KPS 168D

COMPACT 8-CHANNEL AMPLIFIER WITH DSP & DANTE



Description

KPS 168D is a professional 8-channel amplifier with a total output power of 1280 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 such as smartphones and tablets. Equipped with an Audinate Dante™ AoIP network interface, which allows the distribution of 4 digital audio channels.

Features

› 8 x 160 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
› Power sharing across each channels pair up to 320 W
› Audinate Dante™ network interface (4 channels)

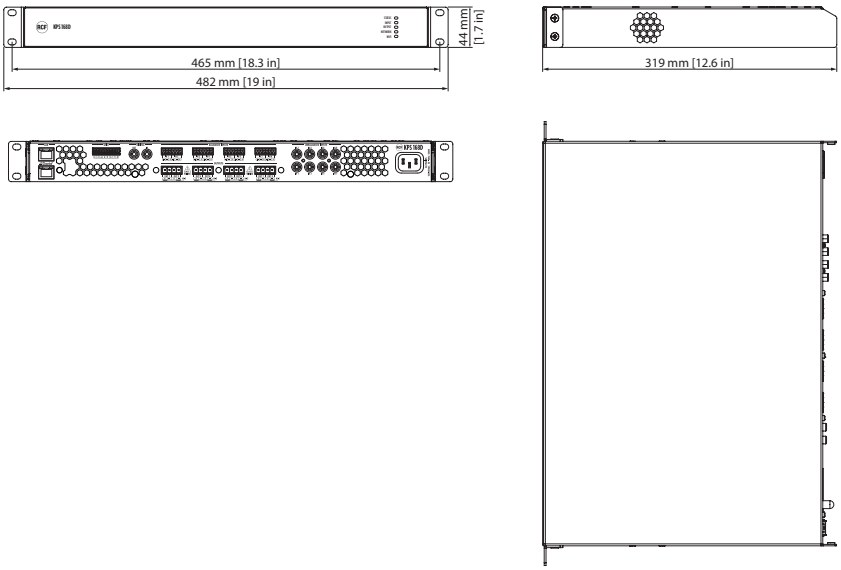
Part Number

12100093	KPS 168D EU	EU	90-240 V	Black	EAN 8024530023775
12100117	KPS 168D US	US	90-240 V	Black	EAN 8024530024369

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Line Art 2D



TECHNICAL SPECIFICATIONS

Amplifier specifications	Amplifier Class	D
	Output Power	8 x 160 W @ 4 ohm 8 x 160 W @ 8 ohm 4 x 320 W @ 8 ohm (bridge)
	Output power @ 100 V	4 x 320 W @ 100 V
	Output power @ 70 V	4 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	13
	Mic+Line inputs	8
	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
Output section	Signal output number	1
	Signal output connectors	RCA
	Power output connectors	Euroblock
	General Purpose Outputs (GPO)	5
	Programmable GPO	Yes

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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	300 W
Standard compliance	Safety agency	CE compliant, UL62368-1
Physical specifications	Cabinet/Case Material	Metal
	Color	Black
	Rack mounting	19", 1U
Size / Weight	Height	44 mm / 1.73 inches
	Width	482 mm / 18.98 inches
	Depth	319 mm / 12.56 inches
	Weight	3.8 kg / 8.38 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