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

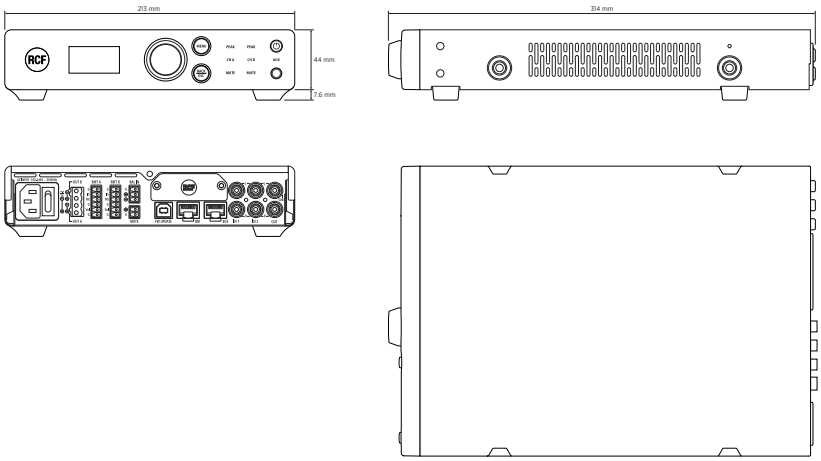
Part Number

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

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

ACCESSORIES

Electronics

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