

# MX301

## Intelligent Sounder and Strobe



### Features and Benefits

- EN54-3 Compliance
- Built-in MCU processor with Digital Addressing
- 17 tones Programmable Sound Output
- Programmable types such as Sounder-Strobe, Sounder or Strobe alone
- Programmable Evacuate or Pre-alarm/Evacuate signal
- Low and Normal consumption mode
- One or Two addresses mode
- 10 Hi-Luminance LED status cluster
- Onsite Adjustable Parameters
- Loop or External Power input
- Aesthetically pleasing design
- Surface mounting with Base for ease of installation

### Overview

The MX301 Addressable Sounder Strobe is an Audio & Visual alarm warning device used to notify personnel in the vicinity during the occurrence of fire, in order that appropriate measures could be taken. The unit adopt multi- application configuration starting from the types, parameters and wiring layout in a single unit. The MX300 can change into different alarm warning types such as sounder-strobe type, sounder type or strobe type using programming tools. In addition, parameters can be configured according to the requirement which include alarm tone from 17 different tones, single address or dual address mode and also setting of power mode to low current consumption by means of simple programming.

Manufactured in compliance to European Standards, EN 54 Part 3, the unit is aesthetically pleasing with unobtrusive design that will complement modern building designs. . The Plug-in type construction enables ease of installation and maintenance.

The MX301 Addressable Sounder Strobe is compatible to the MX Series Intelligent Addressable Fire Alarm System, produced by single manufacturer to avoid addressable communication compatibility problem.

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### DATA SHEET

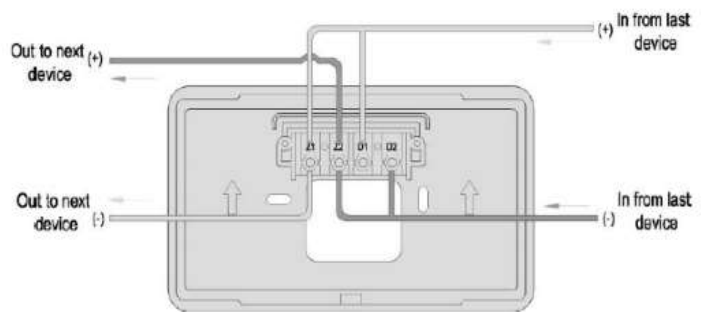
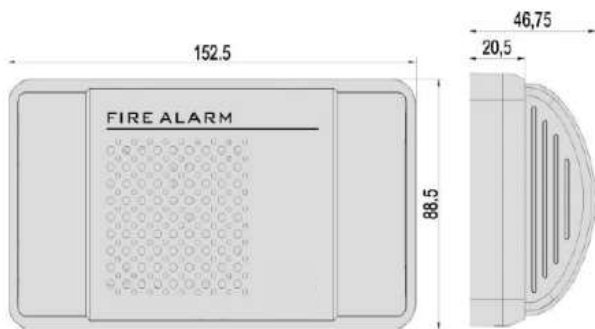
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### Technical Specification

|                           |  |  |
|---------------------------|--|--|
| Approvals and Standards   | EN54-3   |  |
| Input Voltage             | Loop Power: 24VDC (18V to 27.5V)                             |  |
| Power Source              | Loop Powered   | External PSU: 24 VDC (20V to 27.5V)        |
| Typical Current           | Standby : 0.7mA  | Standby : 0.6mA                            |
|                           | Alarm : 1.5mA  | Alarm : 17mA                               |
| Saving Current            | Standby : 1.2mA, Alarm : 9mA                                 |  |
| Protocol/Addressing       | Proprietary  | Value range from 1 to 254                  |
| Address Sequence          | Single Address: Evacuate tone                                |  |
| Dual Address:             | 1 <sup>st</sup> Alert Tone                                   | 2 <sup>nd</sup> Evacuate tone Strobe Light |
| Highlights LED            | 10 Hi-Luminance LED  |  |
| Material / Colour         | ABS  | RED Glossy finishing                       |
| Dimension                 | 152.5mm Width x 88.5mm Height x 46.75mm Depth (without Base) |  |
| Weight                    | 184g (with Base)   | 124g (Without Base)                        |
| Class                     | Type A, Indoors  |  |
| Operating Temperature     | -10°C to +50°C   |  |
| Ingress Protection Rating | IP21   |  |
| Humidity                  | 0 to 95% Relative Humidity, Non condensing                   |  |

### Sounder and Wiring Details

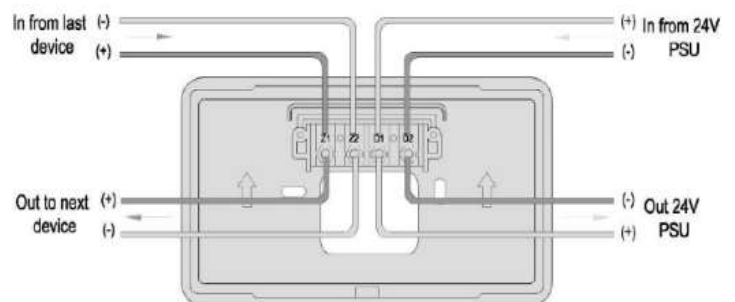


Loop Powered Wiring Details



#### Terminal Description

- Z1 Signal In (+)
- Z1 Signal Out (+)
- Z2 Signal In (-)
- Z2 Signal Out (-)
- D1 External PSU In (+) Optional
- D1 External PSU Out (+) Optional
- D2 External PSU In (-) Optional
- D2 External PSU Out (-) Optional



With External Supply Wiring Details