

IPS 700

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 amplification 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 ÷ 20 kHz |
| | 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 |
| 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 |
| 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

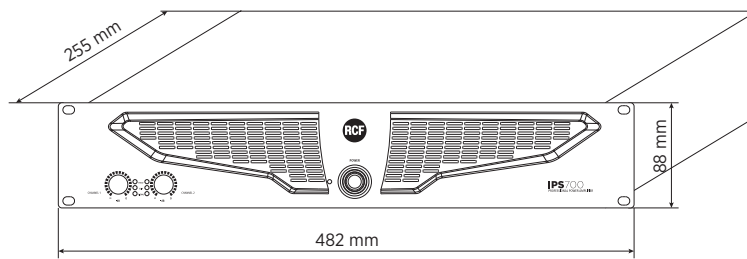
- **12135087**

IPS 700
220-240V
EAN 8024530011000

- **12135086**

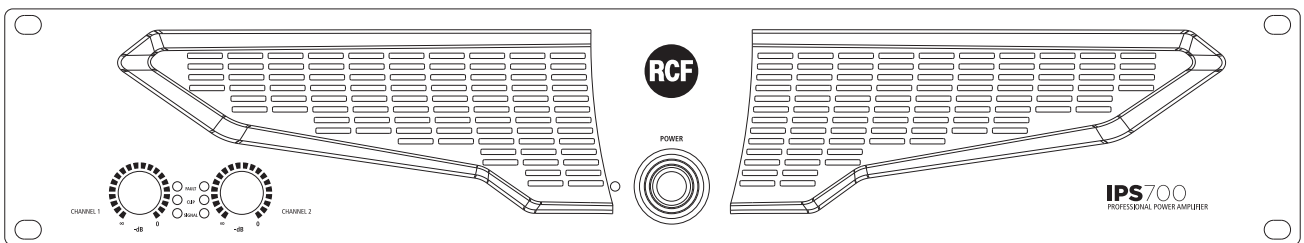
IPS 700
115V
EAN 8024530011758

DRAWINGS



PANELS

Front panel



Rear panel

