



# 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

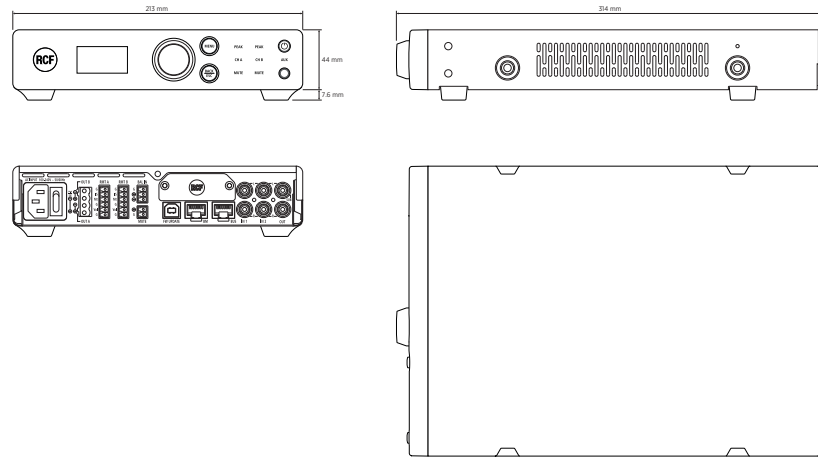
12100027	DMA 162 EU	EU	90-240 V	Black	EAN 8024530017156
12100041	DMA 162 US	US	90-240 V	Black	EAN 8024530018412
12100044	DMA 162 UK	UK	90-240 V	Black	EAN 8024530018443



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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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<b>Processing</b>	DSP EQ Filters FIR Compressors Tone controls High-pass filter	Yes Yes Yes Yes Yes 80 Hz ÷ 200 Hz
<b>Configuration and control</b>	Configuration RCF speakers presets Protocols for system integration RDNet	Front panel, PC Software Yes Proprietary Yes
<b>Protections</b>	Cooling Short circuit Thermal DC Fuses VHF (Very High Frequencies)	Forced Yes Yes Yes Yes Yes
<b>Power requirement</b>	Operating voltage Power consumption	90-240 V- 50/60Hz 400 W
<b>Standard compliance</b>	Safety agency	CE compliant, UL 62368-1
<b>Physical specifications</b>	Cabinet/Case Material Color Rack mounting	Metal Black 1/2 19", 1U , Optional rack mounting accessory required
<b>Size</b>	Height Width Depth Weight	44 mm / 1.73 inches 213 mm / 8.39 inches 314 mm / 12.36 inches 1.7 kg / 3.75 lbs
<b>ACCESSORIES</b>		
<b>Electronics</b>	<b>BOARDS</b> 12399065 BT BOARD DMA	Black - RAL 9005 EAN 8024530018788
	<b>DESKTOP MICROPHONE</b> 14322031 BM 404	Black - RAL 9005 EAN 8024530017903
	<b>TRANSFORMERS</b> 12399069 TRF-KIT DMA 162	Black EAN 8024530020835
	<b>WALL MOUNT REMOTE CONTROLS</b> 12399051 RC 401 EU 12399052 RC 401 EU 12399053 RC 401 US 12399054 RC 401 US	Black - RAL 9005 EAN 8024530017217 White - RAL 9003 EAN 8024530017224 Black - RAL 9005 EAN 8024530017231 White - RAL 9003 EAN 8024530017248
<b>Rack Components</b>	<b>RACK MOUNT KITS</b> 17360039 AR 1050 13360426 RM-KIT DMA	EAN 8024530016180 Black - RAL 9005 EAN 8024530017415