

# PXA8000

## PX Power Rack



### TECHNICAL SPECIFICATIONS



- 4 Channel digital amplifier
- Full function DSP
- Lightweight
- Perfectly integrated with PX cabinets

### OVERVIEW

Perfectly integrated, the system Power Rack, the PXA8000, is the heart of the system. Composed by a very powerful 8400W 4-Channel power amplifier with switching power supply and a DSP based audio processor, this power rack is capable of drive a very wide range of rig configurations with absolute reliability and ample headroom.

Employing Class H technology, the 2U system power amplifier boasts a state-of-the-art switching power supply and weighs a mere 12 Kg.

With the power amp working at optimal efficiency, little power is wasted and the need for heat dissipation is reduced, all of which contributes to long-term reliability with total output power of 4 x 2100W into 4, two PXH64 Mid/High Speaker and four PXL118 Bass Speaker can be driven with extreme operational reliability, sonic quality and economy.

The DSP audio processor unit protects controls and optimizes the entire system.

All the necessary signal processing — including equalization, crossover filters, lo-cut filter, delays and limiters are pre-configured at the factory for: plug in, play, and enjoy the astonishing sound!

Technical Data	
Type:	4-Channel PX System Power Rack
Amplifier Module	
Amplifier Technology:	SMPS Class H, 4 channels Amplifier
Cooling:	Temperature Controlled Internal Fans
Average Efficiency:	80%
Total Output Power:	8400Wrms
MF Section Output Power:	2100Wrms/4 (processor limited to 1600Wrms)
HF Section Output Power:	2100Wrms/4 (processor limited to 320Wrms)
Controller:	24 bit/48kHz 4 channel DSP
Digital Crossover:	160Hz/1200Hz, 24dB/oct L-R
System Presets:	2 Factory Preset, 28 free Preset memories
PC Control:	Real time via USB and supplied software
DSP Adjustable Parameters:	Parametric Eqs, HPF, LPF, Delay, Limiters, Polarity, Gain
AC Operating Voltage:	175 - 265Vac, 50 - 60Hz
Nominal Power Consumption:	2300W (10A)
Mains Connector:	Neutrik Powercon
LF1 Section Output Power:	2100Wrms/4
LF2 Section Output Power:	2100Wrms/4
Enclosure	
Construction:	15mm Multi-Laminate Birch Ply
Finish:	Textured Black Semi-Matte Coating
Protective grill:	Black Perforated Steel
Fittings:	12 x M8 for Optional Rigging/Tilt System
Handles:	1 on Each Side
Dimensions (WxHxD):	600 x 182 x 641 mm
Net Weight:	29.3 kg
Shipping Weight:	31.4 kg