

# DPS 604X

## 4 CHANNELS CLASS D POWER AMPLIFIER WITH CROSSOVER

### DESCRIPTION

DPS 604X is a 4-channel class D power amplifier designed for professional use in installed sound systems. It has 4 inputs and 4 outputs that could be combined in different configurations: a DIP switch on the rear panel allows to choose among 8 operational modes, and easily adapt the system to the specific installation. Moreover, it has two hi-pass filters (on channels A and B) and a low-pass filter for subwoofers, with cutoff frequencies in the range from 50 Hz to 250 Hz.



### FEATURES

- Fast response and low distortion
- Eight different operation modes, two of which with internal crossover
- Extensive protective circuits ensure high reliability and operating safety
- Level control for each channel on the front panel
- Signal and peak LED for each channel
- Suitable for rack installation (1U 19")

## TECHNICAL SPECIFICATIONS

### Amplifier specifications

Amplifier Class:	D
Number of channels:	4
Power output per channel (@ 2 ohm):	230W RMS
Power output per channel (@ 4 ohm):	150 W RMS
Power output per channel (@ 8 ohm):	80 W RMS
Power output (bridged @ 4 ohm):	400 W RMS
Power output (bridged @ 8 ohm):	300 W RMS
Frequency Response (-3dB):	20 Hz ÷ 24 Hz
Signal/noise rate ("A" weighted)	>95 dB
Crosstalk	<70 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:	Euroblock

### Output section

Power output connectors:	Euroblock
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### Processing

High-pass filter:	50 Hz ÷ 250 Hz
Crossover:	50 ÷ 250 Hz

### Controls

Configuration:	DIP switch
Number of programs/presets:	9

### 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:	800 W

### Standard compliance

CE marking:	Yes
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### Physical specifications

Cabinet/Case Material:	Metal
Color:	Black,
Rack mounting:	19", 1U

### Size

Height:	44 mm / 1.73 inches
Width:	483 mm / 19.02 inches
Depth:	281 mm / 11.06 inches
Weight:	4.75 kg / 10.47 lbs



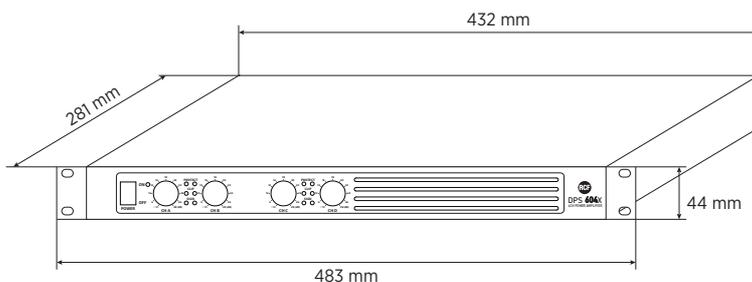
**Shipping informations**

Package Height:	100 mm / 3.94 inches
Package Width:	560 mm / 22.05 inches
Package Depth:	370 mm / 14.57 inches
Package Weight:	6 kg / 13.23 lbs

**PART NUMBER**

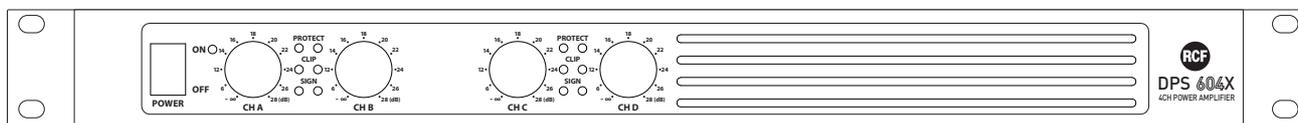
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|---|---|
| <ul style="list-style-type: none"><li>• <b>12100012</b></li></ul> DPS 604X<br>115V<br>EAN 8024530014667 | <ul style="list-style-type: none"><li>• <b>12100008</b></li></ul> DPS 604X<br>220-240V<br>EAN 8024530014155 |
|---|---|

**DRAWINGS**



**PANELS**

Front panel



Rear panel

