

DQX 1U digital power amplifiers

The new DQX series, using the same amplifier and power supply platform as the QX series, feature a high quality DSP, with high precision and dynamic AD/DA converters and an informative 3.3" HD LCD screen. Real time monitoring is available both via the screen or via RS-485 connections, with support for receiving AES digital audio signals.

Additional features include active power factor correction (PFC) and ultra reliable soft power switching power supply which will operate universally between 90-250VAC.

The DQX series, are all 1U height lightweight designs, weighing less than 13kg. Both 2 and 4 channel versions are available, giving power ratings from 2550 watts per channel up to 5100 watts per channel at 4 ohms at over 95% efficiency.

At 2 ohm operation, the flagship DQX4-8000 will supply up to 4 x 5780 watts, making these amplifiers supply extremely high performance, and provide cost effective solutions for multiple install and rental applications, for example line array systems.



- 9 models with 2 and 4 channel versions
- universal 90-250V operation with PFC
- operates down to 2 ohms
- variable speed fan cooling
- DSP operation with 3.3" screen
- multiple gain modes
- stereo/parallel/bridge modes
- power up to 4 x 3400W

SPECIFICATIONS DQX SERIES

		DQX2 1300	DQX2 2000	DQX2 3000	DQX2 4000	DQX2 6000	DQX4 2600	DQX4 4000	DQX4 6000	DQX4 8000
Rated power(THD=1%, continuous sine 1kHz, each channel working simultaneously)	8Ω/stereo	2×650W	2×1000W	2×1500W	2×2000W	2×3000W	4×650W	4×1000W	4×1500W	4×2000W
	4Ω/stereo	2×1100W	2×1700W	2×2550W	2×3400W	2×5100W	4×1100W	4×1700W	4×2550W	4×3400W
	2Ω/stereo	2×1870W	2×2890W	2×3570W	2×4760W	2×7140W	4×1870W	4×2890W	4×3570W	4×4760W
	16Ω/bridge	1×1300W	1×2000W	1×3000W	1×4000W	1×6000W	2×1300W	2×2000W	2×3000W	2×4000W
	8Ω/bridge	1×2200W	1×3400W	1×5100W	1×6800W	1×10200W	2×2200W	2×3400W	2×5100W	2×6800W
	4Ω/bridge	1×3740W	1×5780W	1×7140W	1×9520W	1×14280W	2×3740W	2×5780W	2×7140W	2×9520W
RMS output voltage (THD=1%,1kHz)		72.1V	89.4V	109.5V	126.5V	154.9V	72.1V	89.4V	109.5V	126.5V
Slope(1kHz, bypass LPF)		50V/us								
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, 20 Hz ~1 kHz)		≥90 dB								
Frequency response(10% rated output power, 8Ω, 20Hz~20 kHz)		±0.3dB								
Input impedance		20kΩ(bal) , 10kΩ(unbal)								
Damping factor, 8Ω, 20Hz~200Hz)		≥5000								
S/N ratio (A weighted, 20Hz~20kHz)		≥107dB	≥109dB	≥110dB	≥112dB	≥115dB	≥107dB	≥109dB	≥110dB	≥112dB
Power supply		90~260VAC, 50~60 Hz								
protection		Low voltage/DC output/thermal/over load protection								
Dimension (W×H×D)		483×44×370mm			483×44×465mm	483×44×370mm		483×44×465mm		
Net weight		9kg	9kg	9kg	9kg	12kg	9kg	9kg	12kg	12kg



INSTALL AMPLIFICATION