



DMA 82

TWO CHANNELS MATRIX AMPLIFIER



Description

DMA 82 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 80 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

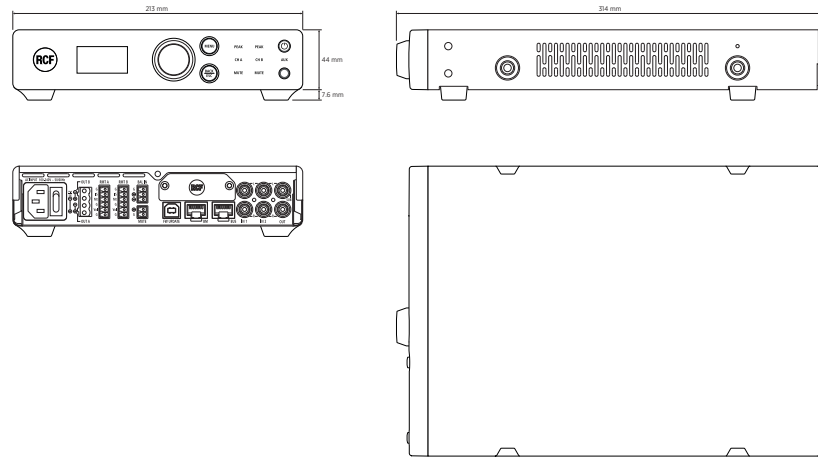
12100026	DMA 82 EU	EU	90-240 V	Black	EAN 8024530017149
12100040	DMA 82 US	US	90-240 V	Black	EAN 8024530018405
12100043	DMA 82 UK	UK	90-240 V	Black	EAN 8024530018436



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Line Art 2D



Amplifier specifications

TECHNICAL SPECIFICATIONS

Amplifier Class	D
Output Power	2 x 80 W @ 4 ohm 2 x 80 W @ 8 ohm 1 x 160 W @ 4 ohm (bridge) 1 x 160 W @ 8 ohm (bridge)
Output power @ 70 V	1 x 160 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 EQ Filters FIR Compressors Tone controls High-pass filter	Yes Yes Yes Yes Yes 80 Hz ÷ 200 Hz
Configuration and control	Configuration RCF speakers presets Protocols for system integration RDNet	Front panel, PC Software Yes Proprietary Onboard
Protections	Cooling Short circuit Thermal DC Fuses VHF (Very High Frequencies)	Forced Yes Yes Yes Yes Yes
Power requirement	Operating voltage Power consumption	90-240 V- 50/60Hz 200 W
Standard compliance	Safety agency	CE compliant, UL 62368-1
Physical specifications	Cabinet/Case Material Color Rack mounting	Metal Black 1/2 19", 1U , Optional rack mounting accessory required
Size / Weight	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
ACCESSORIES		
Electronics	BOARDS 12399065 BT BOARD DMA 12399048 RDNET BOARD DMA DESKTOP MICROPHONE 14322031 BM 404 TRANSFORMERS 12399068 TRF-KIT DMA 82 WALL MOUNT REMOTE CONTROLS 12399051 RC 401 EU 12399052 RC 401 EU 12399053 RC 401 US 12399054 RC 401 US	Black - RAL 9005 EAN 8024530018788 Black EAN 8024530017750 Black - RAL 9005 EAN 8024530017903 Black EAN 8024530020828 Black - RAL 9005 EAN 8024530017217 White - RAL 9003 EAN 8024530017224 Black - RAL 9005 EAN 8024530017231 White - RAL 9003 EAN 8024530017248
Rack Components	RACK MOUNT KITS 17360039 AR1050 13360426 RM-KIT DMA	EAN 8024530016180 Black - RAL 9005 EAN 8024530017415