

# QPS 10K

## FOUR CHANNELS PROFESSIONAL POWER AMPLIFIER

### DESCRIPTION

QPS Series is a range of four channel professional amplifiers that combines high-quality performance and reliability with the latest power amplification technologies. This high-value design offers, in compact 2-rack unit space, the sound quality and the durability of class HD amplifiers with the innovation of the latest power devices available. QPS 10K is a 4-channel power amplifier that delivers up to 4 x 2,500 W @ 2 Ohms. It features independent gain control, signal/clip and faults indicators, channels A and C XLR output link, parallel/bridge modes, and speakON output connectors. Moreover, it is protected against shorts and open circuits. Thanks to its high-efficiency heat sinks and variable speed fans, QPS 10K can withstand the most extreme heat conditions ensuring reliability.



### FEATURES

- 4 x 2,500 W class HD power amplifier
- Fast response and low distortion
- Stereo, parallel and bridge modes
- Comprehensive protection circuits
- Variable speed cooling
- Signal, clip, fault led indicators
- XLR inputs and speakON outputs
- Limiter on each channel
- 20 ÷ 20000 Hz frequency range

## TECHNICAL SPECIFICATIONS

<b>Amplifier specifications</b>	Amplifier Class:	HD
	Output power:	4 x 2500 W @ 2 ohm 4 x 2200 W @ 4 ohm 4 x 1400 W @ 8 ohm 2 x 5000 W @ 4 ohm (bridge) 2 x 4400 W @ 8 ohm (bridge)
	Frequency Response (-3dB):	20 Hz ÷ 20000 Hz
	SNR Analog inputs ("A" weighted):	>110 dB
	Crosstalk:	<70 dB
	Distortion (THD+N) @ 1 kHz nominal power:	<0.05 %
	<hr/>	
<b>Input section</b>	Total number of inputs:	4
	Balanced:	4
	Mono:	4
	Line inputs:	4
	Line connectors:	XLR
<hr/>		
<b>Output section</b>	Signal output number:	2
	Signal output connectors:	XLR
	Power output connectors:	Speakon
<hr/>		
<b>Protections</b>	Cooling:	Forced
	Short circuit:	Yes
	Thermal:	Yes
	DC:	Yes
	Fuses:	Yes
	VHF (Very High Frequencies):	Yes
<hr/>		
<b>Power requirement</b>	Operating voltage:	220-240/115 V~ 50/60Hz
	Power consumption:	1900 W
<hr/>		
<b>Standard compliance</b>	Safety agency:	CE compliant
<hr/>		
<b>Physical specifications</b>	Cabinet/Case Material:	Metal
	Handles:	Metal handles included in the front panel
	Color:	Black - RAL 9005
	Rack mounting:	19", 2U
<hr/>		
<b>Size</b>	Height:	88 mm / 3.46 inches
	Width:	483 mm / 19.02 inches
	Depth:	399 mm / 15.71 inches
	Weight:	14.2 kg / 31.31 lbs
<hr/>		
<b>Shipping information</b>	Package Height:	150 mm / 5.91 inches
	Package Width:	572 mm / 22.52 inches
	Package Depth:	570 mm / 22.44 inches
	Package Weight:	15.5 kg / 34.17 lbs



**PART NUMBER**

• **12100058**

QPS 10K

100-120V

EAN 8024530019846

• **12100057**

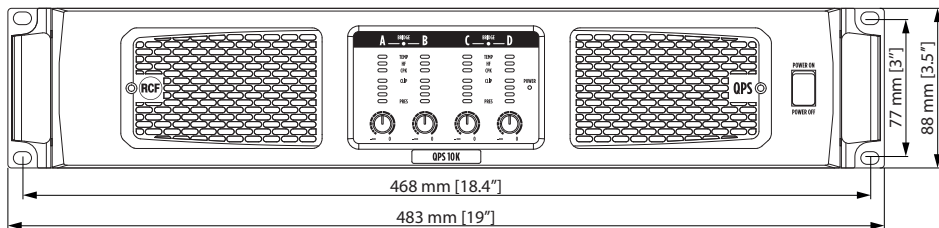
QPS 10K

220-240V

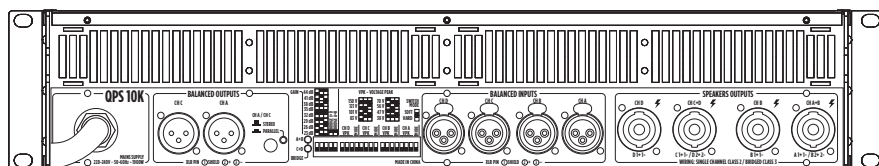
EAN 8024530019839

**DRAWINGS**

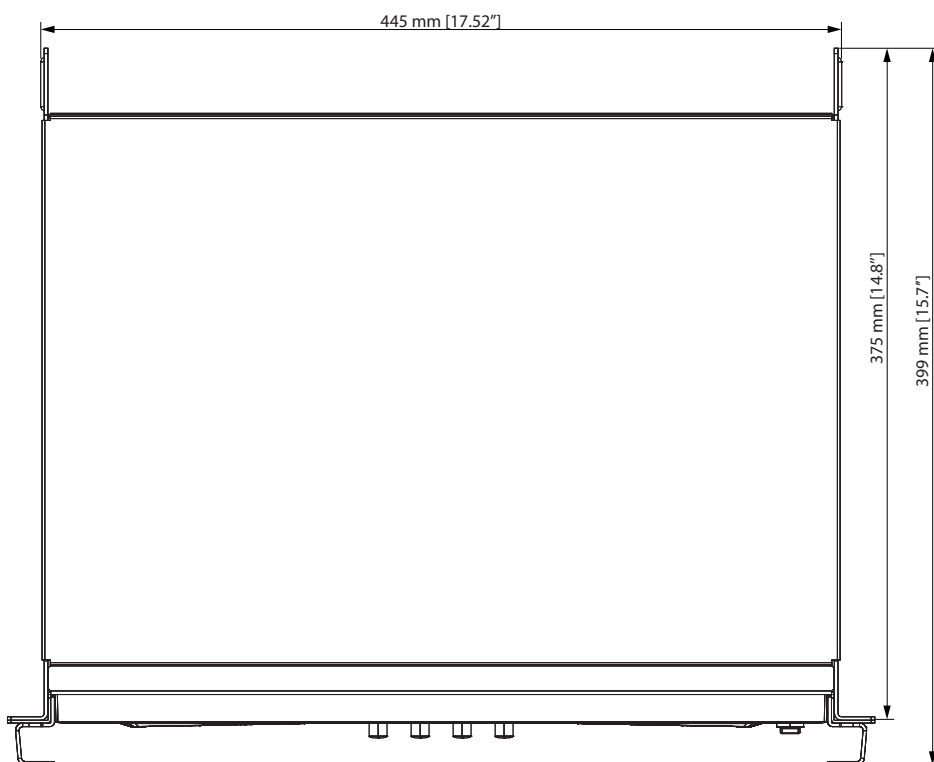
Front view



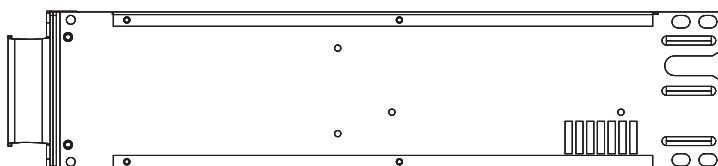
Rear view



Top view



Side view





## **A&E SPECIFICATIONS**

The product shall be a 4 channels power amplifier able to deliver up to 4 x 2500 W @ 2 ohm. It shall combine high quality performance and reliability with the latest power amplifications technologies. This high value design shall offer, in compact 2 rack unit space, the sound quality and the durability of class HD amplifiers with the innovation of the latest power devices available. It shall feature independent gain controls, signal / clip and faults indicators, channels output link, stereo, parallel and bridge modes, SPEAKON output connectors. Moreover, it shall be protected against short circuits. It shall have high efficiency heat sinks and variable speed fans, to withstand the hardest heat conditions ensuring great reliability.

---