



DMA 162

TWO CHANNELS MATRIX AMPLIFIER



Description

DMA 162 is a two-channel class-D matrix amplifiers equipped with a powerful DSP platform, allowing managing inputs and outputs in terms of routing and equalization (a complete set of processing functions is available, including PEQ, FIR filters, bass enhancement, limiters, compressors and environmental equalization); moreover, dedicated presets for RCF speakers have been implemented to optimize their acoustic performance. It can distribute 4 audio channels to DMA 162P units through an analogue audio BUS, combining a flexible and scalable multi-room architecture with an easy connection and installation. Its configuration is simple and user friendly and can be carried out through either its front panel controls (with OLED display) or RDNet. Thanks to its installation flexibility, accurate design, and robustness, it is ideal for a wide range of business music and installed sound 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
- › Remote controls and paging console accessories

Part Number

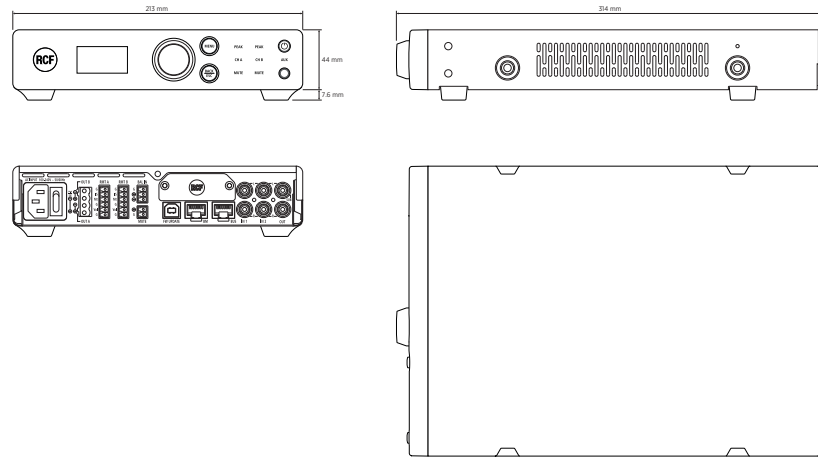
12100027	DMA 162 EU	EU	90-240 V	Black	EAN 8024530017156
12100041	DMA 162 US	US	90-240 V	Black	EAN 8024530018412
12100044	DMA 162 UK	UK	90-240 V	Black	EAN 8024530018443



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Line Art 2D



Amplifier specifications

TECHNICAL SPECIFICATIONS

Amplifier Class	D
Output Power (RMS 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
Distortion (THD+N) @ 1 kHz nominal power	<0.01 %

Input section

Total number of inputs	5
Balanced	2
Unbalanced	3
Mono	2
Stereo	3
VOX	Yes
Line inputs	3
Line connectors	JACK, Picoflex, RCA
Mic+Line inputs	1
Mic+Line connectors	Euroblock
VOX	Yes
Paging inputs	1
Paging connectors	RJ45
Paging command	Contact
General Purpose Inputs (GPI)	1

Output section

Signal output number	1
Signal output connectors	RCA
Power output connectors	Euroblock



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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	Configuration	Front panel, PC Software	
	RCF speakers presets	Yes	
	Protocols for system integration	Proprietary	
	RNet	Yes	
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	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	Height	44 mm / 1.73 inches	
	Width	213 mm / 8.39 inches	
	Depth	314 mm / 12.36 inches	
	Weight	1.7 kg / 3.75 lbs	
	ACCESSORIES		
Electronics	BM 404	14322031	8024530017903
	BT BOARD DMA	12399065	8024530018788
	RC 401 EU	12399051	8024530017217
	RC 401 EU	12399052	8024530017224
	RC 401 US	12399053	8024530017231
	RC 401 US	12399054	8024530017248
	RNET BOARD DMA	12399048	8024530017750
	TRF-KIT DMA 162	12399069	8024530020835
Rack Components	AR 1050	17360039	8024530016180
	RM-KIT DMA	13360426	8024530017415