MA3200

2U Professional Power Amplifier



- Calibrated input attenuators
- Signal present, Maximum power and Protection
- 35mm TRS jack paralleled balanced inputs
- Mode selector (Parallel, Stereo or Bridge)
- Anti-clipping compressor and Earth-lift switches

OVERVIEW

The supply
The MA series power supply uses high-current toroidal transformers and a huge capacitor bank to ensure an uncommonly high amount of stored energy. This makes a critical difference in sound quality allowing incredible transient response and speakers motion control, even when driving 2 loads.

The audio performance
To achieve its remarkable sound quality, the NEXT MA series output circuits were engineered as a high bandwidth, very low bias and feedback class AB or H (MA3200 andMA3800), using the highest grade linear output devices. This approach yields outstanding studio-quality sound accuracy and detail.

TECHNICAL SPECIFICATIONS

Output Power (RMS)	
Stereo 8:	2x 800W
Stereo 4:	2x 1200W
Stereo 2:	2x 1600W
Bridge 8:	2400W
Bridge 4:	3200W
Inputs and Outputs	
Input Sensitivity:	Selectable (0.77V / 1.0V / 1.44V)
Input Impedance:	10k balanced to ground
Input Connectors:	Female XLR-3 and 6,35 TRS jack
Output Connectors:	4 pole Speakon and binding posts
Audio Performance	
Frequency Response (half power):	15Hz - 25.000Hz (+0 / -1dB)
THD+N at 1kHz (half power):	
IMD 60Hz and 7kHz, 4:1:	
Signal to Noise Ratio:	>105dB
Slew Rate (Input Filter Limited):	40V/uS
Damping Factor 1kHz at 8:	>400:1
Features	
Amplifier Topology:	Class H
Protections:	Full short circuit, open circuit, thermal, soft start, DC, Sub/Ultrasonic and RF
LED Indicators (Per Channel):	Active, signal, limit, protect
Panel Controls:	Front: 2 input attenuators | Rear: Ground lift, mode selection, compressor
Cooling:	Front to back via 2 variable speed fans
General	
Power Requirements:	230VAC, 50Hz-60Hz (others by request)
Dimensions (WxDxH):	483mm x 465mm x 88,8mm
Net Weight:	23.2 kg
Shipping Weight:	24.8 kg