



KPS 164

COMPACT 4-CHANNEL AMPLIFIER WITH DSP



Description

KPS 164 is a professional 4-channel amplifier with a total output power of 640 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 loudspeakers' 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.

Features

- › 4 x 160 W Class-D power amplifier
- › Integrated signal processing
- › Presets for RCF loudspeakers
- › Low and high impedance outputs configuration
- › Flexible and scalable multi-zone architecture
- › Network management with RDSpace software
- › API drivers for third party control systems
- › PoE wall accessories for remote control
- › Powershare across each channels pair up to 320 W

Part Number

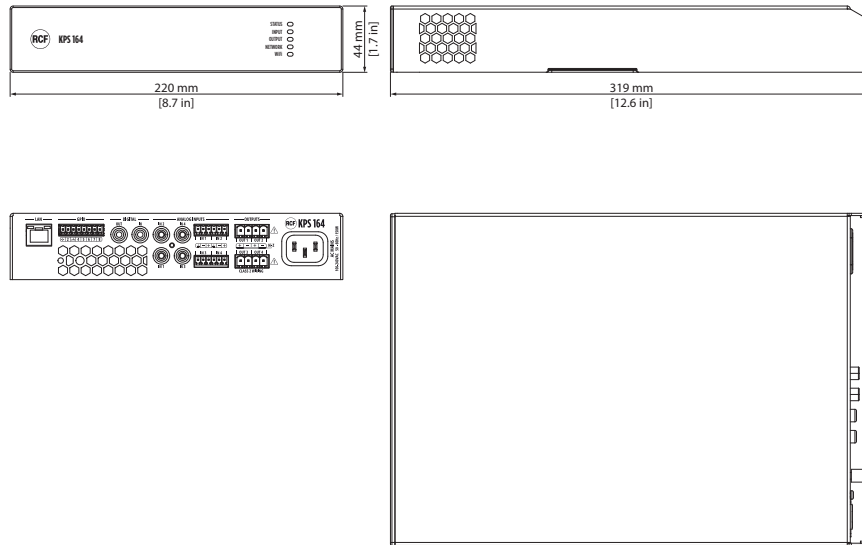
| | | | | | |
|----------|------------|----|----------|-------|-------------------|
| 12100090 | KPS 164 EU | EU | 90-240 V | Black | EAN 8024530023744 |
| 12100114 | KPS 164 US | US | 90-240 V | Black | EAN 8024530024338 |



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Line Art 2D



TECHNICAL SPECIFICATIONS

Amplifier specifications

| | |
|--|--|
| Amplifier Class | D |
| Output Power | 4 x 160 W @ 4 ohm 4 x 160 W @ 8 ohm 2 x 320 W @ 4 ohm (bridge) 2 x 320 W @ 8 ohm (bridge) |
| Output power @ 100 V | 2 x 320 W @ 100 V |
| Output power @ 70 V | 2 x 320 W @ 70 V |
| Frequency Response (-3dB) | 20 Hz - 20000 Hz |
| SNR Analog inputs ("A" weighted) | >106 dB |
| SNR Digital inputs ("A" weighted) | >106 dB |
| Distortion (THD+N) (20 Hz - 20000 Hz, 160 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 |



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| | | |
|----------------------------------|-----------------------------------|---|
| 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, Control4, Elan, Q-SYS, RTI, Symetrix, URC |
| 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 | 150 W |
| Standard compliance | Safety agency | CE compliant, UL62368-1 |
| Physical specifications | Cabinet/Case Material | Metal |
| | Color | Black |
| | Rack mounting | 1/2 19", 1U , Optional rack mounting accessory required |
| Size / Weight | Height | 44 mm / 1.73 inches |
| | Width | 220 mm / 8.66 inches |
| | Depth | 319 mm / 12.56 inches |
| | Weight | 2.8 kg / 6.17 lbs |
| ACCESSORIES | | |
| Rigging / Mounting | WALL MOUNT BRACKETS | |
| | 13360744 WMK KPS | Black - RAL 9005 EAN 8024530023935 |
| 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 |
| | 13360743 RMK KPS | Black - RAL 9005 EAN 8024530023928 |
| | 13360746 RRB KPS | Black - RAL 9005 EAN 8024530023942 |