DQX4-4000

4X 1000W @ 8OHM, 1 RACK UNIT DIGITAL POWER AMPLIFIER WITH DSP & PFC

The Studiomaster DQX is a compact, high-efficiency digital power amplifier designed for professional audio applications. It combines advanced DSP technology with robust power output, making it ideal for various installation and rental scenarios. Designed to deliver high performance and reliability, making it a cost-effective solution for demanding audio environments.

At 2-ohm operation, DQX4-4000 will supply up to 4 x 2890 watt, making these amplifiers supply extremely high performance, and provide cost effective solutions for multiple install and rental applications, for example line array systems.

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19" Rack Standard Class-D DSP Eco Friendly

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PRODUCT DETAILS

KEY FEATURES

- 4 Channels, 1x 19” Rack Unit
- 2-ohm Reliable Operation in Single Channel
- DSP OPERATION use with 3.3? screen or Ethernet connection
- Multiple Modes Stereo, Parallel and Bridge modes
- Line Array designed for Install/Rental Systems
- Powerful Designed to Power Large Systems
- Multiple Gain Modes to work with any system
- PFC Universal 90-250V Operation with Power Factor Correction
- Variable Speed Fan Cooling for Reliable Long-Term Operation

SPECIFICATIONS

Rated power* 8ohm/Stereo	4 x 1000W
Rated power* 4ohm/Stereo	4 x 1700W
Rated power* 2ohm/Stereo	4 x 2890W
Rated power* 16ohm/Bridge	2 x 2000W
Rated power* 8ohm/Bridge	2 x 3400W
Rated power* 4ohm/Bridge	2 x 5780W
*** Rated Powers measure**	THD=1%, continuous sine 1kHz, each channel working simultaneously
RMS output voltage (THD=1%,1kHz)	72.1V

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Slope (1kHz, bypass LPF)	50V/us
Input sensitivity (rated output power, 1kHz)	38dB, 35dB, 32dB, 29dB Options
THD+N (10% rated output power)	0.01%
IMD-SMPTE (10% rated output power)	0.01%
DIM30 (10% rated output power)	0.01%
Crosstalk rejection (less than rated power, 20Hz-1 kHz)	?90 dB
Frequency response (10% rated output power, 8ohm, 20Hz-20kHz)	±0.2dB
Input impedance	20kohm (Bal.), 10kohm (Unbal.)
Damping factor, 8ohm, 20Hz-200Hz)	?300
S/N ratio (A weighted, 20Hz-20kHz)	?109 dB
Power supply	90-260 VAC, 50-60 Hz
Protection	Low voltage/DC output/thermal/over load protection
Dimension (W×H×D)	483×44×370mm
Net weight	9 kg

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