

Features and Benefits

- EN54-3 compliance
- Built-in MCU processor and digital addressing
- 17 tones Programmable sound output (Note: Tone 14, Tone 16 and Tone 17 are recognized by LPCB)
- Encoding modes such as Single-encoding Mode, Dual-encoding Mode 1 and Dual-encoding Mode 2
- Programmable Evacuate or Pre-alarm/Evacuate signal
- 8 highlights LED status cluster
- Be started directly by a detector
- Onsite adjustable parameters
- Loop power input
- Aesthetically pleasing design
- Universal mounting with fix base for simple installation



Overview

The LF-X5302 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 LF-X5302 Addressable Sounder Strobe Base is powered by the communication bus. The LF-X5302 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 assemblies make installation and maintenance more convenient to the installer. The unit is compatible to the LF-X500 Analogue Intelligent Fire Alarm Control Panel, produced by single manufacture LIFECO, to avoid addressable communication compatibility problem.

Technical Specification

Listed	LPCB Certification
Compliance	EN54-3
Input Voltage	Loop Power: 24VDC [20V to 27.5V]
Current Consumption Standby	0.8mA, Alarm: 5mA
Protocol/Addressing	LIFECO, Value range from 1 to 254
Address Sequence	Single-encoding Mode: Alarm
	Dual-encoding Mode 1: 1st Alarm / 2nd Warning
	Dual-encoding Mode 2: 1st Warning / 2nd Alarm
Strobe Light	8 highlights LED
Material / Colour	ABS / White glossy finishing
Dimension / Height	Diameter 140mm / 58.1mm (with a cover)
Weight	198g (with a cover)/180g (without a cover)
Class	Type A, Indoors
Operating Temperature	-10°C to +55°C
Ingress Protection Rating	IP21
Humidity	0 to 95% Relative Humidity, Non condensing

Sounder and Wiring Details

Terminal Description

1. Signal In (+)
2. Signal Out (+)
3. Remote Indicator (+)
4. Remote Indicator (+)
5. Signal In (-)
6. Signal Out (-)
7. Remote Indicator (-)
8. Remote Indicator (-)

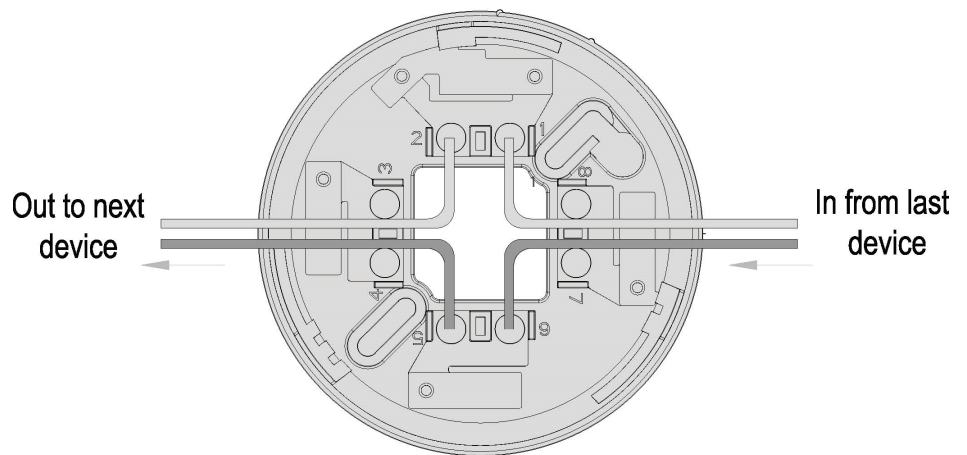


Figure 1 Terminals connection diagram



Figure 2 Addressable Sounder Base with an upper cover or a detector