

# Amplifier

## MPA8200

8 channels Power amplifier

MPA 8200 is an 8 independent channels Class D amplifier designed to work with all the ACTIVE AUDIO low impedance loudspeakers.

Its 8 channels topology provide an optimal connectivity with the 8 outputs channel of the NUT DSP processor to be installed in the project designed with column loudspeakers or distributed system as well.

MPA 8200 is designed to allows the wiring of the output channels in common ground mode. That is why MPA 8200 is a perfect choice to power the 3 or 6 channels STEP ARRAY columns loudspeakers.

The 600W output power under 8 Ohm in bridged mode makes the MPA8200 the perfect companion for all the ACTIVE AUDIO subwoofers.

The limited height of the MPA 8200 added to the low noise of its fans allows a perfect integration into fixed installation racks.

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**Number of channels : 8**

**Output power @8Ω : 200W per channel**

**Output power @4Ω : 300W per channel**

**Output power @8Ω bridge : 600W**

**Inputs : Analog**

**Warranty 5 years**

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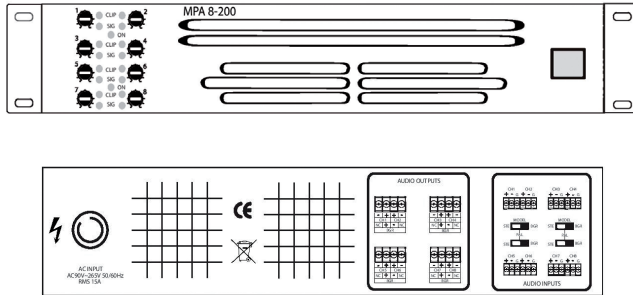


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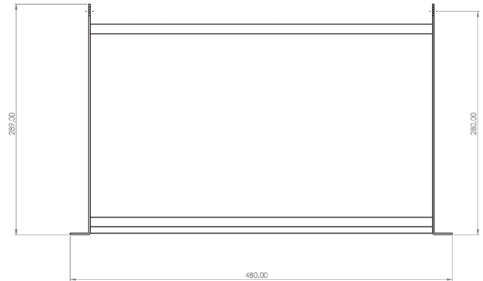
## Technical Specifications

### Mechanical drawing

Front views



Top views



### Technical Specifications

#### General

Number of channels	8		
Output Power	Stereo mode		Mono bridged mode
	4Ω/ch	8Ω/ch	8Ω/ch
	8x300W	8x200W	4x600W

#### AC Main Power

Power supply	Universal, regulated switch mode with PFC
Operating voltage	90-260V ±10%, 50-60Hz

#### Audio

Gain	37dB
Frequency response	20Hz – 20kHz (1W @8Ω ± 0,85dB)
S/N ratio	>94dB (2Hz-20kHz @8Ω, A weighted)
Input impedance	10kΩ/20kΩ balanced
THD+N / SMPTE IMD / DIM100 IMD	<0,1% de 0,1W to full power (typical <0,05%)
Slew rate	>30 V/μs @8Ω, input filter bypassed
Damping factor @8Ω	>300 @ 20-100Hz
Dynamic	-70dB

#### Front panel

Indicators	2 x LEDs bar – Signal level and over-temperature protection
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#### Rear panel

Audio signal input connectors	Phoenix MC1.5/12-ST-3.81
Loudspeaker output connectors	Phoenix DFK-PC 4/8-G-7.62

#### Construction

Dimensions (H,L,P)	483 x 88 x 315 mm
Weight	9kg