

QPS 9600

2 X 300 W CLASS AB PROFESSIONAL POWER AMPLIFIER

DESCRIPTION

IPS Series is a range of two-way professional amplifiers that combines high quality performance and reliability with the latest power amplifications technologies. This high value power-to-cost designs offer, in compact lightweight 2 rack unit space, the sound quality and the durability of traditional class AB and class H designs with the innovation of the latest power devices available.

IPS 700 is a 2 channel power amplifier that delivers up to 2 x 300 W RMS @ 4 Ω (600 W RMS bridged @ 8 Ω), weighing just 10,1 kg. It features independent gain dials, signal – clip and fault LEDs, stereo XLR input and Output link, 1.4 V to 0.775 V input sensitivity switch, mono – stereo – bridge switch, powercon outputs. Moreover, it is protected against shorts and open circuits. Thanks to its high efficiency heat sinks and high speed DC fans, the IPS 700 can withstand the hardest heat conditions ensuring great reliability.



FEATURES

- 2 unit 19" rack, easy transportation
- 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
- XLR input connectors
- SPEAKON NL4 output connectors

TECHNICAL SPECIFICATIONS

Amplifier specifications

Number of channels:	2
Power output per channel (@ 4 ohm):	300 W RMS
Power output per channel (@ 8 ohm):	150 W RMS
Power output (bridged @ 8 ohm):	600 W RMS
Frequency Response (-3dB):	20 Hz ÷ 20000 Hz
Signal/noise rate ("A" weighted)	>100 dB
Crosstalk	<75 dB
Distortion (THD+N) @ 1 kHz nominal power:	<0.5 %

Input section

Total number of inputs:	2
Balanced:	2
Mono:	2
Line inputs:	2
Line connectors:	XLR

Output section

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

Controls

Configuration:	DIP switch, Front panel
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Protections

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

Power requirement

Operating voltage:	220-240/115 V- 50/60Hz
Power consumption:	350 W

Standard compliance

CE marking:	Yes
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Physical specifications

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

Size

Height:	88 mm / 3.46 inches
Width:	482 mm / 18.98 inches
Depth:	255 mm / 10.04 inches
Weight:	9.4 kg / 20.72 lbs

Shipping informations

Package Height:	150 mm / 5.91 inches
Package Width:	580 mm / 22.83 inches
Package Depth:	570 mm / 22.44 inches
Package Weight:	10.2 kg / 22.49 lbs

PART NUMBER• **12135087**

IPS 700

230V

EAN 8024530011000

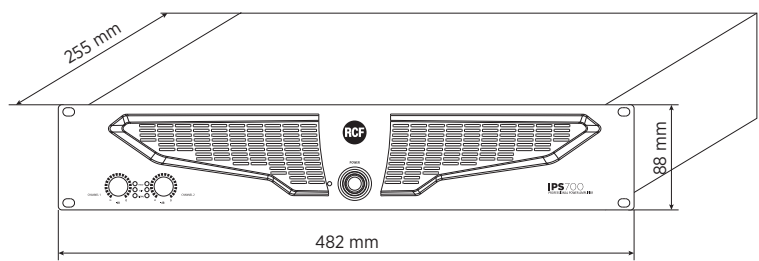
• **12135086**

IPS 700

115V

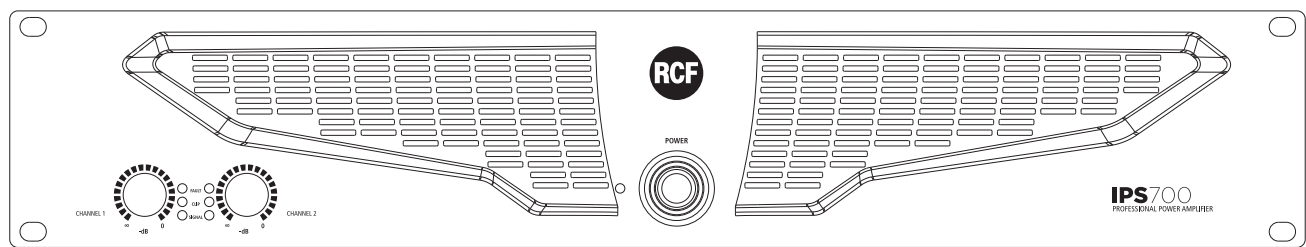
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DRAWINGS



PANELS

Front panel



Rear panel

