

XPA 30

high power amplifier

DESCRIPTION :

The SM Professional XPA 30 is a high power amplifier with a Thermal Management System (TMS) - our innovative temperature-controlled gain variation technology integrated into the circuitry.



FEATURES :

- Professional-grade high-power stereo amplifier.
- Features Thermal Management System (TMS) - innovative temperature-controlled gain variation technology.
- Ultra-functional EQ Processing, Low Cut, and Subwoofer with crossover selection options.
- High-quality balanced XLR and 1/4" stereo jack input connectors.
- 3 switchable operational modes: stereo, mono, and bridge.
- High-current toroidal transformers with high-endurance cores for greater transient response and low-noise even at 20ohm.
- Sensitivity (0.775V or 1.2V) selection switch allows flexibility in connection of input sources.
- Limiter switch provided to protect speakers from damage due to distorted input signals.
- Responsive rotary volume control knobs.
- Low THD and high damping factor for excellent sound quality.
- 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 over-designed heatsinks.

SPECIFICATIONS :

Series	XPA Series
Power Output	1000W-1500W
2 Ohm (True RMS),20Hz-20kHz,1% THD	2 x 1500 W
2 Ohm (EIA), 1kHz , 1%THD	2 x 2200 W
4 Ohm (True RMS), 20Hz-20kHz, 1% THD	2 x 1100 W
4 Ohm (EIA), 1kHz, 1%THD	2 x 1680 W
8 Ohm (True RMS), 20Hz-20kHz, 1% THD	2 x 700 W
8 Ohm (EIA), 1kHz, 1% THD	2 x 900 W
40hm (True RMS), 20Hz - 20kHz, 1% THD	3000 W

8Ohm (True RMS), 20Hz- 20kHz, 1% THD	2200 W
Damping factor (8 Ohm)	>400:1
Frequency Range	20Hz-20kHz ($\pm$ 0.5dB)
Protection	Temperature, DC, RFI, short circuit, soft-start, overload
Input Connector (Per Channel)	XLR, 1/4" TRS Jack
Output Connector (Per Channel)	Speakon and Binding Post
Dimension (W x D X H) mm	482 x 515 x 133 (3U)
Net Weight (Kg)	30

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