

# E1300

Light weight, high performance power amplifier

**NOT AVAILABLE IN NORTH AMERICA**

## features

- ▶ Plug-in front panel module facility
- ▶ High frequency switching power supply
- ▶ Versatile input connections
- ▶ Dual fan 4-stage thermal control
- ▶ Advanced protection circuits
- ▶ Custom heat exchanger
- ▶ Dual die output devices

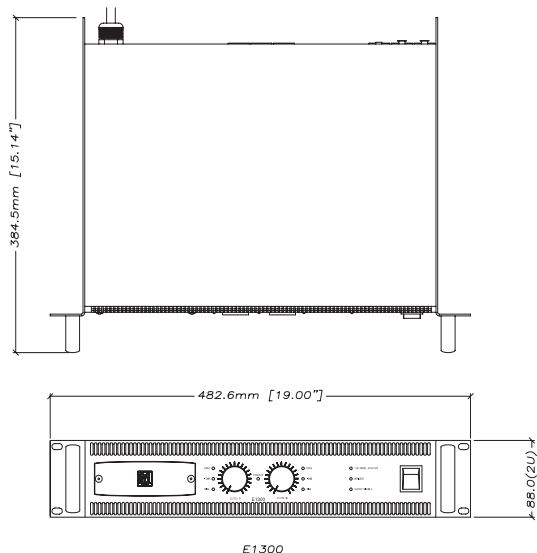


## applications

- ▶ Live sound reinforcement
- ▶ Fixed installations

The E1300 features a high-frequency switching power supply, with on-board intelligent control providing very high performance in a lightweight 9.5kg, 2U package. This amplifier also has a plug-in module facility located behind an easily removable front panel section, which obviates the need for costly stand-alone dedicated controllers in many applications.

## overall dimensions



## technical specifications

<b>MAX OUTPUT POWER</b>	
EIA AT 1 kHz AND 1% THD	
8Ω PER CHANNEL	400 W
4Ω PER CHANNEL	720 W
2Ω PER CHANNEL	1190 W
8Ω BRIDGED	1400 W
<b>DISTORTION</b>	
THD 20Hz – 20kHz AND 1 W TO FULL POWER	0.08%
THD AT 1kHz 1dB BELOW CLIP	0.1%
<b>SIGNAL + NOISE/NOISE RATIO</b>	
> -100dB 20Hz-20kHz	
<b>CHANNEL SEPARATION @ 10kHz</b>	
> 65dB	
<b>OUTPUT IMPEDANCE</b>	
22 mΩ	
<b>SLEW RATE</b>	
70 V/μs	
<b>INPUT SENSITIVITY</b>	
Selectable 0.775mV (36dB gain) or 1.23V (32dB gain)	
<b>INPUT IMPEDANCE</b>	
20 kΩ differential, 10 kΩ single ended	
<b>FREQUENCY RESPONSE</b>	
7Hz-46kHz +0dB / -3dB	
<b>FREQUENCY BANDWIDTH</b>	
10Hz-40kHz +0dB / -0.5dB	
<b>FRONT PANEL</b>	
GAIN CONTROLS	2 x Rotary Control
INDICATORS: POWER ON	Red LED
INDICATORS: SIGNAL LEVEL	Green LED
INDICATORS: -3dB	Yellow LED
INDICATORS: LIMIT	Red LED
INDICATORS: BRIDGE	Yellow LED
INDICATORS: THERMAL	Red LED
INDICATORS: CARD ENABLE	Green LED
<b>REAR PANEL</b>	
INPUT CONNECTORS	XLR-female
LINK CONNECTOR	XLR-male
OUTPUT CONNECTORS	3 x 4 pole Speakon
<b>POWER</b>	
OPERATION VOLTAGE	230V Setting 115V Setting
	180-250V 90-125V
SOFT START	Yes Yes
PEAK INRUSH CURRENT	11.8A 23A
MIN START VOLTAGE	140V 70V
<b>CURRENT DRAW AT 4Ω</b>	
QUIESCENT POWER (NO LOAD)	230V Setting 115V Setting
	0.9A rms 1.8A rms
1/8 OF FULL POWER (-9dB)	4.8A rms 9.6A rms
1/3 OF FULL POWER (-5dB)	7.2A rms 14A rms
<b>DIMENSIONS</b>	
WIDTH	483mm (19ins)
HEIGHT	88mm (3.5ins) 2U
DEPTH	385mm (15.2ins)
WEIGHT	9.5kg (20.9lbs)

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