

# 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

## 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

### 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

<b>Output section</b>	Signal output number:	4
	Signal output connectors:	JACK, RCA
	General Purpose Outputs (GPO):	8
	Programmable GPO:	Yes
	Monitored GPO:	8
<b>Processing</b>	DSP:	Yes
	EQ Filters:	Yes
	Compressors:	Yes
	Tone controls:	Yes
	High-pass filter:	200 Hz
	Automatic Gain Control (ACG):	Yes
<b>Controls</b>	Configuration:	Ethernet, Front panel, PC Software
	Number of programs/presets:	64
	Priority:	Yes
	Music on hold:	Yes
	Chime tone:	Yes
<b>Protections</b>	Cooling:	Convection/Forced
	Short circuit:	Yes
	Thermal:	Yes
	DC:	Yes
	Fuses:	Yes
	VHF (Very High Frequencies):	Yes
<b>Audio sources</b>	USB pen drives:	Yes
	SD card:	Yes
<b>Power requirement</b>	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
<b>Standard compliance</b>	EN54-16 certified:	Yes
	CE compliance:	Yes
	CPR number:	0068-CPR-0022014
<b>Physical specifications</b>	Cabinet/Case Material:	Metal
	Rack mounting:	19", 2U
<b>Size</b>	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

**Shipping informations**

Package Height:	204 mm / 8.03 inches
Package Width:	549 mm / 21.61 inches
Package Depth:	474 mm / 18.66 inches
Package Weight:	8.3 kg / 18.3 lbs

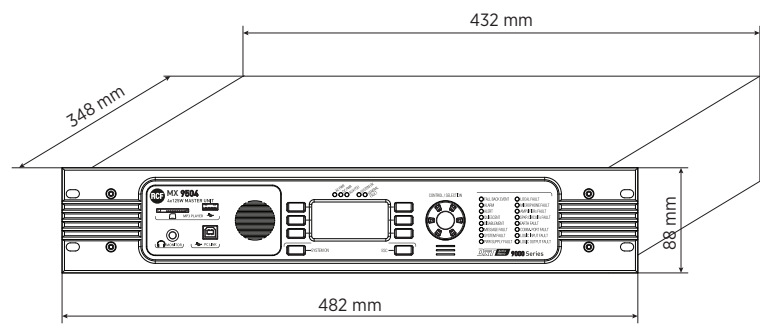
**PART NUMBER**

- **17170175**

MX 9504

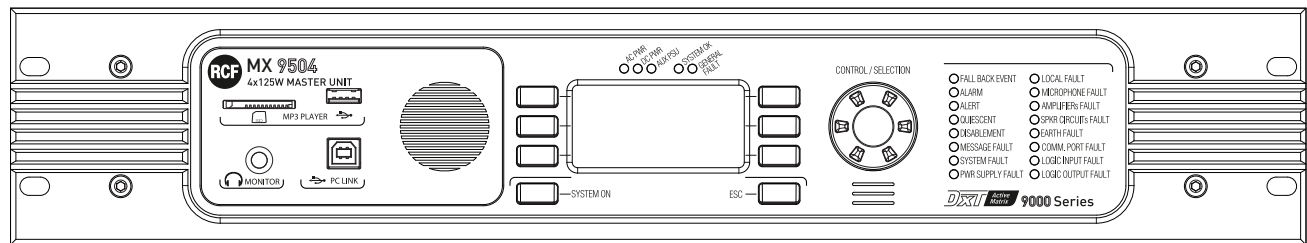
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DRAWINGS

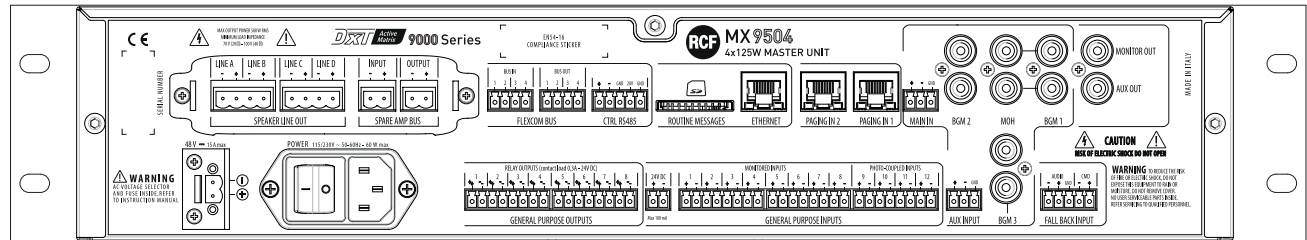


PANELS

Front panel



Rear panel



**ACCESSORIES**

ACCESSORY NS 9048 NOISE SENSOR

PART NUMBER **12399036**  
EAN: 8024530014193

CJ 428CAT CABLE FTP 4x2x22 AWG CAT 5E FR  
(PH120)

PART NUMBER **12399047**  
EAN: 8024530016449

CJ 428E CABLE 4X2X8/10 JE-H(ST)H 300/500 V  
(E30/E60) (PH120)

PART NUMBER **14380021**  
EAN: 8024530012397