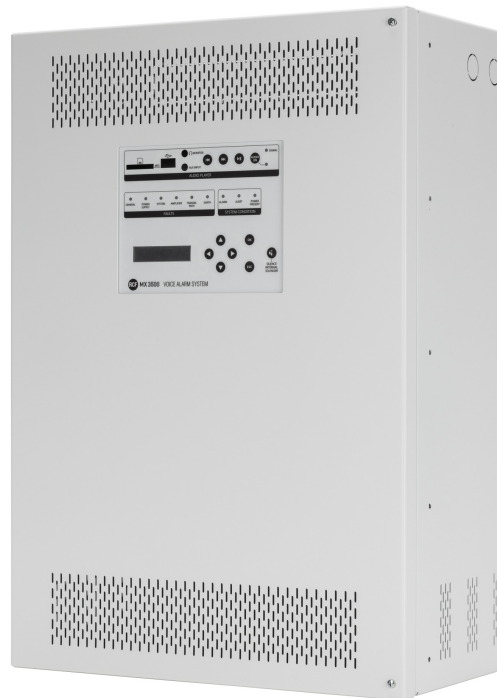




# MX 3500/2

## 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

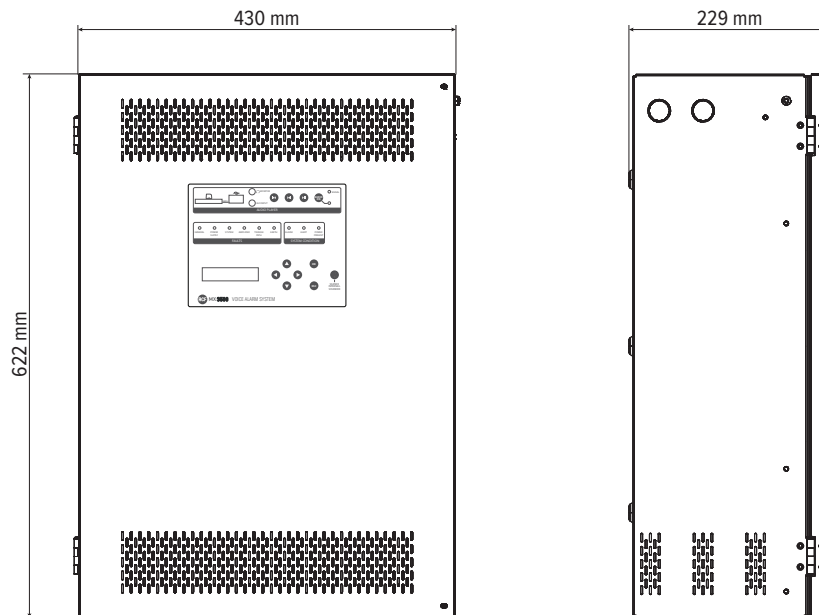
**Part Number** 12100009 MX 3500/2 220-240/115 V White EAN 8024530014698



# MX 3500/2

## AMPLIFIED MASTER UNIT

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                               | J-Type fire-rated |
| 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 %         |



# MX 3500/2

## AMPLIFIED MASTER UNIT

|                     |                               |                         |
|---------------------|-------------------------------|-------------------------|
| 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       |



# MX 3500/2

## AMPLIFIED MASTER UNIT

### 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