

# DMA 82

## TWO CHANNEL MATRIX AMPLIFIER

### DESCRIPTION

DMA 82 is a two-channel 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 presets for RCF speakers, proprietary bass enhancer algorithm, FIR filters, and environmental equalization. Thanks to its extremely compact size, accurate design, and robustness, it is ideal for a wide range of business music 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

## TECHNICAL SPECIFICATIONS

<b>Amplifier specifications</b>	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 %%
<b>Input section</b>	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	
<b>Output section</b>	Signal output number:	1
	Signal output connectors:	RCA
	Power output connectors:	Euroblock
<b>Processing</b>	DSP:	Yes
	EQ Filters:	Yes
	FIR:	Yes
	Compressors:	Yes
	Tone controls:	Yes
	High-pass filter:	80 ÷ 200 Hz
<b>Controls</b>	Configuration:	Front panel, PC Software
<b>Protections</b>	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:	1.7 kg / 3.75 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:	2.7 kg / 5.95 lbs

**PART NUMBER**

• **12100043**

DMA 82 UK  
 UK  
 EAN 8024530018436

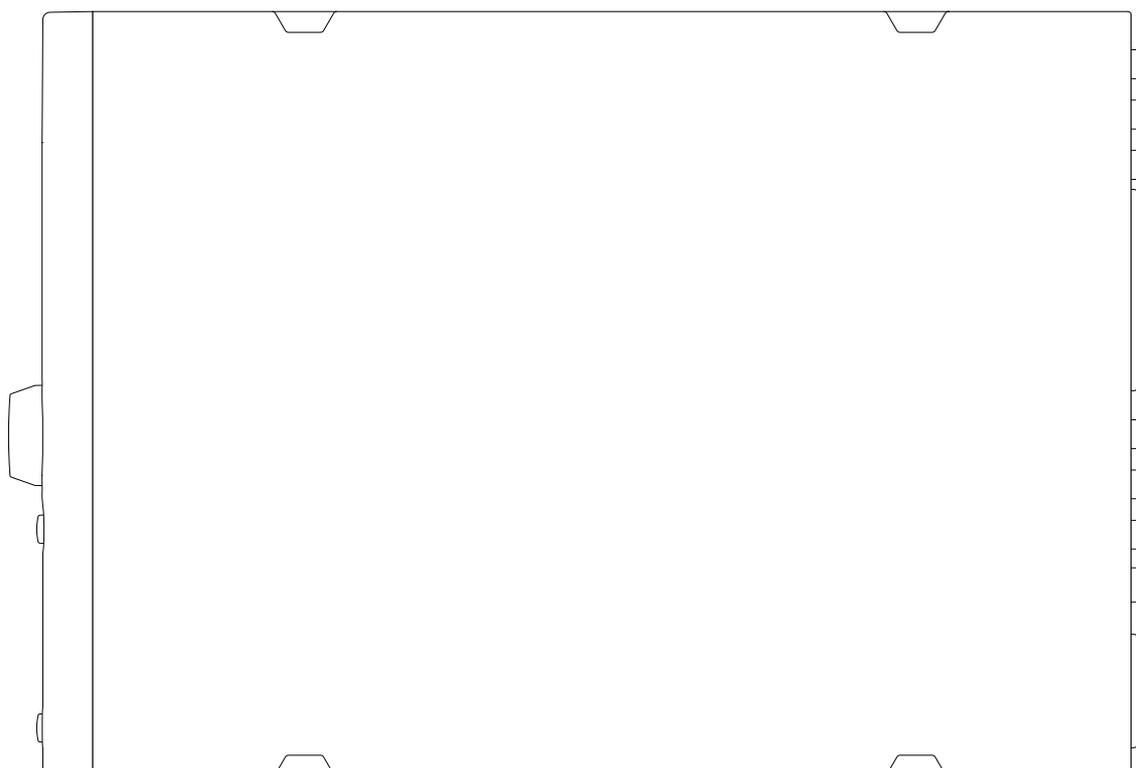
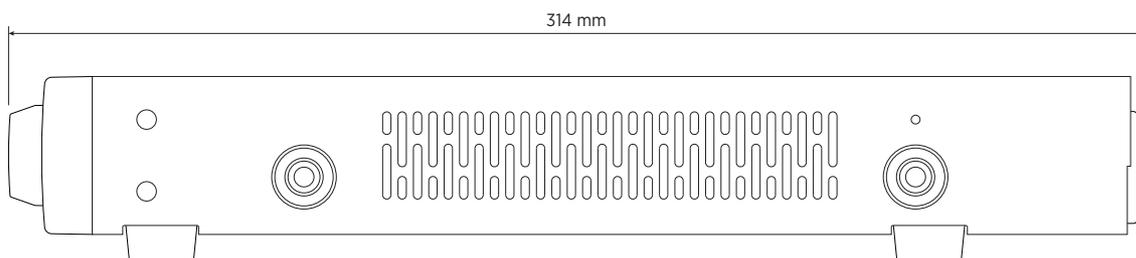
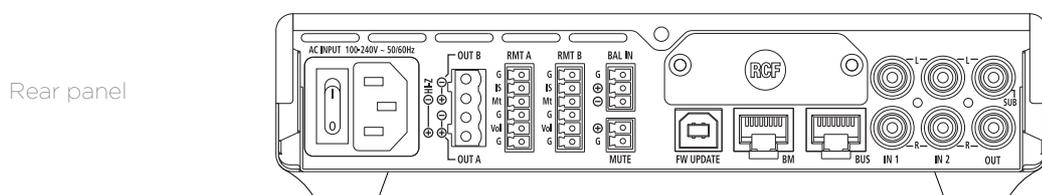
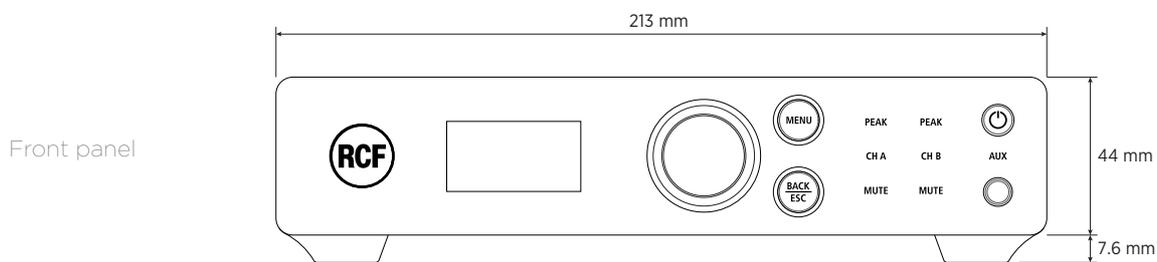
• **12100040**

DMA 82 US  
 US  
 EAN 8024530018405

• **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

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

PART NUMBER **13360426**  
EAN: 8024530017415