

## XPA 60

### high power amplifier

#### DESCRIPTION :

The SM Professional XPA 60 is a high power amplifier with a Thermal Management System (TMS) - our innovative temperature-controlled gain variation technology integrated into the circuitry.??

Heat kills amplifiers and its parts.



#### FEATURES :

- Professional-grade high-power stereo amplifier.
- High-quality balanced XLR and ¼" stereo jack input connectors.
- 3 switchable operational modes: stereo, mono and bridge
- Innovative Thermal Management System (TMS) with temperature-controlled gain variation for optimal thermal protection and uninterrupted sonic performance.
- toroidal transformers with high-endurance cores for greater transient response and low-noise even at 2 Ohms.
- Sensitivity (0.775V or 1.2V) selection switch allows flexibility in connection of input sources.
- Limiter switch provided protects the 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 |
|--------------------------------------|------------|
| 2 Ohm (True RMS), 20Hz-20kHz, 1% THD | 2 x 3000 W |
| 2 Ohm (EIA), 1kHz, 1%THD             | 2 x 5600 W |
| 4 Ohm (True RMS), 20Hz-20kHz, 1% THD | 2 x 2000 W |
| 4 Ohm (EIA), 1kHz, 1%THD             | 2 x 3100 W |
| 8 Ohm (True RMS), 20Hz-20kHz, 1% THD | 2 x 1300 W |
| 8 Ohm (EIA), 1kHz, 1%THD             | 2 x 1700 W |
| 4 Ohm (True RMS), 20Hz-20kHz,1% THD  | 6000 W     |
| 8 Ohm (True RMS), 20Hz-20kHz,1% THD  | 4000 W     |

|                                |                                                           |
|--------------------------------|-----------------------------------------------------------|
| Damping Factor (8 Ohm)         | > 400 : 1 (@ 8Ohm)                                        |
| Frequency Range                | 20Hz-20kHz ( $\pm$ 0.5dB)                                 |
| Protection                     | Temperature, DC, RFI, short circuit, soft-start, overload |
| Input Connector (Per Channel)  | XLR, jack stereo 6.3mm                                    |
| Output Connector (Per Channel) | Speakon and Binding Post                                  |
| Dimensions (W x D x H) mm      | 484 x 575 x 133 (3U)                                      |
| Net Weight (Kg)                | 37                                                        |

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