

# DMA 82

## 160W TWO CHANNELS MATRIX AMPLIFIER

### DESCRIPTION

DMA 82 is a two channels class-D matrix amplifier 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 RCF proprietary FIR filtering technology and bass enhancement algorithm. Dedicated presets for RCF speakers are also available, to optimize the global acoustic performance. DMA 82 features an extremely compact size and accurate design that, together with its environmental robustness, make it ideal for a wide range of business music applications, from retail stores to bars and restaurants, meeting rooms, education or public facilities, and more in general to any A/V application. It offers user friendly configuration through front panel interface or (optional) RDNet board.



### FEATURES

- 2 x 80W Class-D power amplifier
- 20 ÷ 20000 Hz frequency range
- Full on-board processing
- RCF speakers presets
- Proprietary bass enhancer algorithm
- FIR phase filters
- Flexible and scalable multi-room architecture
- Suitable for desk-top or rack installation
- RDNet ready
- Remote controls and paging console accessories

## TECHNICAL SPECIFICATIONS

### Amplifier specifications

Amplifier Class:	D
Number of channels:	2
Power output per channel (@ 4 ohm):	80 W RMS
Power output (bridged @ 4 ohm):	160 W RMS
Power output (@ 100 V):	160 W RMS
Frequency Response (-3dB):	20 Hz ÷ 20000 kHz
Signal/noise rate ("A" weighted)	>93 dB dB
Distortion (THD+N) @ 1 kHz nominal power:	<0.01 %%

### Input section

Total number of inputs:	4
Balanced:	2
Unbalanced:	2
Mono:	2
Stereo:	2
VOX:	Yes
Line inputs:	2
Line connectors:	JACK, 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

### Processing

DSP:	Yes
EQ Filters:	Yes
FIR:	Yes
Compressors:	Yes
Tone controls:	Yes
High-pass filter:	80 ÷ 200 Hz

### Controls

Configuration:	Front panel, PC Software
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### Protections

Cooling:	Forced
Short circuit:	Yes
Thermal:	Yes
DC:	Yes
Fuses:	Yes
VHF (Very High Frequencies):	Yes



<b>Power requirement</b>	Operating voltage:	90-240 V~ 50/60HzV ~ Hz
	Power consumption (MAX):	200 W
<b>Standard compliance</b>	CE marking:	Yes
	Energy Star:	Yes
<b>Physical specifications</b>	Cabinet/Case Material:	Metal
	Color:	Black
	Rack mounting:	1/2 19", 1U , Optional rack mounting accessory required
<b>Size</b>	Height:	44 mm / 1.73 inches
	Width:	213 mm / 8.39 inches
	Depth:	314 mm / 12.36 inches
	Weight:	3 kg / 6.61 lbs
<b>Shipping informations</b>	Package Height:	106 mm / 4.17 inches
	Package Width:	360 mm / 14.17 inches
	Package Depth:	381 mm / 15 inches
	Package Weight:	4 kg / 8.82 lbs

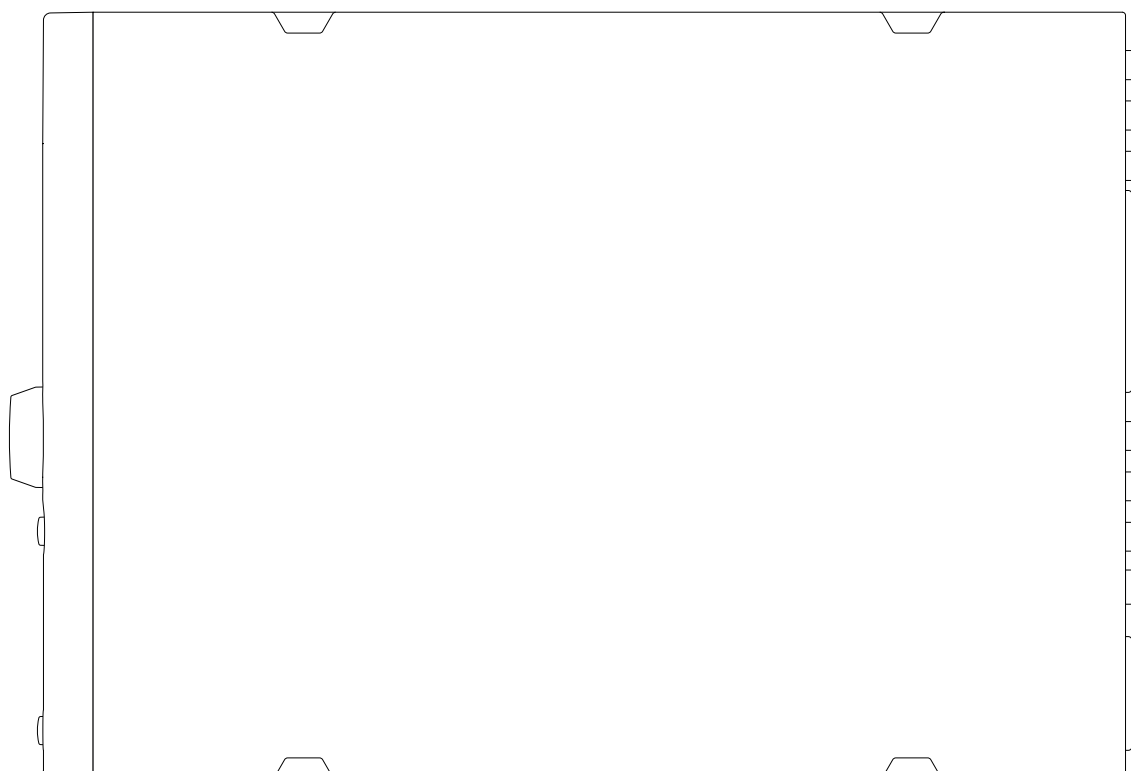
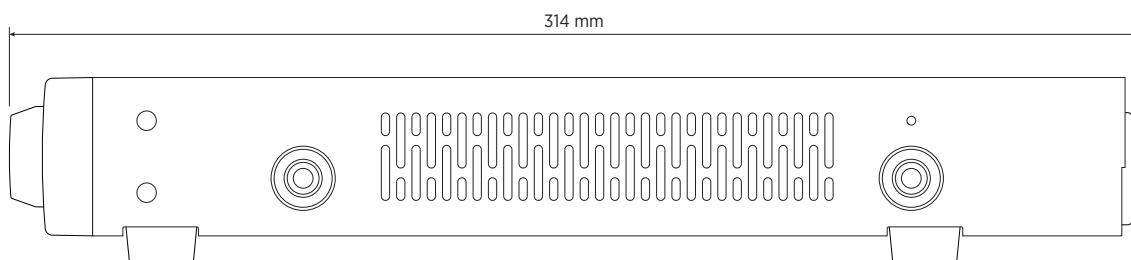
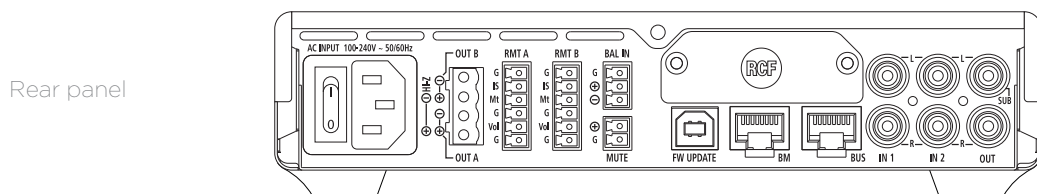
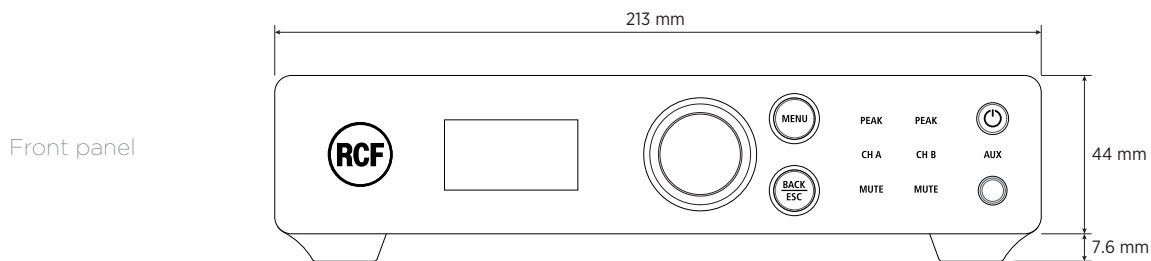
**PART NUMBER**

- **12100043**  
DMA 82 UK  
UK

- **12100040**  
DMA 82 US  
US

- **12100026**  
DMA 82 EU  
EU  
EAN 8024530017149

**DRAWINGS**



**ACCESSORIES**

ACCESSORY RC 401 EU B

PART NUMBER **12399051**  
EAN: 8024530017217

ACCESSORY RC 401 EU W

PART NUMBER **12399052**  
EAN: 8024530017224

ACCESSORY RC 401 US B

PART NUMBER **12399053**  
EAN: 8024530017231

ACCESSORY RC 401 US W

PART NUMBER **12399054**  
EAN: 8024530017248

ACCESSORY RDNET BOARD DMA/DPA

PART NUMBER **12399048**  
EAN: 8024530017750

MIC CONSOLE BM 404

PART NUMBER **14322031**  
EAN:

RACK ACCESSORY AR 1050

PART NUMBER **17360039**  
EAN: 8024530016180

RACK MOUNT KIT RM-KIT DMA-DPA

PART NUMBER **13360426**  
EAN: 8024530017415