



# KPS 162D

COMPACT 2-CHANNEL AMPLIFIER WITH DSP & DANTE



## Description

KPS 162D is a professional 2-channel amplifier with a total output power of 320 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. Equipped with Audinate Dante™ AoIP networks interface, allowing the distribution of 4 digital audio channels.

## Features

- › 2 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 channels up to 300 W
- › Audinate Dante™ networks interface (4 channels)

## Part Number

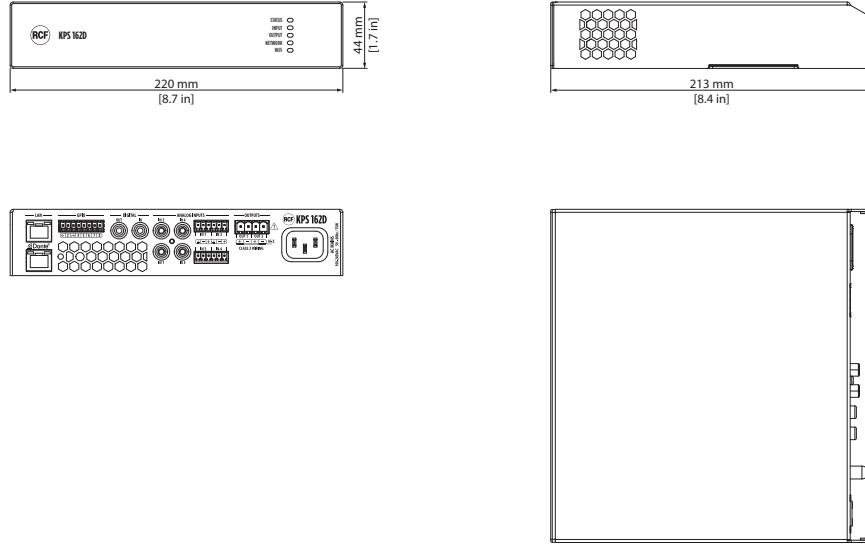
|          |             |    |          |       |                   |
|----------|-------------|----|----------|-------|-------------------|
| 12100089 | KPS 162D EU | EU | 90-240 V | Black | EAN 8024530023737 |
| 12100113 | KPS 162D US | US | 90-240 V | Black | EAN 8024530024321 |



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Line Art 2D



## TECHNICAL SPECIFICATIONS

Amplifier specifications

|  |  |
|--|--|
| Amplifier Class                                      | D  |
| Output Power   | 2 x 160 W @ 4 ohm<br>2 x 160 W @ 8 ohm<br>1 x 320 W @ 4 ohm (bridge)<br>1 x 320 W @ 8 ohm (bridge) |
| Output power @ 100 V                                 | 1 x 320 W @ 100 V  |
| Output power @ 70 V                                  | 1 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       | 9              |
| Mic+Line inputs              | 4              |
| Mic+Line connectors          | Euroblock, RCA |
| Digital inputs               | 5              |
| Digital connectors           | RCA, RJ45      |
| Digital type                 | DANTE, S/PDIF  |
| General Purpose Inputs (GPI) | 5              |
| Programmable GPI             | Yes            |



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|                                  |                                  |   |
|----------------------------------|----------------------------------|---|
| <b>Output section</b>            | Signal output number             | 1   |
|                                  | Signal output connectors         | RCA   |
|                                  | Power output connectors          | Euroblock   |
|                                  | General Purpose Outputs (GPO)    | 5   |
|                                  | Programmable GPO                 | Yes   |
| <b>Processing</b>                | DSP                              | Yes   |
| <b>Configuration and control</b> | Configuration                    | PC Software   |
|                                  | Network                          | Ethernet  |
|                                  | RCF speakers presets             | Yes   |
|                                  | Priority                         | Yes   |
|                                  | Protocols for system integration | AMX, Control4, Elan, Q-SYS, RTI, Symetrix, URC          |
| <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                | 90-240 V~ 50/60Hz                                       |
|                                  | Power consumption                | 75 W  |
| <b>Standard compliance</b>       | Safety agency                    | CE compliant, UL62368-1                                 |
| <b>Physical specifications</b>   | Cabinet/Case Material            | Metal   |
|                                  | Color                            | Black   |
|                                  | Rack mounting                    | 1/2 19", 1U , Optional rack mounting accessory required |
| <b>Size / Weight</b>             | Height                           | 44 mm / 1.73 inches                                     |
|                                  | Width                            | 220 mm / 8.66 inches                                    |
|                                  | Depth                            | 213 mm / 8.39 inches                                    |
|                                  | Weight                           | 2 kg / 4.41 lbs   |

### ACCESSORIES

|                           |                                   |           |                                    |
|---------------------------|-----------------------------------|-----------|------------------------------------|
| <b>Rigging / Mounting</b> | <b>WALL MOUNT BRACKETS</b>        |           |                                    |
|                           | 13360744                          | WMK KPS   | Black - RAL 9005 EAN 8024530023935 |
| <b>Electronics</b>        | <b>WALL MOUNT REMOTE CONTROLS</b> |           |                                    |
|                           | 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 |
| <b>Rack Components</b>    | <b>RACK MOUNT KITS</b>            |           |                                    |
|                           | 17360039                          | AR 1050   | Grey EAN 8024530016180             |
|                           | 13360743                          | RMK KPS   | Black - RAL 9005 EAN 8024530023928 |
|                           | 13360746                          | RRB KPS   | Black - RAL 9005 EAN 8024530023942 |