



pm700

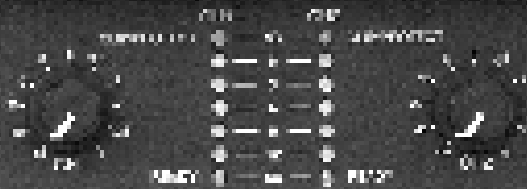
FEATURES

- 225W per channel into 8 ohms
350W per channel into 4 ohms
700W mono into 8 ohms
- XLR and 1/4" TRS input connectors
- Accepts balanced or unbalanced lines
- Multi-way Binding Post output connectors
- Independent 11 detent level controls for CH1 and CH2
- External Level Control Defeat Switch
- Dual Mono mode for operating both channels with a single mono input
- Bridged Mono mode for combining the power of both channels into a single higher powered channel
- Input sensitivity set at 1.5V RMS from factory. Internally configurable to 0.775V RMS
- Internally configurable input polarity
- Internal connection points for add-on accessories
- Power ON Sequencer
- Class H dual-rail power supply
- Independent CH1 / CH2 Speaker relays will instantaneously disconnect if one of the following fault conditions is detected:
 - D.C. Offset
 - Over Temperature
 - Short Circuit
- Additional protection circuitry includes:
 - Clipping Eliminator
 - AC Line Fuse
- Power Connected / Standby indicator
- 7 LED display per channel, including Power Ready and Clip / Protect indicators
- 2-speed Fan cooled
- 70-volt / 100-volt transformer option
- CE 1997 approved

NEXT



ARVER



pm700
pm950

SPECIFICATIONS

BACK

Power Output:: (20Hz to 20kHz, with no more than 0.1% THD)
 225 watts per channel into 8 ohms
 350 watts per channel into 4 ohms
Bridged-mono:
 700 watts into 8 ohms at 1kHz, with no more than 0.1% THD

Dynamic Headroom: >2.0dB

Frequency Response: 20Hz to 20kHz (± 0.75 dB)

Channel Separation: >65dB @ 1kHz

Damping Factor: <400

Input Impedance: 25 Kohms unbalanced
 50 Kohms balanced

Sensitivity: Low: 1.5 VRMS for rated power into 4 ohms
 160mVRMS for 1W into 4 ohms
 High: 0.775VRMS for-rated power into 4 ohms
 83mVRMS for 1W into 4 ohms;

Gain: High: 33.8dB (± 0.5 dB)
 Low: 27.8dB (± 0.5 dB)

Input Overload: +18dB

THD: <0.1%

IM Distortion: <0.1%

Signal-to-Noise Ratio: >100 dB, A-weighted, ref. to rated power into 4 ohms

Slew Rate: 40V/ μ S
 (Bandwidth limited)

CMRR: >80dB @ 1kHz

Power Consumption: 55W at idle; 500W with musical program;
 1000W at full power into 8 ohms (continuous); 1550W at full power into 4 ohms (continuous)

Power Requirements: 120VAC / 60Hz (USA and Canada) Other voltages as required for export

Fusing: 10 amp slo-blo (120V / 60Hz) 7 amp slo-blo (230V / 50Hz)

Sequence Receive Terminal: +7V to +15V DC
 50mA min. current requirement

Display: 7 LED indicators per channel
 1 green READY, 5 yellow SIGNAL, 1 red CLIP / PROTECT

Size (H x W x D): 3.50" (2U) x 19" x 13.25" 89mm x 483mm x 337mm

Net Weight: 30 lbs. (13.6 kgs)

Shipping Weight: 36 lbs. (16.3 kgs)

Due to on-going product development, features, specifications, and availability are subject to change without notice.