

QPS 9600

HIGH POWER AMPLIFIER

DESCRIPTION

QPS 9600 is a 4 channel power amplifier that can handle exceptionally high power in a compact and lightweight 2 rack units space. Thanks to the class HD technology, this amplifier delivers up to 4 x 2400 W RMS @ 2 Ohm (4800 W RMS bridged @ 4 Ohm), weighting just 16 kg.

It comes with switched mode power supply which ensures that a predominantly resistive load is presented to the mains power supply; this also leads to an improved amplifier performance at high output levels. Thanks to its high efficiency heat sinks and variable speed DC fans, the QPS 9600 can withstand the hardest heat conditions ensuring great reliability.



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 / clippings / protection/ temperature LEDs indicators
- Minimum load impedance (stereo / mono): 2 Ohm
- XLR input connectors
- SPEAKON NL4 output connectors
- Voltage clip switchable limiters

TECHNICAL SPECIFICATIONS

Amplifier specifications

Number of channels:	4
Power output per channel (@ 2 ohm):	2400W RMS
Power output per channel (@ 4 ohm):	2200 W RMS
Power output per channel (@ 8 ohm):	1300 W RMS
Power output (bridged @ 4 ohm):	4800 W RMS
Power output (bridged @ 8 ohm):	4400 W RMS
Frequency Response (-3dB):	20 Hz ÷ 25 kHz
Signal/noise rate ("A" weighted)	>110 dB
Distortion (THD+N) @ 1 kHz nominal power:	<0.1 %

Input section

Total number of inputs:	4
Balanced:	4
Mono:	4
Line inputs:	4
Line connectors:	XLR

Output section

Signal output number:	2
Signal output connectors:	XLR
Power output connectors:	Speakon

Controls

Configuration:	DIP switch, Front panel
----------------	-------------------------

Protections

Cooling:	Forced
Thermal:	Yes
DC:	Yes
Fuses:	Yes
VHF (Very High Frequencies):	Yes

Power requirement

Operating voltage:	220-240/115 V- 50/60Hz
Power consumption:	1950 W

Standard compliance

CE marking:	Yes
-------------	-----

Physical specifications

Cabinet/Case Material:	Metal
Rack mounting:	19", 2U

Size

Height:	88 mm / 3.46 inches
Width:	482 mm / 18.98 inches
Depth:	445 mm / 17.52 inches
Weight:	16 kg / 35.27 lbs



Shipping informations

Package Height:	150 mm / 5.91 inches
Package Width:	580 mm / 22.83 inches
Package Depth:	600 mm / 23.62 inches
Package Weight:	18.5 kg / 40.79 lbs

PART NUMBER

• **12135103**

QPS 9600
115V
EAN 8024530011642

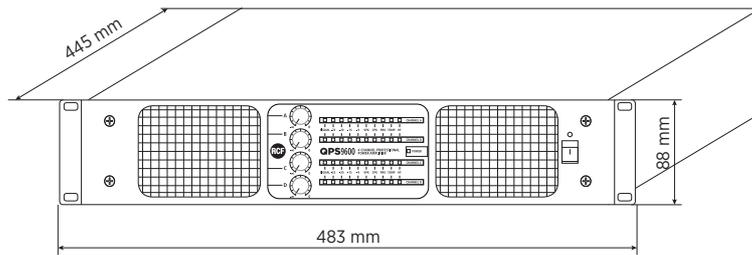
• **12135102**

QPS 9600
220-240V
EAN 8024530011635

• **12100003**

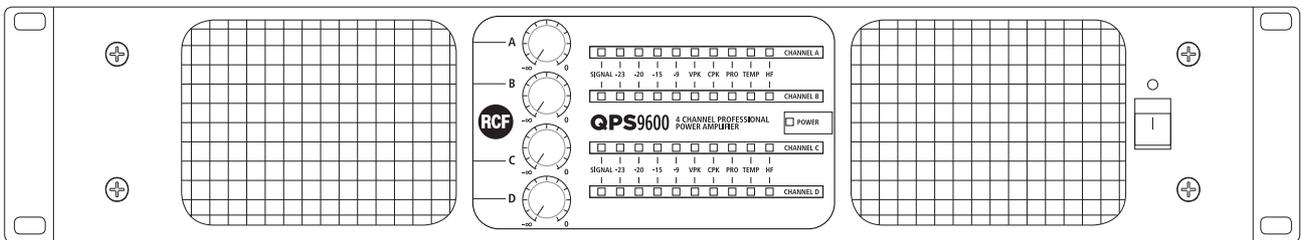
QPS 9600
220V
EAN 8024530013530

DRAWINGS



PANELS

Front panel



Rear panel

