



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



DMA 82

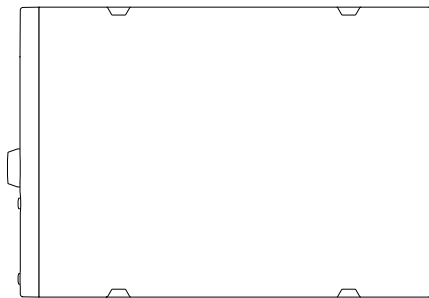
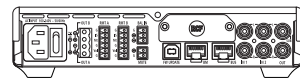
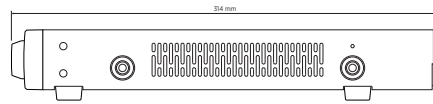
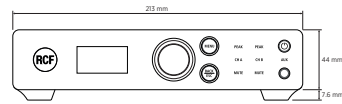
TWO CHANNELS MATRIX AMPLIFIER

Line Art 2D



DMA 82

TWO CHANNELS MATRIX AMPLIFIER



TECHNICAL SPECIFICATIONS

Amplifier 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



DMA 82

TWO CHANNELS MATRIX AMPLIFIER

Output section	Signal output number	1	
	Signal output connectors	RCA	
	Power output connectors	Euroblock	
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	
	RDNet	Onboard	
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	200 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	314 mm / 12.36 inches	
	Weight	1.7 kg / 3.75 lbs	
Electronics	ACCESSORIES		
	BOARDS		
	12399065	BT BOARD DMA	Black - RAL 9005 EAN 8024530018788
	12399048	RDNET BOARD DMA	Black EAN 8024530017750
	DESKTOP MICROPHONE		
	14322031	BM 404	Black - RAL 9005 EAN 8024530017903
	TRANSFORMERS		
	12399068	TRF-KIT DMA 82	Black EAN 8024530020828
	WALL MOUNT REMOTE CONTROLS		
	12399051	RC 401 EU	Black - RAL 9005 EAN 8024530017217
	12399052	RC 401 EU	White - RAL 9003 EAN 8024530017224



DMA 82

TWO CHANNELS MATRIX AMPLIFIER

Electronics	12399053	RC 401 US	Black - RAL 9005	EAN 8024530017231
	12399054	RC 401 US	White - RAL 9003	EAN 8024530017248
Rack Components	RACK MOUNT KITS			
	17360039	AR 1050	Grey	EAN 8024530016180
	13360426	RM-KIT DMA	Black - RAL 9005	EAN 8024530017415