



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)

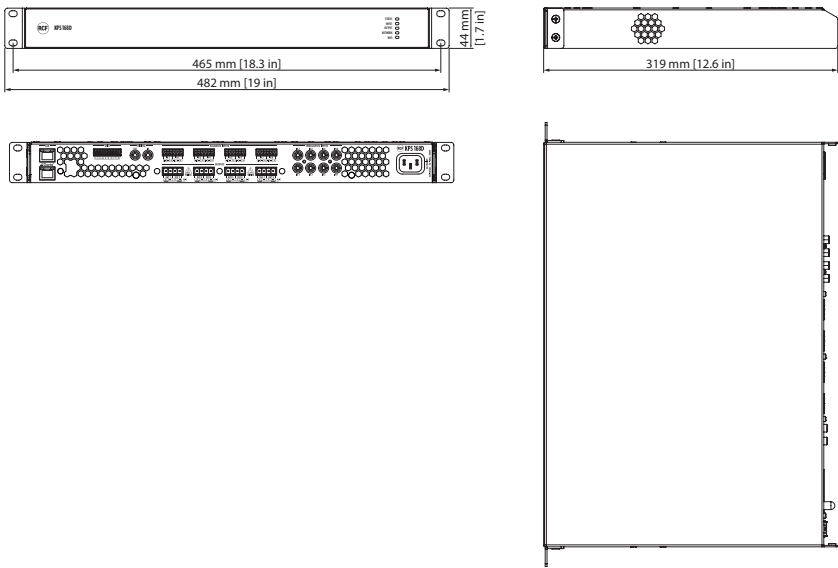
Part Number	12100093	KPS 168D EU	EU	90-240 V	Black	EAN 8024530023775
	12100117	KPS 168D US	US	90-240 V	Black	EAN 8024530024369



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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 @ 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



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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	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
	12399115	RC KPS EU
	12399116	RC KPS US
	12399117	RC KPS US
		Black - RAL 9005 EAN 8024530023881 White - RAL 9003 EAN 8024530023898 Black - RAL 9005 EAN 8024530023904 White - RAL 9003 EAN 8024530023911
Rack Components	RACK MOUNT KITS	
	17360039	AR 1050
	13360746	RRB KPS
		Grey EAN 8024530016180 Black - RAL 9005 EAN 8024530023942