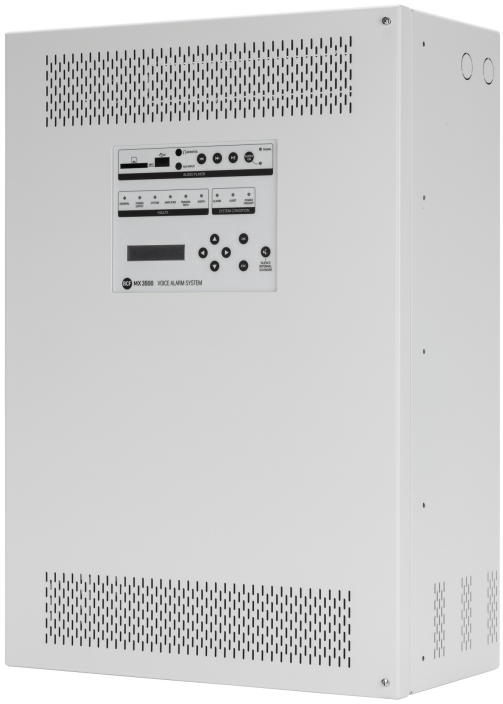
MX 3500/2

AMPLIFIED MASTER UNIT



Description

MX 3500 is the master unit of the Voice Alarm system DXT 3000, dedicated to small and medium size applications where an EN 54-16 certified system is required. It is equipped with powerful and exceptionally reliable Class D power amplifiers, able to provide up to 500 W of total power. Depending on the model, it is able to serve up to 6 independent zones. Moreover, the spare power amplifier facility is also available. The internal power supply is certified EN 54-4, and the back-up batteries can be host inside the cabinet, making the system a complete and extremely compact solution. Moreover, the on-board DSP platform allows optimizing environmental equalization, maximizing voice intelligibility and background music performance. The system can be completed with emergency microphone consoles BM 3804, BM 3804FM and ME 3801, and the buttons extensions BE 3806, allowing to add live announcements functionality.

Features

› 500 W total power
› 2 zones controlled
› DSP platform on-board
› Certified EN 54-16 and EN 54-4
› Emergency messages on monitored SD card
› Spare power amplifier facility
› Integrated audio source on front panel
› Wall mount or rack mount installation

Part Number

12100009 MX 3500/2	220-240/115 V White	EAN 8024530014698

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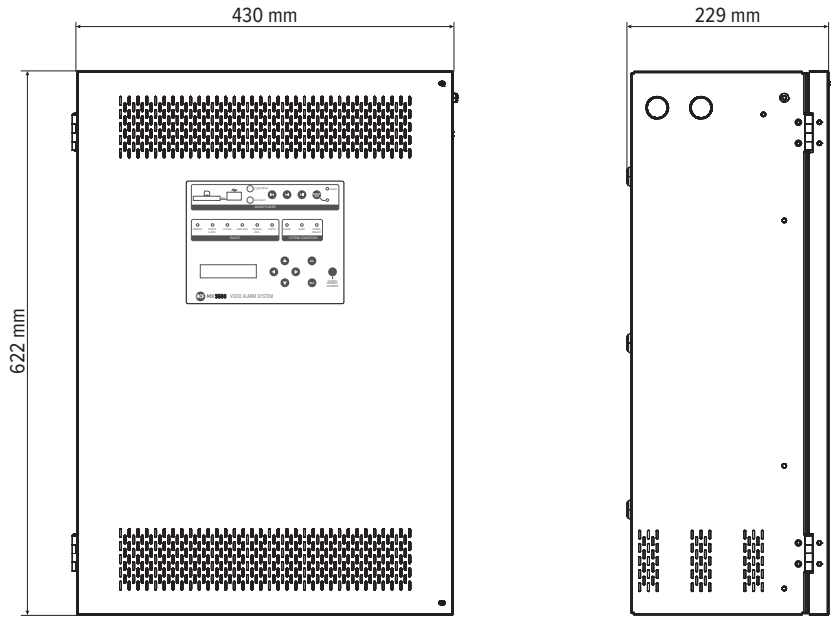
Line Art 2D



TECHNICAL SPECIFICATIONS

System specifications	Number of zones managed	2
	Built-in power amplifier	Yes
	Spare amplifier automatic change-over	Yes
	Max number of consoles	4
	Number of console buses	1
	Number of simultaneous emergency audio channels	1
	Max number of units connectable	8
	Communication bus	Serial
	Connection Cables	FTP CAT 5
	Integrated pre-recorded emergency messages	Yes
Amplifier specifications	Amplifier Class	D+
	Number of channels	2
	Power output (@ 100 V)	500 W RMS
	A/B speakers line	Yes
	Frequency Response (-3dB)	80 Hz - 16 kHz
	Signal/noise rate ("A" weighted)	>98 dB
	Distortion (THD+N) @ 1 kHz nominal power	<0.3 %

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Input section	Total number of inputs	3
	Balanced	3
	Mono	3
	Line inputs	2
	Line connectors	Euroblock, JACK
	VOX	Yes
	Paging inputs	1
	Paging connectors	Euroblock
	Paging command	Serial
	Paging emergency	Yes
	General Purpose Inputs (GPI)	6
	Monitored GPI	6
	Photo-coupled GPI	6
Output section	Signal output number	1
	Signal output connectors	JACK
	Power output lines	2
	Power output connectors	Euroblock
	General Purpose Outputs (GPO)	6
Processing	DSP	Yes
	Tone controls	Yes
	High-pass filter	20 Hz - 500 Hz
Controls	Configuration	DIP switch, Front panel
	Chime tone	Yes
Protections	Cooling	Convection
	Short circuit	Yes
	Thermal	Yes
	DC	Yes
	Fuses	Yes
	VHF (Very High Frequencies)	Yes
Audio sources	USB pen drives	Yes
	SD card	Yes
Power requirement	Operating voltage	220-240/115 V~ 50/60Hz
	Voltage selection	Internal
	DC power	Yes
	DC power value	48 V
	Power consumption	700 W
Standard compliance	IP protection grade	IP 30
	Safety agency	CE compliant
	EN54-16 certified	Yes
	EN54-4 certified	Yes
	CPR number	0068-CPR-007/2015

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Physical specifications	Cabinet/Case Material	Metal
	Color	White
	Rack mounting	19", 14U
Size / Weight	Height	620 mm / 24.41 inches
	Width	430 mm / 16.93 inches
	Depth	230 mm / 9.06 inches
	Weight	19.4 kg / 42.77 lbs

ACCESSORIES

-	14380036	BE 3806	EAN 8024530012120
	14322013	BM 3022 Grey	EAN 8024530007034
	14380028	BM 3804	EAN 8024530012137
	14380037	BM 3804FM Red - RAL 3000	EAN 8024530012885
	14322030	ME 3801 White	EAN 8024530015732
Electronics	**BATTERIES**		
	13360317	BATT 18AH 2X Black	EAN 8024530015923
	BOARDS		
	12399049	IT 3010 Black	EAN 8024530016388
	13360344	MG 3006	EAN 8024530013356
	END OF LINES		
	17170176	EOL 3-9	EAN 8024530011864
Cables	**CABLES**		
	12399047	CJ 428CAT	EAN 8024530016449