

HX Series

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 watt at 4 ohm up to 4 x 765 watt.

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 ohm.

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.

Rear Panel



KEY Features

- 8 MODELS with 2 and 4 channel versions
- 2 OHM reliable operation in single channel or bridged modes
- XLR balanced XLR inputs
- MULTIPLE GAIN modes to work with any system
- MULTIPLE MODES stereo, parallel and bridge modes
- RELIABILITY designed for reliability in multiple applications
- PFC universal 90-250V operation with power factor correction
- VARIABLE speed fan cooling for reliable long term operation

Specification

		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)	8 ohm / stereo	2 x 150W	2 x 250W	2 x 350W	2 x 450W	4 x 150W	4 x 250W	4 x 350W	4 x 450W
	4 ohm / stereo	2 x 255W	2 x 425W	2 x 595W	2 x 765W	4 x 255W	4 x 425W	4 x 595W	4 x 765W
	2 ohm / stereo	2 x 435W	2 x 725W	2 x 1015W	2 x 1300W	4 x 435W	4 x 725W	4 x 1015W	4 x 1300W
	16 ohm / bridged	300W	500W	700W	900W	2 x 300W	2 x 500W	2 x 700W	2 x 900W
	8 ohm / bridged	510W	850W	1190W	1530W	2 x 510W	2 x 850W	2 x 1190W	2 x 1530W
	4 ohm / bridged	870W	1450W	2030W	2600W	2 x 870W	2 x 1450W	2 x 2030W	2 x 2600W
RMS output voltage(THD=1%, 1kHz)		34.6V	44.7V	52.9V	60.0V	34.6V	44.7V	52.9V	60.0V
Voltage gain		30.8dB	33.0dB	34.5dB	35.6dB	30.8dB	33.0dB	34.5dB	35.6dB
Slope(1kHz, bypass LPF)		50V/us							
Input sensitivity(rated output power, 1kHz)		1Vrms							
THD+N (10% rated output power)		0.02%							
IMD-SMPTE(10% rated output power)		0.05%							
DIM30(10% rated output power)		0.05%							
Crosstalk rejection (less than rated power, 20Hz-1kHz)		≥80 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)		≥105dB							
Power supply		90-260VAC, 50/60Hz							
Protection		over load/thermal/DC output protection							
Dimension(W × H × D)		483 x 44 x 323mm							
Net Weight		5.0kg				5.7kg			