

PA 10.0

DESCRIPTION :

The PA series is our flagship range of high-power amplifiers built to have outstanding sound quality, excellent power efficiency, and guaranteed operational reliability.



FEATURES :

- Professional-grade high-power stereo amplifier.
- High-current toroidal transformers with high-endurance cores for greater transient response and low-noise even at 2Ohm.
- High-quality glass epoxy, double-sided PTH PCBs, and high-grade components ensure reliability even in tough ambient environs.
- Intelligent cooling using low-noise variable speed fans and direct-mounted heatsinks for optimal heat dissipation.
- Sensitivity selectable between 0dB or +4dB for flexibility in connection of input sources.
- Low THD and high damping factor for excellent sound quality.
- Switchable low-cut for protection and a tight low-end performance.
- The Limiter switch provided protects the speakers from damage due to distorted input signals.
- 41-detent rotary volume control knobs.
- 3 switchable operational modes: stereo, mono, and bridge.
- Audio-grade balanced XLR and 14" stereo jack input connectors.
- High-performance Speakon output connectors.
- On, mute, signal, limiter, and temperature LED indicators assists in monitoring performance.
- Rated for stable 2Ohm operation.

SPECIFICATIONS :

2 Ohm (True RMS), 20Hz-20kHz, 1% THD	2 x 5000 W
2 Ohm (EIA), 1kHz, 1%THD	2 x 7300 W
4 Ohm (True RMS), 20Hz-20kHz, 1% THD	2 x 3100 W
4 Ohm (EIA), 1kHz, 1%THD	2 x 4200 W
8 Ohm (True RMS), 20Hz-20kHz, 1% THD	2 x 1900 W
8 Ohm (EIA), 1kHz, 1% THD	2 x 2200 W
4 Ohm (EIA), 1kHz , 1% THD	13800 W
8 Ohm (True RMS), 20Hz-20kHz,1% THD	6200 W

8 Ohm (EIA), 1kHz , 1% THDx	8100 W
Damping Factor (8 Ohm)	>400:1
Frequency Response	20Hz-20kHz (± 0.5dB)
Protection	Temperature, DC, RFI, Short Circuit, Soft-Start, and Overload
Input Connector (Per Channel)	XLR and 14" TRS Jack
Output Connector (Per Channel)	Speakon
Dimension (W x D X H) mm	482 x 595 x 133
Net Weight (Kg)	45

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