

# HPS 2500

## CLASS H PROFESSIONAL POWER AMPLIFIER

### DESCRIPTION

HPS 2500 is a 2 channel power amplifier that delivers up to 2 x 1400 W RMS @ 2  $\Omega$  (2800 W RMS bridged @ 4  $\Omega$ ).

XLR inputs for patching in signals as well as Speakon ports for connecting speaker systems are provided for the maximum flexibility. A forced air cooling system maintains a low operating temperature.



### FEATURES

- Fast response and low distortion
- Easy to configure in stereo / mono / bridge modes
- Extensive protective circuits ensure high reliability and operating safety
- Front panel signal / clip / protect LED indicators
- Minimum load impedance (stereo / mono): 2  $\Omega$
- XLR input connectors
- SPEAKON output connectors
- 2 unit 19" rack, low weight for easy transportation
- Switchable Limiter

## TECHNICAL SPECIFICATIONS

<b>Amplifier specifications</b>	Number of channels:	2
	Power output per channel (@ 2 ohm):	1400W RMS
	Power output per channel (@ 4 ohm):	1100 W RMS
	Power output per channel (@ 8 ohm):	700 W RMS
	Power output (bridged @ 4 ohm):	2800 W RMS
	Power output (bridged @ 8 ohm):	2200 W RMS
	Frequency Response (-3dB):	20 Hz ÷ 20 Hz
	Signal/noise rate ("A" weighted)	>106 dB
Distortion (THD+N) @ 1 kHz nominal power:	<0.05 %	
<b>Input section</b>	Total number of inputs:	2
	Balanced:	2
	Mono:	2
	Line inputs:	2
	Line connectors:	XLR
<b>Output section</b>	Signal output number:	2
	Signal output connectors:	XLR
	Power output connectors:	Speakon
<b>Controls</b>	Configuration:	DIP switch, Front panel
<b>Protections</b>	Cooling:	Forced
	Short circuit:	Yes
	Thermal:	Yes
	DC:	Yes
	Fuses:	Yes
	VHF (Very High Frequencies):	Yes
<b>Power requirement</b>	Operating voltage:	220-240 V - 50Hz
<b>Standard compliance</b>	CE marking:	Yes
<b>Physical specifications</b>	Cabinet/Case Material:	Metal
	Color:	Black
	Rack mounting:	19", 2U
<b>Size</b>	Height:	88 mm / 3.46 inches
	Width:	482 mm / 18.98 inches
	Depth:	420 mm / 16.54 inches
	Weight:	21.25 kg / 46.85 lbs
<b>Shipping informations</b>	Package Height:	160 mm / 6.3 inches
	Package Width:	570 mm / 22.44 inches
	Package Depth:	480 mm / 18.9 inches
	Package Weight:	23.2 kg / 51.15 lbs



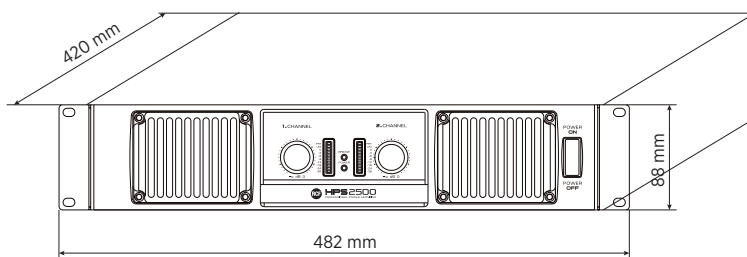
**PART NUMBER**

- **12135054**

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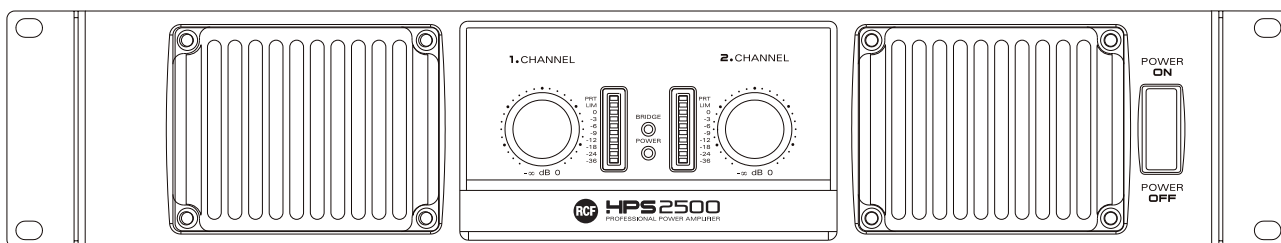
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**DRAWINGS**



**PANELS**

Front panel



Rear panel

