0.009% total harmonic distortion from 0.25 watts to rated output.

400 watts RMS into 4 ohms.

Amplifier saturation 700 watts continuous (each channel) into 8 ohms.

DYNAMIC POWER OUTPUT

(Measured by 1 kHz Tone Bursts at 2ms ON and 16ms OFF).

Both channels driven into 8 ohms 356 watts RMS (Using Music Source).

Both channels driven into 8 ohms 400 watts RMS.

DYNAMIC HEADROOM

3 dB using Music Source.

2.5 dB using Tone Burst Source.

VOLTAGE SWING

164 volts peak to peak.

The above figures will assist in determining Perreaux's capability to deliver required wattage and voltage to a given loudspeaker. It is capable of delivering more current than any loudspeaker requires. For those that may require more wattage, the Perreaux's bridged power rating is greater than 600 watts continuous, 20 Hz to 20 kHz into 8 ohms.

DISTORTION

.009% THD and IM under any and all conditions prior to clipping.

The distortion is virtually all even order harmonic and will not become irritating even well into clipping.

PHASE RESPONSE

+1° at 20 Hz

-1° at 20,000 Hz

This phase accuracy is to present a proper soundstage in width and depth.

RISE TIME

Typically under 1 microsecond. This is the speed to which transients are responded.

SPECIFICATIONS



TIM DISTORTION

Below residual of our test equipment.

OPEN LOOP FREQUENCY RESPONSE

-6 dB at 120,000 Hz. This is the amplifier's frequency response to correction of the signal.

FREQUENCY RESPONSE

20 Hz to 20 kHz \pm 0.02 dB.

10 Hz to 100 kHz \pm 0.5 dB.

Unity gain at 3,000,000 Hz.

CHANNEL SEPARATION

60 dB or better 20 Hz to 20 kHz.

HUM AND NOISE

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

DAMPING FACTOR

Over 500 from 10 Hz to 1000 Hz.

Perreaux's damping factor is more than sufficient to control any loudspeaker. Higher damping figures can be achieved with more signal correction, which can decrease the amplifiers speed.

INPUT IMPEDANCE: 10K ohms.

This is in accordance with international standards. A low input impedance is provided to minimize interaction with interconnect cables.

INPUT SENSITIVITY

1.5 volts RMS for rated output at 1000 Hz.

DIMENSIONS

48 cm (W) x 18.5 cm (H) x 40 cm (D).

19" (W) x 7½" (H) x 15½" (D).

NOTE: Add 4.5 cm (1.5") depth for front handles.

WEIGHT

22 Kg. (48 lbs.)

All specifications subject to change without notice.