DMA 504

FOUR CHANNELS MATRIX AMPLIFIER



Description

DMA 504 is a four-channel Class-D matrix amplifier providing 4 power outputs of 500 Watts each. Equipped with a powerful DSP platform, inputs and outputs can be managed in terms of routing and equalization. The complete set of processing functions includes PEQ, FIR filters, bass enhancement, limiters, compressors, and environmental equalization. Presets for RCF speakers are available on each channel for optimal acoustic performance and reliability. It can distribute 4 audio channels to other units through an analog audio BUS, combining a flexible and scalable multi-room architecture with an easy connection and installation. Configuration is simple and user-friendly and can be carried out through either the front panel controls (with OLED display) or RDNet. Thanks to its installation flexibility, accurate design, and robustness, DMA 504 is ideal for a wide range of business music and installed sound applications.

Features

› 4 x 500 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
› RDNet for networked management
› Remote controls and paging console accessories

Part Number

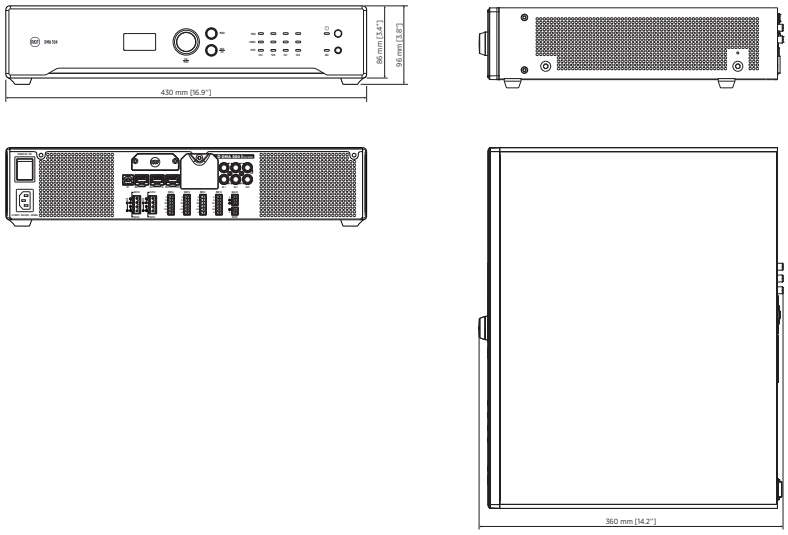
12100035	DMA 504	EU	90-240 V	Black	EAN 8024530018764
12100048	DMA 504 US	US	90-240 V	Black	EAN 8024530020361
12100049	DMA 504 UK	UK	90-240 V	Black	EAN 8024530020378

Products are continually improved. All specifications are therefore subject to change without notice.

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Line Art 2D



TECHNICAL SPECIFICATIONS

Amplifier specifications	Amplifier Class	D
	Output Power (EIAJ 8:32 all channels driven)	4 x 700 W @ 2.7 ohm 4 x 500 W @ 4 ohm 4 x 300 W @ 8 ohm 2 x 1100 W @ 4 ohm (bridge) 2 x 1000 W @ 8 ohm (bridge)
	Output power @ 70 V	2 x 1000 W @ 70 V
	Frequency Response (-3dB)	20 Hz - 20000 Hz
	Distortion (THD+N) @ 1 kHz nominal power	<0.05 %
Input section	Total number of inputs	5
	Balanced	2
	Unbalanced	3
	Mono	2
	Stereo	3
	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

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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
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	800 W
Standard compliance	Safety agency	CE compliant
Physical specifications	Cabinet/Case Material	Metal
	Color	Black
	Rack mounting	19", 2U
Size / Weight	Height	96 mm / 3.78 inches
	Width	430 mm / 16.93 inches
	Depth	360 mm / 14.17 inches
	Weight	6.2 kg / 13.67 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

WALL MOUNT REMOTE CONTROLS

12399051	RC 401 EU	Black - RAL 9005	EAN 8024530017217
12399052	RC 401 EU	White - RAL 9003	EAN 8024530017224
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