

## PA 7.5

### PA series range of high-power amplifiers

#### DESCRIPTION :

The PA 7.5 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-current toroidal transformers with high-grade cores for greater transient response & low-noise even at 2 Ohms.
- High quality glass epoxy, double-sided PTH PCB's & high-grade components ensures reliability in even tough ambient environs.
- 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.
- 41-detent rotary volume knobs.
- Mute, Signal, Clip and fault LED indicators assists you to monitor performance.
- Rated for 2 Ohms operation.

#### SPECIFICATIONS :

| Series                             | P Series   |
|------------------------------------|------------|
| 2 Ohm (True RMS),20Hz-20kHz,1% THD | 2 x 3750 W |
| 2 Ohm (EIA), 1kHz , 1%THD          | 2 x 6400 W |
| 4 Ohm (True RMS),20Hz-20kHz,1% THD | 2 x 2600 W |
| 4 Ohm (EIA), 1kHz , 1%THD          | 2 x 3600 W |
| 8 Ohm (True RMS),20Hz-20kHz,1% THD | 2 x 1550 W |
| 8 Ohm (EIA), 1kHz , 1%THD          | 2 x 1800 W |
| 4 Ohm (True RMS),20Hz-20kHz,1% THD | 7500 W     |

|                                     |                                                           |
|-------------------------------------|-----------------------------------------------------------|
| 4 Ohm (EIA), 1kHz , 1%THD           | 12800 W                                                   |
| 8 Ohm (T rue RMS),20Hz-20kHz,1% THD | 5200 W                                                    |
| 8 Ohm (EIA), 1kHz , 1%THD           | 7225 W                                                    |
| Damping factor (8 Ohm)              | > 400 :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 570 x 130 (3U)                                      |
| Net Weight (Kgs.)                   | 40                                                        |

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