# KPS 802

HIGH-POWER 2-CHANNEL DSP AMPLIFIER



**Description**

KPS 802 is a professional 2-channel amplifier with a total output power of 1600 W, designed for high-demanding audio installations where flexibility, reliability, and advanced control are essential. Equipped with Class-D amplification and integrated DSP, it provides complete and accurate signal processing, with intuitive configuration through RCF's RDSpace software. The library of RCF speakers' presets simplifies the setup and ensures optimal performance. Native Ethernet connectivity makes it ideal for distributed systems with independent zone control, while the integrated wireless access point allows direct connection with mobile devices such as smartphones and tablets.

**Features**

- 2 x 800 W Class-D power amplifier
- Integrated signal processing
- Presets for RCF speakers
- Low and high impedance outputs configuration
- Full-matrix multizone management
- Network management via RDSpace software
- API drivers for third party control systems
- PoE wall accessories for remote control

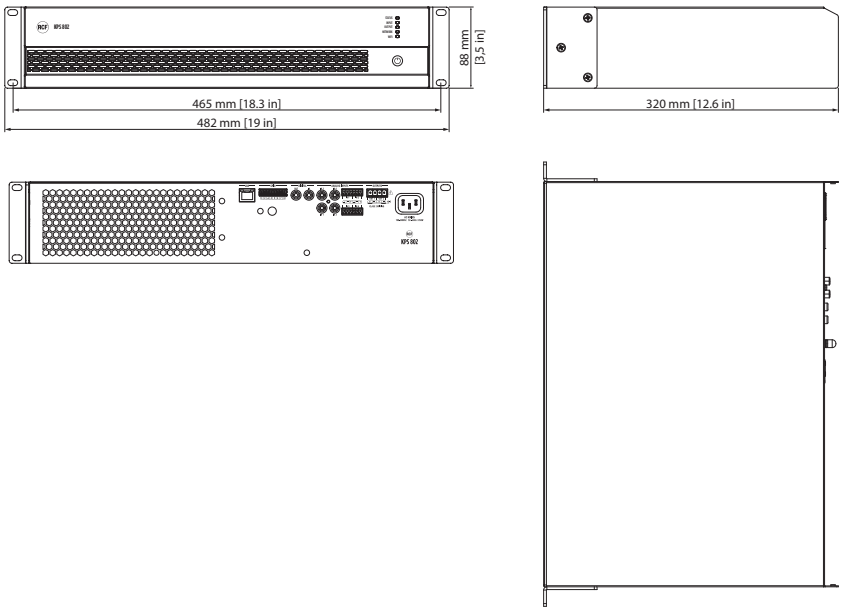
**Part Number**

| | | | | | |
|---|---|---|---|---|---|
| 12100094 | KPS 802 EU | EU | 90-240 V | Black | EAN 8024530023782 |
| 12100118 | KPS 802 US | US | 90-240 V | Black | EAN 8024530024376 |

# KPS 802

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Line Art 2D




## TECHNICAL SPECIFICATIONS

| | | |
|---|---|---|
| **Amplifier specifications** | Amplifier Class | D |
| | Output Power | 2 x 800 W @ 2 ohm<br>2 x 800 W @ 4 ohm<br>2 x 400 W @ 8 ohm<br>1 x 1600 W @ 4 ohm (bridge)<br>1 x 1600 W @ 8 ohm (bridge) |
| | Output power @ 100 V | 1 x 1600 W @ 100 V |
| | Output power @ 70 V | 1 x 1200 W @ 70 V |
| | Frequency Response (-3dB) | 20 Hz - 20000 Hz |
| | SNR Analog inputs (“A” weighted) | >108 dB |
| | SNR Digital inputs (“A” weighted) | >108 dB |
| | Distortion (THD+N) (20 Hz - 20000 Hz,400 W @ 8 ohm) | <0.05 % |
| **Input section** | Total number of inputs | 5 |
| | Mic+Line inputs | 4 |
| | Mic+Line connectors | Euroblock, RCA |
| | Digital inputs | 1 |
| | Digital connectors | RCA |
| | Digital type | S/PDIF |
| | General Purpose Inputs (GPI) | 5 |
| | Programmable GPI | Yes |

# KPS 802

HIGH-POWER 2-CHANNEL DSP AMPLIFIER

| | | |
|---|---|---|
| **Output section** | Signal output number | 1 |
| | Signal output connectors | RCA |
| | Power output connectors | Euroblock |
| | General Purpose Outputs (GPO) | 5 |
| | Programmable GPO | Yes |
| **Processing** | DSP | Yes |
| **Configuration and control** | Configuration | PC Software |
| | Network | Ethernet |
| | RCF speakers presets | Yes |
| | Priority | Yes |
| | Protocols for system integration | AMX, Q-SYS, Symetrix, RTI, Elan |
| **Protections** | Cooling | Forced |
| | Short circuit | Yes |
| | Thermal | Yes |
| | DC | Yes |
| | Fuses | Yes |
| | VHF (Very High Frequencies) | Yes |
| **Power requirement** | Operating voltage | 90-240 V~ 50/60Hz |
| | Power consumption | 350 W |
| **Standard compliance** | Safety agency | CE compliant, UL62368-1 |
| **Physical specifications** | Cabinet/Case Material | Metal |
| | Color | Black |
| | Rack mounting | 19", 2U |
| **Size / Weight** | Height | 88 mm / 3.46 inches |
| | Width | 483 mm / 19.02 inches |
| | Depth | 320 mm / 12.6 inches |
| | Weight | 5.9 kg / 13.01 lbs |

## ACCESSORIES

**Electronics**

**WALL MOUNT REMOTE CONTROLS**

| | | | |
|---|---|---|---|
| 12399114 | RC KPS EU | Black - RAL 9005 | EAN 8024530023881 |
| 12399115 | RC KPS EU | White - RAL 9003 | EAN 8024530023898 |
| 12399116 | RC KPS US | Black - RAL 9005 | EAN 8024530023904 |
| 12399117 | RC KPS US | White - RAL 9003 | EAN 8024530023911 |

**Rack Components**

**RACK MOUNT KITS**

| | | | |
|---|---|---|---|
| 17360039 | AR 1050 | Grey | EAN 8024530016180 |
| 13360746 | RRB KPS | Black - RAL 9005 | EAN 8024530023942 |