



KPS 802

HIGH-POWER 2-CHANNEL DSP AMPLIFIER



Description KPS 802 is a professional 2-channel amplifier with a total output power of 1600 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 speakers' 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**
- › 2 x 800 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

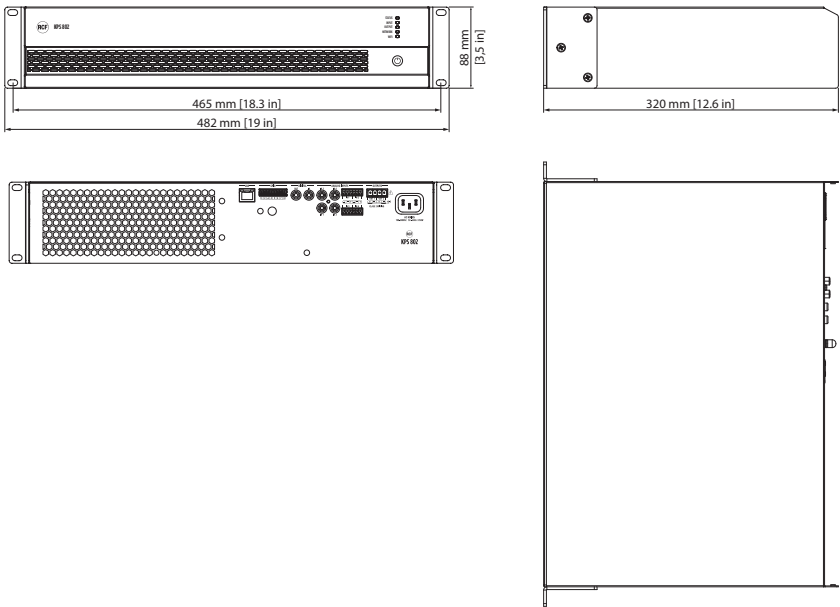
Part Number	12100094	KPS 802 EU	EU	90-240 V	Black	EAN 8024530023782
	12100118	KPS 802 US	US	90-240 V	Black	EAN 8024530024376



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Line Art 2D



TECHNICAL SPECIFICATIONS

Amplifier specifications

Amplifier Class	D
Output Power	2 x 800 W @ 2 ohm 2 x 800 W @ 4 ohm 2 x 400 W @ 8 ohm 1 x 1600 W @ 4 ohm (bridge) 1 x 1600 W @ 8 ohm (bridge)
Output power @ 100 V	1 x 1600 W @ 100 V
Output power @ 70 V	1 x 1200 W @ 70 V
Frequency Response (-3dB)	20 Hz - 20000 Hz
SNR Analog inputs ("A" weighted)	>108 dB
SNR Digital inputs ("A" weighted)	>108 dB
Distortion (THD+N) (20 Hz - 20000 Hz, 400 W @ 8 ohm)	<0.05 %

Input section

Total number of inputs	5
Mic+Line inputs	4
Mic+Line connectors	Euroblock, RCA
Digital inputs	1
Digital connectors	RCA
Digital type	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, 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	350 W
Standard compliance	Safety agency	CE compliant, UL62368-1
Physical specifications	Cabinet/Case Material	Metal
	Color	Black
	Rack mounting	19", 2U
Size / Weight	Height	88 mm / 3.46 inches
	Width	483 mm / 19.02 inches
	Depth	320 mm / 12.6 inches
	Weight	5.9 kg / 13.01 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