# MULTRON®

# MX302

## ADDRESSABLE

## SOUNDER STROBE BASE

### Features and Benefits

- EN54-3 Compliance
- Built-in MCU processor with Digital Addressing
- 17 tones Programmable Sound Output
- Encoding modes such as Single-encoding, Dual-encoding Mode 1 and Dual-encoding Mode 2
- Programmable Evacuate or Pre-alarm/Evacuate signal
- 10 Highlights LED status cluster
- Onsite Adjustable Parameters
- Loop Power input
- Aesthetically pleasing design
- Universal mounting with fix base for simple installation

### Overview

The MX302 Addressable Sounder Strobe Base is an alarm warning device used to notify persons in the vicinity of the occurrence fire emergency in order the person to take appropriate measures. The unit adopt multi-application device starting from the types, parameters and wiring layout in single unit. The MX302 Addressable Sounder Strobe Base is powered by the communication bus. The MX302 can change into different encoding modes such as Single-encoding Mode, Dual-encoding Mode 1 and Dual-encoding Mode 2 using a programming tool. And it has different starting modes such as started by a detector, a controller or other front-end linkage. In addition, the alarm tone can be configured according to the requirement from 17 different tones.

The unit manufactured base on the requirement of EN 54 part 3, European Standard. The unit is aesthetically pleasing with unobtrusive design that will complement modern building designs and its plug-in type assembles make installation and maintenance more convenient to the installer. The unit is compatible to the MX700 Analogue Intelligent Fire Alarm Control Panel, produced by single manufacture to avoid addressable communication compatibility problem.

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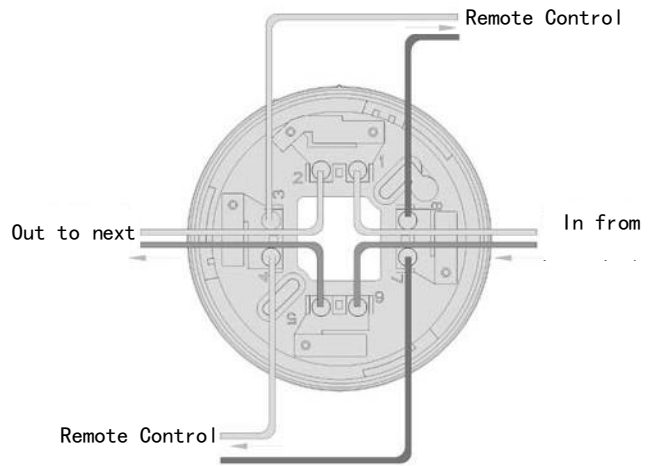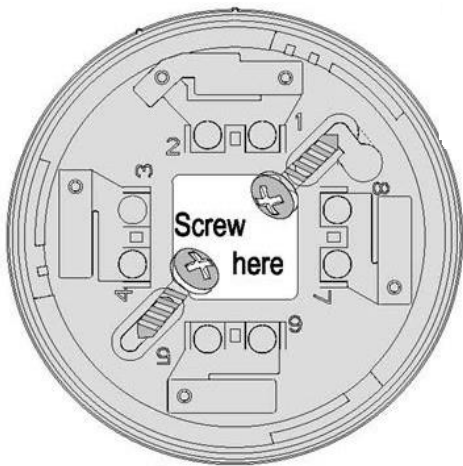| | | |
|---|---|---|
| **Listed** | LPCB Pending | |
| **Compliance** | EN54-3 | |
| **Input Voltage** | Loop Power: 24VDC (16V to 28V) | |
| **Current Consumption** | Standby : ≤0.8mA | Alarm : ≤5mA |
| **Protocol/Addressing** | Proprietary | Value range from 1 to 254 |
| **Address Sequence** | Single -encoding Mode: Alarm<br>Dual-encoding Mode 1:1st Alarm / 2nd Warning<br>Dual-encoding Mode 2: 1st Warning / 2nd Alarm | |
| **Strobe Light** | 8 Highlights LED | |
| **Material / Colour** | ABS | White Glossy finishing |
| **Dimension / Height** | Diameter 140mm / 59.1mm (with a cover) | |
| **Weight** | 198g (With cover) | 180g (Without cover) |
| **Class** | Type A, Indoors | |
| **Operating Temperature** | -10°C to +55°C | |
| **Ingress Protection Rating** | IP30 | |
| **Humidity** | 0 to 95% Relative Humidity, Non condensing | |

Fig.1 base structure and the terminals connection diagram
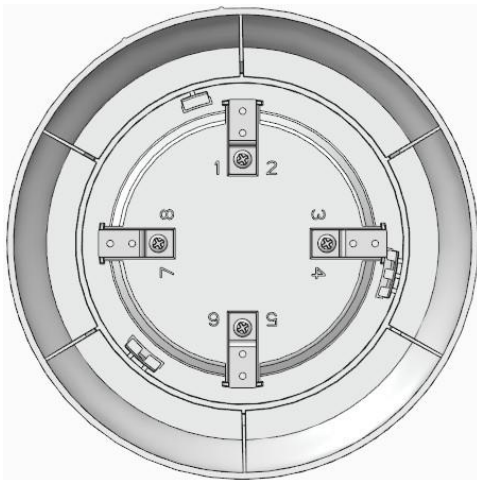


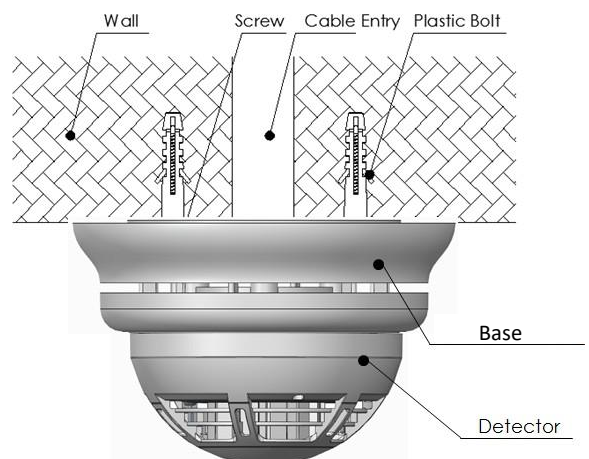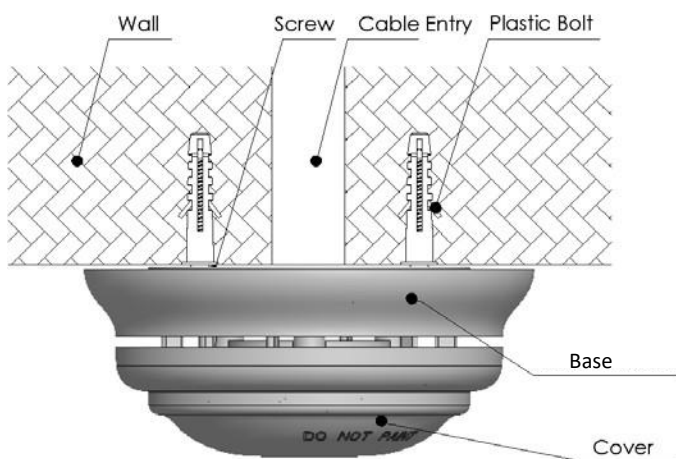Fig.2 Bottom structure of the Base
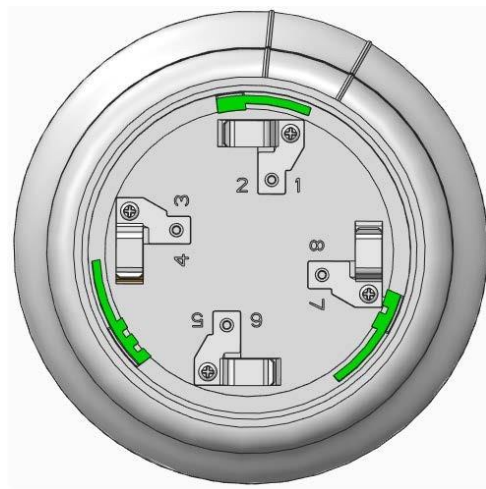


Fig.3 Top structure of the Base



Fig.4 Addressable Flashing Beacon Base with an upper cover or a detector

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