

DH 64

4 channel digital hybrid power amplifier



FEATURES :

- 10 balanced Inputs & Outputs.
- Innovative "Tracking Class D" (TD) circuit design to deliver high drive, definition and dependability.
- High-current toroidal transformers with high-endurance cores for superior transient response.
- 3 switchable operational modes: stereo, parallel, and bridge.
- Low THD and high damping factor for excellent sound quality.
- Built-in limiter circuit for speaker protection from damage due to distorted input signals.
- Protection devices: temperature, VHF, DC, short circuit, soft-start and overload.
- Intelligent cooling and heat dissipation using dual variable speed CFM fans.
- 3-colour LED bargraph to indicate power ON, signal (5-segments), limit and protect status.
- Audio-grade balanced XLR input connectors.
- High-performance Speakon output connectors.
- Wide mains voltage operation 150-240V AC.
- Minimum wiring and standardised layout for easy serviceability.

SPECIFICATIONS :

40hm (True RMS), 20Hz-20kHz, 1% THD	4 x 1200W
80hm (True RMS), 20Hz-20kHz, 1% THD	4 x 900W
80hm (True RMS), 20Hz-20kHz, 1% THD	2400W
Frequency Response	20Hz-20kHz (± 0.5 dB)
THD+N @ Rated Power, 40hm Load, Single Channel	< 0.1%
Signal to Noise Ratio	< 100dB
Crosstalk	< 70dB @ 1kHz
Input Impedance	20KOhm Balanced, 10KOhm Unbalanced
Damping Factor (80hm)	>400:1
Protection	Temperature, VHF, DC, Short Circuit, Soft-Start, and Overload
Input Connector (Per Channel)	XLR
Output Connector (Per Channel)	Speakon
Dimensions (W x D x H) mm	483 x 420 x 132 (3U)

Net Weight (Kg) 30

Series DH Series

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