

# MQ10000

Professional Class H Amplifier



- 4 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:	4x 1250W
Stereo 4:	4x 2100W
Stereo 2:	4x 2200W
Bridge 16:	2x 2500W
Bridge 8:	2x 4200W
Bridge 4:	2x 4400W

### Inputs and Outputs

Input Impedance:	>20k
Input Common Mode Rejection (CMR):	50dB

### Audio Performance

THD+N at 1kHz (1dB below clipping):	<0.05%
Signal to Noise Ratio:	>112dBA
Crosstalk:	>70dB

### Features

Nr. of Channels:	4
Peak Total Output:	8800W

### General

Dimensions (WxDxH):	483mm x 88mm x 343mm
Net Weight:	13.5 kg
Shipping Weight:	15.7 kg