



KPS 168D

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. Equipped with Audinate Dante™ AoIP networks interface, allowing the distribution of 4 digital audio channels.

Features

- › 8 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
- › Audinate Dante™ networks interface (4 channels)

Part Number

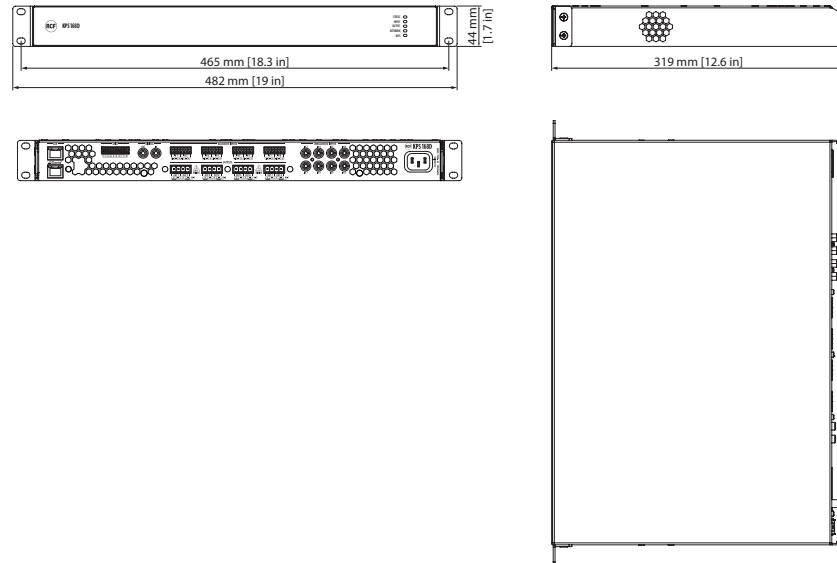
12100093	KPS 168D EU	EU	90-240 V	Black	EAN 8024530023775
12100117	KPS 168D US	US	90-240 V	Black	EAN 8024530024369



KPS 168D

8-CHANNEL AMPLIFIER WITH DSP & DANTE

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 @ 4 ohm (bridge) 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



KPS 168D

8-CHANNEL AMPLIFIER WITH DSP & DANTE

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	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