

HX 1U digital power amplifiers

The HX series, are ultra lightweight, compact, yet packed with high performance power ratings and features and available in eight models.

All models feature comprehensive protection and status indicators, and are available in 2 and 4 channel variants offering from 2 x 225 watts at 4 ohms up to 4 x 765 watts.

The HX series are all 1U size, with power factor correction (PFC), universal power supplies which will operate between 90-250VAC, and will perform at loads down to 2 ohms.

For demanding installation, conference, entertainment and smaller touring and rental applications the new HX series will supply the performance, power and reliability you need in a compact, affordable package.



8 models with 2 and 4 channel versions universal 90-250V operation with PFC operates down to 2 ohms variable speed fan cooling multiple gain modes status and protection indicators stereo/parallel/bridge modes

SPECIFICATIONS HX SERIES

	HX2-300	HX2-500	HX2-700	HX2-900	HX4-600	HX4-1000	HX4-1400	HX4-1800
Rated power(EIAJ THD=1%,1kHz, 2 CH working simultaneously)	8Ω/ stereo	2×150W	2×250W	2×350W	2×450W	4×150W	4×250W	4×350W
	4Ω/ stereo	2×255W	2×425W	2×595W	2×765W	4×255W	4×425W	4×595W
	2Ω/ stereo	2×435W	2×725W	2×1015W	2×1300W	4×435W	4×725W	4×1015W
	16Ω/ bridged	300W	500W	700W	900W	2×300W	2×500W	2×700W
	8Ω/ bridged	510W	850W	1190W	1530W	2×510W	2×850W	2×1190W
	4Ω/ bridged	870W	1450W	2030W	2600W	2×870W	2×1450W	2×2030W
RMS output voltage(THD=1%,1kHz)		34.6V	44.7V	52.9V	60.0V	34.6V	44.7V	52.9V
Voltage gain		30.8dB	33.0 dB	34.5 dB	35.6 dB	30.8dB	33.0 dB	34.5 dB
Slope(1kHz, bypass LPF)		50V/us				50V/us		
Input sensitivity(rated output power ,1kHz)		1Vrms				1Vrms		
THD+N (10% rated output power ,)		0.02%	0.02%	0.02%	0.02%	0.02%	0.02%	0.02%
IMD-SMPTE(10% rated output power ,)		0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%
DIM30(10% rated output power ,)		0.05%	0.05%	0.05%	0.05%	0.05%	0.05%	0.05%
Crosstalk rejection (less than rated power , 20 Hz -1 kHz)		≥80 dB				≥80 dB		
Frequency response(10% rated output power , 8Ω, 20Hz - 20 kHz)		±0.2dB				±0.2dB		
Input impedance		20kΩ(bal) , 10kΩ(unbal)				20kΩ(bal) , 10kΩ(unbal)		
Damping factor(8Ω, 20 Hz -100 Hz)		≥300				≥300		
S/N ratio (A weighted , 20Hz-20kHz)		≥105dB				≥105dB		
Power supply		90-260VAC, 50/60 Hz				90-260VAC, 50/60 Hz		
protection		over load/thermal/DC output protection				over load/thermal/DC output protection		
dimension(W×H×D)		483×44×323mm				483×44×323mm		
Net weight		5.0kg				5.7kg		

QX 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 2550 watts per channel up to 5100 watts per channel at 4 ohms.

At 2 ohm operation, the flagship QX4-8000 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 multiple gain modes status and protection indicators stereo/parallel/bridge modes power up to 4 x 3400W

SPECIFICATIONS QX SERIES

		QX2 1300	QX2 2000	QX2 3000	QX2 4000	QX2 6000	QX4 2600	QX4 4000	QX4 6000	QX4 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								
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 , 20 Hz ~1 kHz)		≥90 dB								
Frequency response(10% rated output power , 8Ω, 20Hz~20 kHz)		±0.2dB								
Input impedance		20kΩ(bal) , 10kΩ(unbal)								
Damping factor, 8Ω, 20Hz~200Hz)		≥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)		483×44×370mm				483×44 ×465mm	483×44×370mm		483×44×465mm	
Net weight		9kg	9kg	9kg	9kg	12kg	9kg	9kg	12kg	12kg