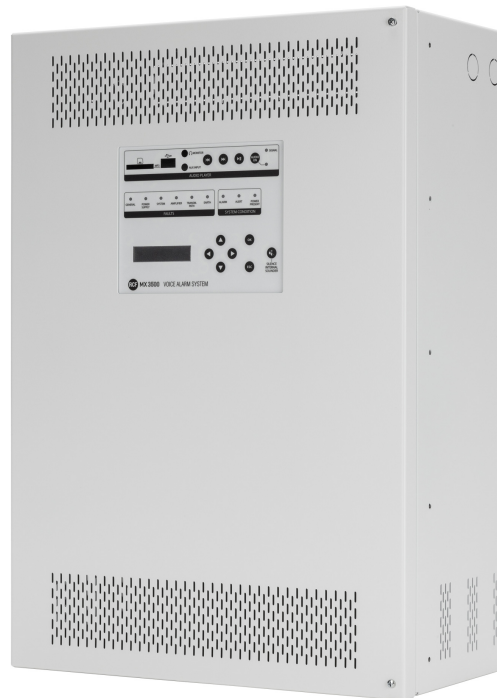




MX 3500/6

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
 - › Up to 6 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

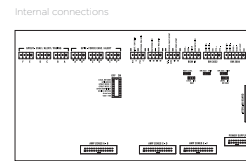
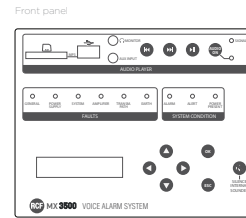
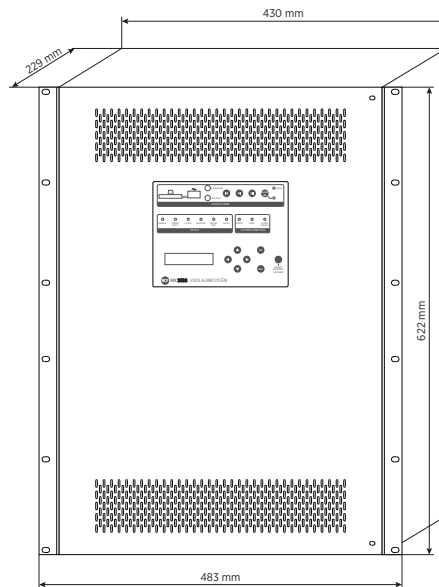
Part Number 12100011 MX 3500/6 220-240/115 V White EAN 8024530014711



MX 3500/6

AMPLIFIED MASTER UNIT

Line Art 2D



System specifications

TECHNICAL SPECIFICATIONS

- Number of zones managed
- Built-in power amplifier
- Spare amplifier automatic change-over
- Max number of consoles
- Number of console buses
- Number of simultaneous emergency audio channels
- Max number of units connectable
- Communication bus
- Connection Cables
- Integrated pre-recorded emergency messages

- 6
- Yes
- Yes
- 4
- 1
- 1
- 8
- Serial
- J-Type fire-rated
- Yes

Amplifier specifications

- Amplifier Class
- Number of channels
- Power output (@ 100 V)
- A/B speakers line
- Frequency Response (-3dB)
- Signal/noise rate ("A" weighted)
- Distortion (THD+N) @ 1 kHz nominal power

- D+
- 6
- 500 W RMS
- Yes
- 80 Hz ÷ 16 kHz
- >98 dB
- <0.3 %

Input section

- Total number of inputs
- Balanced
- Mono
- Line inputs
- Line connectors
- VOX
- Paging inputs
- Paging connectors
- Paging command
- Paging emergency
- General Purpose Inputs (GPI)
- Monitored GPI
- Photo-coupled GPI

- 3
- 3
- 3
- 2
- Euroblock, JACK
- Yes
- 1
- Euroblock
- Serial
- Yes
- 6
- 6
- 6



MX 3500/6

AMPLIFIED MASTER UNIT

Output section	Signal output number	1
	Signal output connectors	JACK
	Power output lines	6
	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
Audio sources	VHF (Very High Frequencies)	Yes
	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
Physical specifications	Cabinet/Case Material	Metal
	Color	White
	Rack mounting	19", 14U
Size	Height	620 mm / 24.41 inches
	Width	430 mm / 16.93 inches
	Depth	230 mm / 9.06 inches
	Weight	22 kg / 48.5 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	EAN 8024530015923
	BOARDS	
12399049 IT 3010	EAN 8024530016388	
13360344 MG 3006	EAN 8024530013356	
	END OF LINES	
	17170176 EOL 3-9	EAN 8024530011864
Cables	CABLES	
	12399047 CJ 428CAT	EAN 8024530016449