

# MD14000

Professional Class H Amplifier



- 2 Channel configuration
- Unprecedented power density
- Highly efficient variation of the Class H
- High Voltage with peak limiter
- Excessive output current warning

## OVERVIEW

The MD14000 and MQ10000 amplifiers were designed for the most demanding live audio users, whether in touring rigs or fixed installations, meeting the needs of sound system designers and contractors of reliable, powerful, light weight and compact power amplifiers.

With power ratings up to 7000W per channel, these amplifiers are capable of providing plenty of clean, undistorted output to the most power hungry speaker systems.

These extremely powerful, 2 or 4 channel power amplifiers use a modern and highly efficient variation of the Class H technology with a sonic performance comparable to the best Class AB designs.

The highly efficient switching power supply is optimized for maximum power transfer from the AC line, to the Class H output stage and then to the loudspeakers.

Sophisticated micro-processor controlled protection systems continuously monitor all aspects of performance and under extreme or abusive conditions the MD14000 and MQ10000 amplifiers will progressively decrease the audio level while endeavouring to find a stable operating level.

## TECHNICAL SPECIFICATIONS

Output Power (RMS)	
Stereo 8:	2x 2350W
Stereo 4:	2x 4400W
Stereo 2:	2x 7000W
Bridge 16:	4700W
Bridge 8:	8800W
Bridge 4:	14000W
Inputs and Outputs	
Input Impedance:	>20k
Input Common Mode Rejection (CMR):	54dB
Audio Performance	
THD+N at 1kHz (1dB below clipping):	<0.05%
Signal to Noise Ratio:	>112dBA
Crosstalk:	>70dB
Features	
Nr. of Channels:	2
Peak Total Output:	14000W
General	
Dimensions (WxDxH):	483mm x 88mm x 343mm
Net Weight:	12.5 kg
Shipping Weight:	14.7 kg