



MX 9504

AMPLIFIED MASTER UNIT



Description MX 9504 is the DXT 9000 system master unit with 4 x 125 W Class D on-board power amplifier: it shall be used for small and medium applications limited requiring limited output power and number of zones. It can work as independent unit or in combination with amplified slave units. The system can be completed with several models of emergency microphone consoles, EN 54-4 power supplies, accessories and management/monitoring software.

- Features**
- › 8 x 6 configurable digital matrix
 - › Powerful DSP platform on-board
 - › Dual AC and DC power supply
 - › 4 x 125 W power amplifier
 - › PC software configuration
 - › Emergency messages on monitored memory
 - › 12 configurable monitored GPI
 - › 8 configurable monitored GPO
 - › Front panel HMI

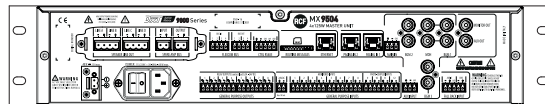
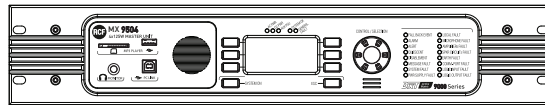
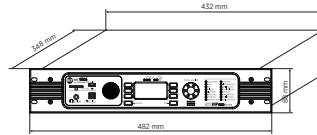
Part Number 17170175 MX 9504 90-240 V EAN 8024530010911



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Line Art 2D



TECHNICAL SPECIFICATIONS

System specifications

Number of zones managed	128
Built-in power amplifier	Yes
Spare amplifier automatic change-over	Yes
Max number of consoles	32
Number of console buses	2
Number of simultaneous emergency audio channels	4
Number of digital audio channels	4
Max number of units connectable	32
Communication bus	RCF bus
Connection Cables	FTP CAT 5, FTP CAT 6, J-Type fire-rated
Integrated pre-recorded emergency messages	Yes
Integrated pre-recorded routine messages	Yes
Message scheduler	Yes
Remote monitoring	Yes

Amplifier specifications

Amplifier Class	D
Number of channels	4
Power output (@ 100 V)	500 W RMS
Frequency Response (-3dB)	20 Hz ÷ 20000 kHz
Distortion (THD+N) @ 1 kHz nominal power	<0.01 %
Line ring	Yes



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Input section	Total number of inputs	8	
	Balanced	5	
	Unbalanced	3	
	Mono	8	
	Line inputs	5	
	Line connectors	Euroblock, RCA	
	Mic+Line inputs	1	
	Mic+Line connectors	Euroblock	
	Mic+Line Phantom	24 V DC	
	VOX	Yes	
	Paging inputs	2	
	Paging connectors	RJ45	
	Paging command	Serial	
	Paging emergency	Yes	
	General Purpose Inputs (GPI)	12	
	Programmable GPI	Yes	
	Monitored GPI	8	
	Photo-coupled GPI	4	
	Output section	Signal output number	4
		Signal output connectors	JACK, RCA
General Purpose Outputs (GPO)		8	
Programmable GPO		Yes	
Monitored GPO		8	
Processing	DSP	Yes	
	EQ Filters	Yes	
	Compressors	Yes	
	Tone controls	Yes	
	High-pass filter	200 Hz	
	Automatic Gain Control (ACG)	Yes	
Controls	Configuration	Ethernet, Front panel, PC Software	
	Number of programs/presets	64	
	Priority	Yes	
	Music on hold	Yes	
Protections	Chime tone	Yes	
	Cooling	Convection/Forced	
	Short circuit	Yes	
	Thermal	Yes	
	DC	Yes	
Audio sources	Fuses	Yes	
	VHF (Very High Frequencies)	Yes	
	USB pen drives	Yes	
Power requirement	SD card	Yes	
	Operating voltage	220-240/115 V- 50/60Hz	
	Voltage selection	Internal	
	DC power	Yes	
	DC power value	48 V	
	Max current AC 230V	4	
	Max current DC	15	
Power consumption	800 W		
Standard compliance	Safety agency	CE compliant	
	EN54-16 certified	Yes	
	CPR number	0068-CPR-0022014	



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Physical specifications	Cabinet/Case Material	Metal
	Rack mounting	19", 2U
Size	Height	88 mm / 3.46 inches
	Width	482 mm / 18.98 inches
	Depth	350 mm / 13.78 inches
	Weight	8.3 kg / 18.3 lbs
	ACCESSORIES	
Cables	CJ 428CAT	12399047 8024530016449
	CJ 428E	14380021 8024530012397
Electronics	NS 9048	12399036 8024530014193