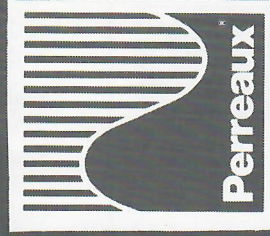


PERREAUX[®]

PMF 3150 HI-FI MOSFET POWER AMPLIFIER



Designed and Handcrafted for Performance,
Reliability and Outstanding Sonic Integrity.
Functionally Styled yet Classically Elegant.



Excellence in pursuit of perfection

FEATURES

The PMF 3150 is a power amplifier of the highest quality capable of delivering substantial power. It characterises the power and strength for dynamic attack with warmth, sweetness and pure tonal clarity, a rare combination of desirable qualities.

All components are hand selected and tested, gold plated input sockets and output terminals are used throughout.

POWER SUPPLY: The power supply consists of a large transformer (2kw) and high capacity custom made power supply capacitors. These features are primarily responsible for the peak to peak voltage swings which give the PMF 3150 its speed and dynamic performance.

THE CIRCUIT DESIGN: Although the PMF 3150 is one of the most powerful amplifiers available, it has no more components than an amplifier capable of less than half the power. This has been achieved through stringent design standards combined with careful selection of quality components allowing the elimination of extra devices and circuits that would normally be present to "prop up" less developed designs. By eliminating these superfluous electronic "undesirables" the Perreux circuitry does not introduce obstacles between the listener and the music.

THE POWER MOS FET: The power MOS FET is an inherently superior device, providing immense power and stability. The device as used in the Perreux design, generates virtually no undesirable distortion and remains self stabilising under the most difficult conditions. The power MOS FET continues to produce a pleasantly musical sound, even when driven to the limits of its power delivering capability. Through the use of the power MOS FET and superior circuit design the PMF 3150 requires no conventional output short circuit protection systems, which generate noise and distortion. Complete protection is afforded by the use of rail fuses.

The PMF 3150 has been aesthetically designed to blend into the home environment. It's incredible performance and reliability are the results of quality materials, solid construction and dedicated craftsmanship.

SPECIFICATIONS SUMMARY

POWER OUTPUT: 300 watts RMS per channel continuous, into 8 ohms, both channels driven, from 20Hz to 20KHz, at no more than 0.03% THD from 0.25 watts to rated output. : 500 watts RMS per channel continuous, into 4 ohms.

DISTORTION: 0.03% THD and IM.

DYNAMIC HEADROOM: 2dB or greater using music source.

AMPLIFIER SATURATION: Above 900 watts per channel into 8 ohms

VOLTAGE SWING: 180 volts, peak to peak.

MAXIMUM CURRENT OUTPUT: 10 amperes short duration continuous per channel, fuse limited.

UNCOMPENSATED BAND WIDTH: 0.5dB from 10Hz to 3,000,000 Hz at 1 watt.

PHASE RESPONSE: +2° at 20Hz, - 2° at 20KHz.

RISE TIME: Typically under 1.0 microsecond.

CHANNEL SEPARATION: 70dB or better, 20Hz to 20KHz.

HUM AND NOISE: 100dB below rated output, 20Hz to 20KHz. (unweighted).

DAMPING FACTOR: Over 400 from 10Hz to 1,000 Hz.

INPUT IMPEDANCE: 50K ohms.

DRIVER STAGE: Class A.

OUTPUT DEVICES: Extended Class AB.

DIMENSIONS: 483mm (19") wide. : 185mm (7'5") high. : 400mm (15") deep. +4.5cm (1½"). front handles.

WEIGHT: 23kg (50.6 lbs).

For a more detailed description of the Perreux 3150 please consult your dealer.



DISTRIBUTOR

An investment in design, style and craftsmanship

In line with development policy, specifications may change without notice. Please check with your dealer.

BR/PSP-1199

PERREAUX CORPORATION

AMPLIFIER SPECIFICATIONS DATA SHEET

PMF 3150

RATED POWER: 300 Watts per channel continuous driven into 8 ohms
500 Watts per channel continuous driven into 4 ohms

DISTORTION: 0.03% THD from 0.25 watts to rated power
0.03% IM

DYNAMIC HEADROOM: 2 dB or greater with music

AMPLIFIER SATURATION: 900 Watts or greater per channel into 8 ohms.

VOLTAGE SWING: 180 Volts peak to peak per channel.

OUTPUT CURRENT: Short duration continuous 10 amps per channel fuse limited.

RISE TIME: Typically less than 1 microsecond.

UNCOMPENSATED BANDWIDTH: 0.5 dB from 10 Hz to 3 MHz at 1 watt

CHANNEL SEPARATION: 20 Hz to 20 kHz, greater than 70 dB.

HUM & NOISE: 100 dB below rated output, 20Hz to 20kHz unweighted.

DAMPING FACTOR: Over 400 from 10 to 1000Hz.

INPUT SENSITIVITY: 1.5 Volts RMS for rated output at 1kHz

INPUT IMPEDANCE: 50K ohms.

QUIESCENT CURRENT: Nominal 350 milliamps.

RAIL VOLTAGE: 84 Volts nominal

20kHz SINEWAVE TEST/
DISTORTION NULL: 300 Watts into 8 ohm load
49 Volts RMS
0.03% THD

1 kHz SINE WAVE TEST: 300 Watts into 8 ohm load
49 Volts RMS
500 Watts into 4 ohm load
44.7 Volts RMS

NOISE TEST: 100 dB below rated output

FUSES: mains

100V-120VAC	3SB	10A	SLOW BLOW
200V-250VAC	3SB	5A	SLOW BLOW
Rail Fuse	3AG	5A	

DIMENSIONS: (W) 483 x (D) 400 x (H) 185 mm
19 x 15 x 7 1/2 in

WEIGHT: 23 Kg Nett (50.6 lbs)

SPECIFICATION AND DESIGN SUBJECT TO POSSIBLE MODIFICATION WITHOUT NOTICE.