



# 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

## Part Number

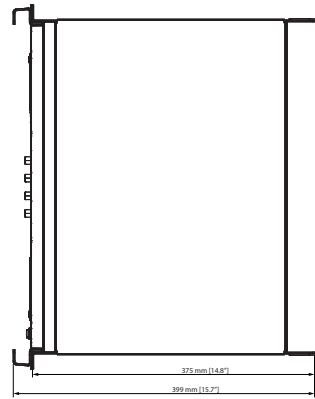
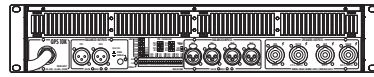
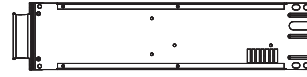
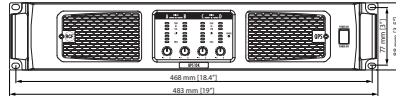
|          |         |           |                  |                   |
|----------|---------|-----------|------------------|-------------------|
| 12100057 | QPS 10K | 220-240 V | Black - RAL 9005 | EAN 8024530019839 |
| 12100058 | QPS 10K | 100-120 V | Black - RAL 9005 | EAN 8024530019846 |



# QPS 10K

FOUR CHANNELS PROFESSIONAL POWER AMPLIFIER

Line Art 2D



## TECHNICAL SPECIFICATIONS

### Amplifier specifications

|  |  |
|--|--|
| Amplifier Class                          | HD   |
| Output Power                             | 4 x 2500 W @ 2 ohm<br>4 x 2200 W @ 4 ohm<br>4 x 1400 W @ 8 ohm<br>2 x 5000 W @ 4 ohm (bridge)<br>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 %  |

### Input section

|                        |   |
|------------------------|---|
| Total number of inputs | 4 |
| Balanced               | 4 |
| Mono                   | 4 |
| Line inputs            | 4 |

### Output section

|                          |         |
|--------------------------|---------|
| Signal output number     | 2       |
| Signal output connectors | XLR     |
| Power output connectors  | Speakon |

### Configuration and control

|               |                         |
|---------------|-------------------------|
| Configuration | DIP switch, Front panel |
|---------------|-------------------------|



# QPS 10K

## FOUR CHANNELS PROFESSIONAL POWER AMPLIFIER

|                                |                             |   |
|--------------------------------|-----------------------------|---|
| <b>Protections</b>             | Cooling                     | Forced                                    |
|                                | Short circuit               | Yes                                       |
|                                | Thermal                     | Yes                                       |
|                                | DC                          | Yes                                       |
|                                | Fuses                       | Yes                                       |
|                                | VHF (Very High Frequencies) | Yes                                       |
| <b>Power requirement</b>       | Operating voltage           | 220-240/115 V~ 50/60Hz                    |
|                                | Power consumption           | 1900 W                                    |
| <b>Standard compliance</b>     | Safety agency               | CE compliant                              |
| <b>Physical specifications</b> | Cabinet/Case Material       | Metal                                     |
|                                | Handles                     | Metal handles included in the front panel |
|                                | Color                       | Black - RAL 9005                          |
|                                | Rack mounting               | 19", 2U                                   |
| <b>Size / Weight</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                       |