

HPX2400

Stereo power amplifier 2 x 1200 W at 2 ohm with selectable LPN filter

Description

With the combination of efficient CLASS H power stages and a reliable switching power supply, the HPX2400, can deliver 2400 watts total at 2 ohm load making it a very convenient source of power in even the most demanding sound reinforcement applications. Light-weight and easily manageable, the HPX series amplifiers offer practicality as one of their primary features. Their switching mode power supplies and efficient cooling systems make them particularly suited for use in compact and portable systems and, at the same time, make them reliable and durable even after years of intense use. A selectable LPN (low-pass notch) filter allows for improved low-frequency response, guaranteeing more punch and greater dynamics, while simultaneously protecting the connected speakers from over-exursion. The front panel, which offers convenient, die-cast handles and a removable dust filter, provides a comprehensive system of LED status indicators and indexed level controls.

Technical Specifications HPX2400

Power 8 ohm *	450 W
Power 4 ohm *	800 W
Power 2 ohm **	1200 W
Power BRIDGE 8 ohm *	1600 W
Power BRIDGE 4 ohm **	2400 W
Output Stage	2-tiers Class H
Frequency response (+0/-0.5 dB)	20 Hz - 20 KHz
Input Sensitivity (nominal)	+0.8 dBu / 0.85 Vrms
Input Sensitivity (fixed gain)	+5.8 dBu / 1.51 Vrms
GAIN (nominal/fixed)	37 dB (71x) / 32 dB (40x)
Input Connectors / Impedance	XLR M, 1/4" JACK, RCAÂ / 20 Kohm (balanced), 10 Kohm (unbalanced)
Output Connectors	SPEAKON and Binding Post
Damping Factor	> 200
Slew Rate	> 20 V/uS
S/N Ratio (unweighted)	> 90 dB
THD+N	
Controls	INPUT LEVEL, INPUT SENSITIVITY, STEREO/BRIDGE/PARALLEL, LOW PASS NOTCH (LPN), GND LIFT



LED Indicators POWER, ON, PARALLEL, BRIDGE, SIGNAL, LIMIT, PROTECT

Cooling Variable speed DC fan

Protections AC low power, DC, thermal, short circuit, VHF, CLIP limiter

Mains Supply Voltage 230 VAC ($\pm 10\%$) 50/60 Hz or 120VAC ($\pm 10\%$) 50/60 Hz

Maximum Consumption 1180 VA

Rated Consumption *** 290 VA

Standby Consumption 3.5 VA

Dimensions (W x H x D) 483 x 89 x 395 mm

19" x 3.5" x 15.6"

Weight 9.2 Kg (20.3 lb)

* RMS both channel THD \hat{A}

** 40 ms burst \hat{A}

*** Rated consumption is measured with pink noise with a crest factor of 12 dB, this can be considered a standard music program