

QX Series

1U digital power amplifiers

The QX series digital power amplifiers, all models featuring advanced amplifier adjustment technology to give over 95% efficiency, and stable performance at high current, low impedance conditions.

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

The QX series, are all 1U height lightweight designs, weighing less than 12kg. Both 2 and 4 channel versions are available, giving power ratings from 1100 watt per channel up to 5100 watt per channel at 4 ohm.

At 2 ohm operation, the flagship QX4-8000 will supply up to 4 x 4760 watt, making these amplifiers supply extremely high performance, and provide cost effective solutions for multiple install and rental applications, for example line array systems.

Rear Panel



KEY Features

- 9 MODELS with 2 and 4 channel versions
- 2 OHM reliable operation in single channel or bridged modes
- POWERFUL designed to power large systems
- MULTIPLE GAIN modes to work with any system
- MULTIPLE MODES stereo, parallel and bridge modes
- LINE ARRAY designed for install/rental systems
- PFC universal 90-250V operation with power factor correction
- VARIABLE speed fan cooling for reliable long term operation

Specification

	QX2 1300	QX2 2000	QX2 3000	QX2 4000	QX2 6000	QX4 2600	QX4 4000	QX4 6000	QX4 8000	
Rated power (EIAJ THD=1%, 1kHz, 2 CH working simultaneously)	8 ohm / stereo	2 x 650W	2 x 1000W	2 x 1500W	2 x 2000W	2 x 3000W	4 x 650W	4 x 1000W	4 x 1500W	4 x 2000W
	4 ohm / stereo	2 x 1100W	2 x 1700W	2 x 2550W	2 x 3400W	2 x 5100W	4 x 1100W	4 x 1700W	4 x 2550W	4 x 3400W
	2 ohm / stereo	2 x 1870W	2 x 2890W	2 x 3570W	2 x 4760W	2 x 7140W	4 x 1870W	4 x 2890W	4 x 3570W	4 x 4760W
	16 ohm / bridged	1 x 1300W	1 x 2000W	1 x 3000W	1 x 4000W	1 x 6000W	2 x 1300W	2 x 2000W	2 x 3000W	2 x 4000W
	8 ohm / bridged	1 x 2200W	1 x 3400W	1 x 5100W	1 x 6800W	1 x 10200W	2 x 2200W	2 x 3400W	2 x 5100W	2 x 6800W
	4 ohm / bridged	1 x 3740W	1 x 5780W	1 x 7140W	1 x 9520W	1 x 14280W	2 x 3740W	2 x 5780W	2 x 7140W	2 x 9520W
100V Hi-Z	/	/	2 x 2500W	2 x 3400W	2 x 5000W	/	/	4 x 2500W	4 x 3400W	
70V Hi-Z	2 x 1100W	2 x 1700W	2 x 2400W	2 x 2400W	2 x 2400W	4 x 1100W	4 x 1700W	4 x 2400W	4 x 2400W	
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									
Input sensitivity(rated output power, 1kHz)	Option: 38dB, 35dB, 32dB, 29dB									
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-1kHz)	≥90 dB									
Frequency response (10% rated output power, 8 ohm, 20Hz-20kHz)	±0.2dB									
Input impedance	20k ohm(bal), 10k ohm(unbal)									
Damping factor(8 ohm, 20Hz-100Hz)	≥300									
S/N ratio (A weighted, 20Hz-20kHz)	≥108dB	≥109dB	≥110dB	≥112dB	≥115dB	≥108dB	≥109dB	≥110dB	≥112dB	
Power supply	90-260VAC, 50-60 Hz									
Protection	Low voltage/DC output/thermal/over load protection									
Dimension(W × H × D)(mm)	483×44×323				483×44×465		483×44×370		483×44×465	
Net Weight	9kg	9kg	9kg	9kg	12kg	9kg	9kg	12kg	12kg	