

# T2000

# T1500

## *T Series* Power Amplifiers

Introducing the latest additions to the *T Series* high performance power amplifiers, designed for use in a variety of applications in the fixed installation market where sonic quality is the highest priority. The T2000 and T1500, at 1000W and 750W per channel respectively, will bring the well renowned MC<sup>2</sup> sound quality and reliability to a wider range of users.



Building on the MC<sup>2</sup> commitment to sound quality and reliability, these exciting new amplifiers have been designed with complementary AB bipolar outputs, using the unique MC<sup>2</sup> current driven floating drive stage and conventional analogue level controls. The sound quality is maintained over a very wide range of load and temperature conditions. Sophisticated 'side chain' limiters prevent distortion and speaker damage but are out-of-circuit until the onset of clipping.

The control circuitry provides full protection against short circuits, DC and excessive temperature together with inrush current limiting and delayed 'turn on'. All adding up to genuine 'state of the art' amplifiers.

**All MC<sup>2</sup> products come with a full 5-year warranty.**

# Information

- Complementary class A/B bipolar outputs, using the unique MC<sup>2</sup> current driven floating drive stage, which gives one of the 'cleanest' sounds available.
- Sophisticated monitoring of amplifier temperature and load conditions.
- Proprietary control and protection circuitry continuously checks for all fault conditions such as shorted outputs, DC on outputs, excessive temperature (blocked air flow), component failure etc... and disconnects the outputs, if such an event occurs.
- Low noise vari-speed fans.



- 'Side-chain' clip limiter prevents speaker damage from clipped signals but only comes into the signal path during limiting, and is inaudible during normal operation.
- Audio 'fade-up' on Power-on.
- Optional internal crossover cards available.
- New proprietary 'Ultra Cool' heatsink.
- Full mains inrush protection.

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## Technical Information

### Connectors

**Inputs** XLR 3 pin  
**Outputs** 4 pole SPEAKON

### Controls

**Front panel** 2 x level controls  
 1 x power on/off switch

### Indicators

1 x power, 2 x limit, 2 x signal present  
 1 x auto protect

### Specifications

	T2000	T1500
<b>Output Power</b> (Watts RMS) per channel		
8 ohms @ 1kHz	610	450
4 ohms @ 1kHz	1000	750
2 ohms @ 1kHz	1400	1125
<b>Mono Bridged</b>		
8 ohms @ 1kHz	2000	1500
4 ohms @ 1kHz	2800	2250
<b>THD @ Rated Power 4 ohms</b>		
1 kHz	<0.008%	<0.008%
20Hz-20 kHz	<0.03%	<0.03%
<b>Input CMRR</b>	>90 dB	>90 dB
<b>Hum &amp; Noise</b>	-105 dB	-105 dB
<b>Gain</b>	32 dB	32 dB
<b>Sensitivity for rated output, 4 ohms</b>	+7dBu (1.75v)	+5dBu (1.38v)
<b>Damping Factor 1 kHz, 8 ohms</b>	>400	>400
<b>Frequency response</b>	20Hz-20kHz +0/-0.5 dB	20Hz-20kHz +0/-0.5 dB
<b>Input impedance</b> (actively balanced)	20k ohms	20k ohms
<b>Dimensions - 2U (mm)</b>	88 x 482 x 460	88 x 482 x 428
<b>Weight</b>	25kgs	20kgs
<b>Power requirement</b>	230 VAC @ 15 amps max 115 VAC @ 30 amps max	230 VAC @ 10 amps max 115 VAC @ 20 amps max

**MC<sup>2</sup>**  
**AUDIO**

Kingsgate

Heathpark

Honiton

Devon

ENGLAND

EX14 1YG

Tel: +44 (0)1404 44633

Fax: +44 (0)1404 44660

website: [www.mc2-audio.co.uk](http://www.mc2-audio.co.uk)

email: [mc2@mc2-audio.co.uk](mailto:mc2@mc2-audio.co.uk)