DMA 162P

320W TWO CHANNELS POWER AMPLIFIER

DESCRIPTION

DMA 162P is a two channels class-D power amplifier, equipped with on-board signal processing. Its natural use is in combination with a DMA 82 or DMA 162 unit, in order to increase Commercial Audio systems installed power and to implement multi-room architectures. However, its configurability, control tools and available inputs allow to use it as a stand alone amplifier.

DMA 162P 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 easy configuration through DIP-SWITCH or (optional) RDNet board.

FEATURES

- 2 x 160W RMS power handling (@ 4 ohm)
- Class-D amplifier unit
- 20 ÷ 20000 Hz frequency range
- Full on-board processing
- RCF speakers presets and proprietary bass enhancer algorithm
- FIR phase filters
- Flexible and scalable multi-room architecture
- Remote MUTE command for the connection to Voice Alarm Systems
- Suitable for desk top or rack installation (optional accessory required)

TECHNICAL SPECIFICATIONS

Amplifier specifications	Amplifier Class:	D
	Number of channels:	2
	Power output per channel (@ 4 ohm):	160 W RMS
	Power output (bridged @ 4 ohm):	320 W RMS
	Power output (@ 100 V):	320 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:	5
	Balanced:	4
	Unbalanced:	1
	Mono:	4
	Stereo:	1
	Line inputs:	5
	Line connectors:	RCA, RJ45
	General Purpose Inputs (GPI):	2

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:	DIP switch, PC Software

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

Power requirement	Operating voltage:	90-240 V~ 50/60HzV ~ Hz
	Power consumption (MAX):	400 W

Standard compliance	CE marking:	Yes
	Energy Star:	Yes

RCF

Physical specifications	Cabinet/Case Material:	Metal
	Color:	Black
	Rack mounting:	1/2 19″, 1U , Optional rack mounting accessory required

Size	Height:	44 mm / 1.73 inches
	Width:	213 mm / 8.39 inches
	Depth:	304 mm / 11.97 inches
	Weight:	3 kg / 6.61 lbs

Shipping informations	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

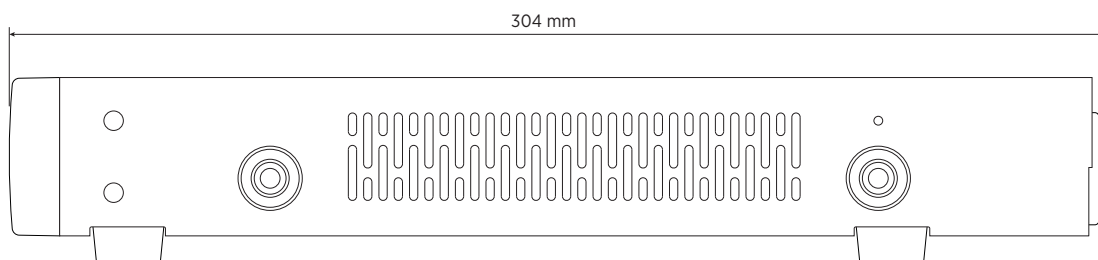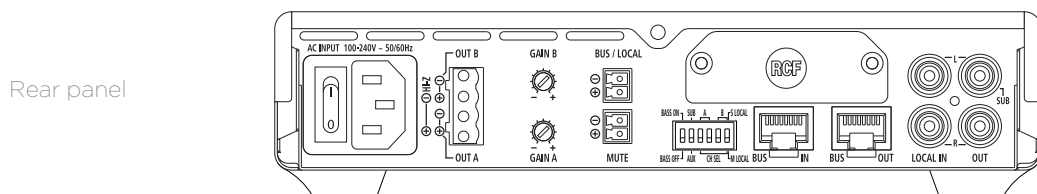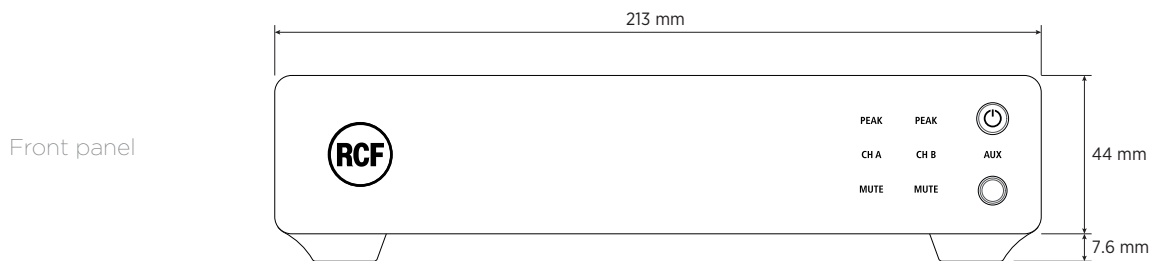## PART NUMBER

- **12100045**

  DMA 162P UK

  UK

- **12100042**

  DMA 162P US

  US

- **12100028**

  DMA 162P EU

  EU

  EAN 8024530017163

DRAWINGS

Front panel

Rear panel
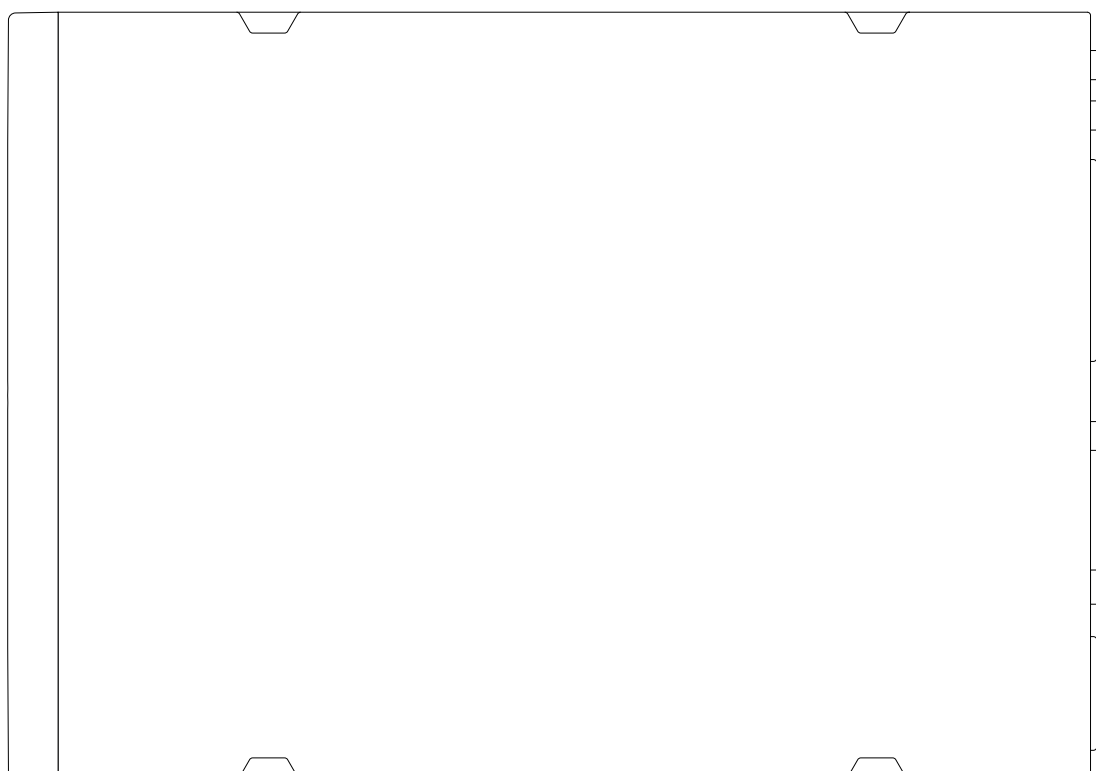
ACCESSORIES

	ACCESSORY RDNET BOARD DMA/DPA	PART NUMBER	**12399048**
		EAN:	8024530017750
	RACK ACCESSORY AR 1050	PART NUMBER	**17360039**
		EAN:	8024530016180
	RACK MOUNT KIT RM-KIT DMA-DPA	PART NUMBER	**13360426**
		EAN:	8024530017415