



KPS 168

COMPACT 8-CHANNEL DSP AMPLIFIER



Description KPS 168 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.

- 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

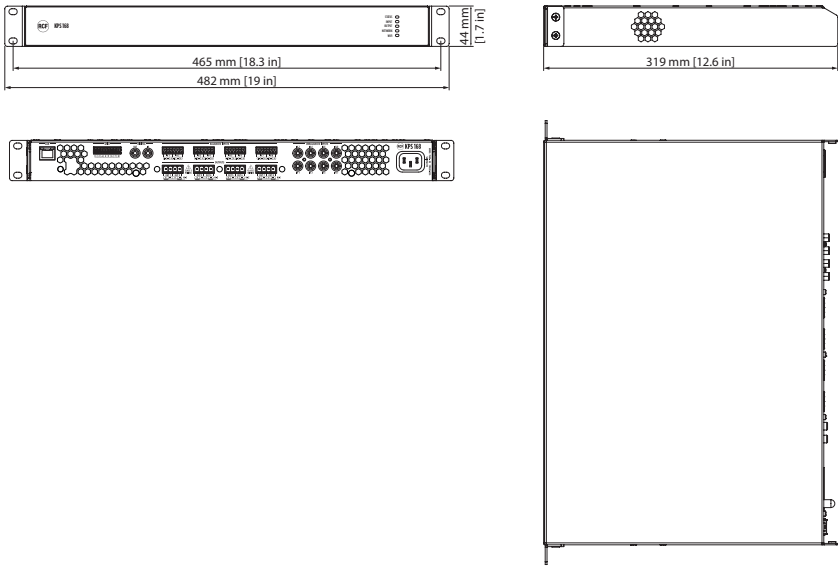
Part Number	12100092	KPS 168 EU	EU	90-240 V	Black	EAN 8024530023768
	12100116	KPS 168 US	US	90-240 V	Black	EAN 8024530024352



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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	9
Mic+Line inputs	8
Mic+Line connectors	Euroblock, RCA
Digital inputs	1
Digital connectors	RCA
Digital type	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