PA 1.5

PA Series range of high-power amplifiers

DESCRIPTION :

The PA 1.5 is a PA Series range of high-power amplifiers built to have outstanding sound quality, excellent power efficiency & guaranteed operational reliability .

The amplifiers are using two types of power supplies, the switch mode power supply allows operation on voltages as Low as 130V, at the same time Linear Power Supply gives a punch packed performance !

FEATURES :

- Professional high-power amplifiers.
- Input: Balanced XLR and 1/4" Stereo Jack.
- 3 switchable operational modes: Stereo, Mono & Bridge.
- High quality glass epoxy, double-sided PTH PCB's & high-grade components ensures reliability in even tough ambient environs.
- High-current toroidal transformers with high-grade cores for greater transient response & low-noise even at 2 Ohms.
- 41-detent rotary volume knobs.
- Mute, Signal, Clip and fault LED indicators assists you to monitor performance.
- Intelligent cooling using low-noise variable speed fans & direct mounted over-designed heat-sinks.
- Sensitivity (0dB or+4 dB) selection switch allows flexibility in connection of input sources.
- Switchable Low-cut switch for protection & tight-low end performance.
- Switchable Limiter Switch to protects speakers from damage due to distorted input signals.
- Rated for 2 Ohms operation.

SPECIFICATIONS :

Series	P Series
2 Ohm (True RMS),20Hz-20kHz,1% THD	2 x 800 W
2 Ohm (EIA), 1kHz , 1%THD	2 x 1225 W
4 Ohm (True RMS),20Hz-20kHz,1% THD	2 x 650 W
4 Ohm (EIA), 1kHz , 1%THD	2 x 1012 W
8 Ohm (True RMS),20Hz-20kHz,1% THD	2 x 350 W
8 Ohm (EIA), 1kHz , 1%THD	2 x 595 W
4 Ohm (True RMS),20Hz-20kHz,1% THD	1600 W

4 Ohm (EIA), 1kHz , 1%THD	2450 W
8 Ohm (T rue RMS),20Hz-20kHz,1% THD	1300 W
8 Ohm (EIA), 1kHz , 1%THD	2025 W
Damping factor (8 Ohm)	> 200 :1
Frequency Response	20Hz - 20kHz (±0.5dB)
Protection Devices	Temperature, DC, RFI Short Circuit, Soft-Start, Over load
Input Connector (Per CH.)	XLR, 1/4" TRS Jack
Output Connector (Per CH.)	Speakon Connector
Dimensions (WxDxH)mm	482 x 455 x 88 (2U)
Net Weight (Kgs.)	18

Specifications from the official SM Professional literature. Issued for customer reference.