



DMA 162P

TWO CHANNELS POWER AMPLIFIER



Description

DMA 162P is a two channels Class-D power amplifier, equipped with a powerful DSP platform. Its natural use is in combination with a DMA unit, in order to increase installed power and implement multi-room architectures for Commercial Audio systems. However, its adaptability, control tools, and available inputs allow using it as a stand-alone amplifier: in fact, adding the optional RDNet board the user can manage all DSP functions and choose the specific RCF speakers preset. Thanks to the extremely compact size, accurate design, and robustness, it is ideal for a wide range of business music applications.

Features

- › 2 x 160 W Class-D power amplifier
- › 20 ÷ 20000 Hz frequency range
- › Full on-board processing
- › RCF speakers' presets
- › Proprietary bass enhancer algorithm
- › FIRPHASE linear phase filters
- › Flexible and scalable multi-room architecture
- › Suitable for desktop or rack installation
- › RDNet ready for networked management

Part Number

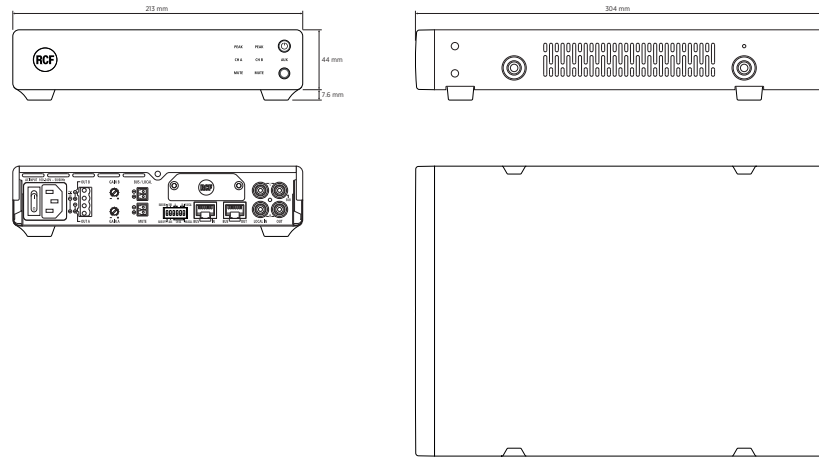
12100028	DMA 162P EU	EU	90-240 V	Black	EAN 8024530017163
12100042	DMA 162P US	US	90-240 V	Black	EAN 8024530018429
12100045	DMA 162P UK	UK	90-240 V	Black	EAN 8024530018450



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Line Art 2D



Amplifier specifications

TECHNICAL SPECIFICATIONS

Amplifier Class	D
Output Power (all channels driven)	2 x 160 W @ 4 ohm 2 x 160 W @ 8 ohm 1 x 320 W @ 4 ohm (bridge) 1 x 320 W @ 8 ohm (bridge)
Output power @ 70 V	1 x 320 W @ 70 V
Frequency Response (-3dB)	20 Hz ÷ 20000 Hz
SNR Analog inputs ("A" weighted)	>93 dB
Distortion (THD+N) @ 1 kHz nominal power	<0.01 %

Input section

Total number of inputs	6
Balanced	4
Unbalanced	2
Mono	4
Stereo	2
Line inputs	6
General Purpose Inputs (GPI)	2

Output section

Signal output number	1
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Processing

DSP	Yes
EQ Filters	Yes
FIR	Yes
Compressors	Yes
Tone controls	Yes
High-pass filter	80 Hz ÷ 200 Hz

Configuration and control

RCF speakers presets	Yes
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Protections

Cooling	Forced
Short circuit	Yes
Thermal	Yes
DC	Yes
Fuses	Yes
VHF (Very High Frequencies)	Yes



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Power requirement	Operating voltage	90-240 V- 50/60Hz
	Power consumption	400 W
Standard compliance	Safety agency	CE compliant, UL 62368-1
Physical specifications	Cabinet/Case Material	Metal
	Color	Black
	Rack mounting	1/2 19", 1U , Optional rack mounting accessory required
Size / Weight	Height	44 mm / 1.73 inches
	Width	213 mm / 8.39 inches
	Depth	304 mm / 11.97 inches
	Weight	1.65 kg / 3.64 lbs
	ACCESSORIES	
Electronics	BOARDS	
	12399065 BT BOARD DMA	Black - RAL 9005 EAN 8024530018788
	12399048 RDNET BOARD DMA	Black EAN 8024530017750
	TRANSFORMERS	
	12399069 TRF-KIT DMA 162	Black EAN 8024530020835
Rack Components	RACK MOUNT KITS	
	17360039 AR 1050	EAN 8024530016180
	13360426 RM-KIT DMA	Black - RAL 9005 EAN 8024530017415