

# MA2.8s

Light weight, high performance power amplifier

## features

- ▶ Switch mode power supply
- ▶ Superior sonic performance
- ▶ Light weight
- ▶ Advanced protection circuits
- ▶ Efficient copper cooling system
- ▶ Minimum load switches (MLS™)



## applications

- ▶ Live sound reinforcement
- ▶ Fixed installations

The MA2.8s is one of a range of power amplifiers that have been designed to combine reliability and high power with sonic excellence. Utilising an advanced switch mode power supply, the amplifier is characterised by a very high power-to-weight ratio in a lightweight, 2U package. The innovative technology at the heart of the MA2.8s enables it to set new standards in terms of sonic accuracy, impact and clarity.

## technical specifications

### MAX OUTPUT POWER

EIA AT 1 kHz AND 1% THD

MLS in 0dB position	
8 PER CHANNEL	1100 W
4 PER CHANNEL	1500 W
2 PER CHANNEL	1700 W
8 BRIDGED	3000 W
4 BRIDGED	3100 W

### MAX OUTPUT VOLTAGE

8Ω LOAD	94 Vrms
PEAK VOLTAGE, NO LOAD	135 V

### DISTORTION

THD 20Hz – 20kHz AND 1 W TO FULL POWER	0.08%
THD AT 1kHz AND –1dB UNDER CLIP	0.03%
DIM AT –3dB UNDER CLIP	0.02%

### HUM AND NOISE

	< -105dB
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### CHANNEL SEPARATION @ 10kHz

	80dB
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### OUTPUT IMPEDANCE

	60 mΩ
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### SLEW RATE

	20 V/μs
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### INPUTS

GAIN SELECTABLE (dB)	20, 23, 26, 29, 32, 35, 38, 41
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### IMPEDANCE

	10 kΩ
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### COMMON MODE REJECTION

	50dB
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### FRONT PANEL

GAIN CONTROLS	31 position detent
INDICATORS: PROTECT	Yellow LED
INDICATORS: CLIP	Red LED
INDICATORS: SIGNAL PRESENT (-40dB)	Green LED

### REAR PANEL

INPUT CONNECTORS	Neutrik Combo
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LINK CONNECTOR XLR-male

CLIP LIMITERS

On/off each channel

MLS SWITCH 0, -2, -4, -5dB

LINK-SWITCH CH. A-B

### POWER

OPERATION VOLTAGE	130-270V
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SOFT START Yes

PEAK INRUSH CURRENT 5 A

FULL OUTPUT POWER 180-260 V

MIN START VOLTAGE 175 V

115V OPTION Yes

### CURRENT DRAW AT 4Ω/230V

QUIESCENT POWER (NO LOAD) 1 A rms

1/8 OF FULL POWER (-9dB) 5 A rms

1/3 OF FULL POWER (-5dB) 11 A rms

AT FULL POWER (0dB) @ 1kHz 1%THD 19 A rms

### DIMENSIONS

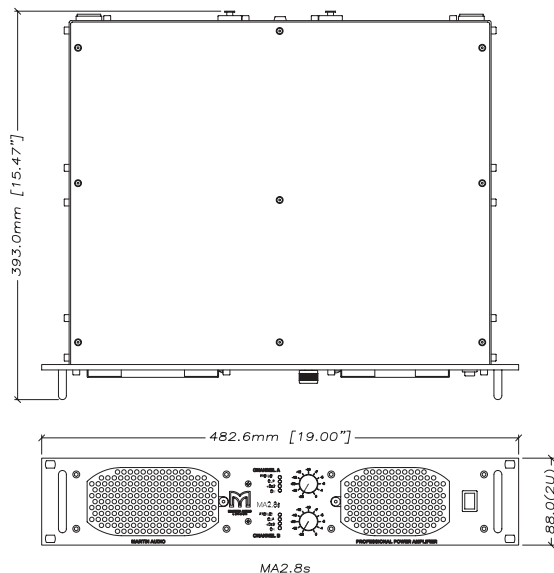
WIDTH 483mm (19ins)

HEIGHT 88mm (3.5ins) 2U

DEPTH (incl. handles) 393mm (15.5ins)

WEIGHT 10kg (22lbs)

## overall dimensions



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