

## Feature and Benefits

- EN54-18 Compliance
- Built-in MCU processor and digital addressing
- Intelligent self-diagnosis of open circuit
- Enhanced capacity of interference resistance by using multilevel wave filtering process
- LED status indicator
- Onsite Adjustable Parameter
- Loop and external power input
- Aesthetically pleasing design



## Overview

The LF-X5211 Addressable Sounder Circuit Module unit is an addressable interface module, which will integrate conventional sounder or bell to addressable system. When any of the connected devices alarms are active, the addressable sounder circuit module can receive the alarm message from fire alarm controller, which generates alarm signal and displays its address. The LF-X5211 Addressable Sounder Circuit Module unit can match with the conventional sounder or bell. LF-X5211 Addressable Sounder Circuit Module unit has the function of checking short or open circuit of the output connection, by the End of Line Resistor (EOLR). The fault message includes open circuit, short circuit or any removal of the conventional sounder or bell.

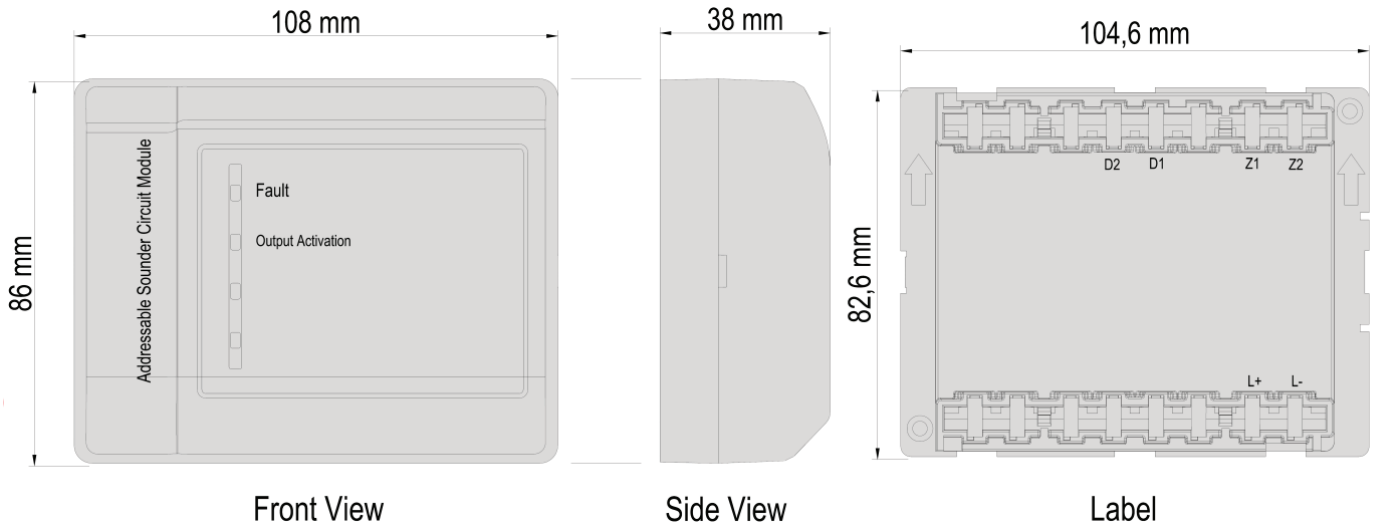
The unit manufactured base on the requirement of EN 54 part 18, European Standard. The unit is aesthetically pleasing with unobtrusive design that will complement modern building designs and its plug-in type assemblies make installation and maintenance more convenient to the installer. The unit is compatible to the LF-X500 Analogue Intelligent Fire Alarm Control Panel, produced by single manufacture LIFECO, to avoid addressable communication compatibility problem.

## Technical Specification

|                           |   |
|---------------------------|---|
| Compliance                | EN54-18:2005/AC2007   |
| Operating Voltage         | Loop: Loop 24V (16V~28V)<br>Power: 24VDC (20VDC~28VDC)  |
| Current Consumption       | Loop: Standby 1.5mA, Alarm: 10mA<br>External PSU: Standby 4mA, Alarm: 500mA   |
| Alarm Mode                | 4 modes   |
| End of line Resistance    | 5.1Kohms / ¼ W  |
| Programming Method        | Electronically addressed with 1~254, occupies one or two addresses.   |
| Indicator Status          | Fault LED: red, flashes when polling, flashes twice when the circuit is short, broken or 24V power off. Output Activation LED: red, illuminates when start. |
| Material / Colour         | ABS / White Glossy finishing  |
| Dimension / LWH           | 108 mm x 86 mm x38 mm   |
| Weight                    | 170g (with Base), 92g (without Base)  |
| Operating Temperature     | -10°C to +50°C  |
| Ingress Protection Rating | IP30  |
| Humidity                  | 0 to 95% Relative Humidity, Non condensing  |



**Module and Wiring Details**



**Figure 1:** Addressable Sounder Circuit Module

**Terminal Description**

- Z1 Signal In/Out (+)
- Z2 Signal In/Out (-)
- D1 External Power Supply (+)
- D2 External Power Supply (-)
- L+ Sounder Output (+)
- L- Sounder Output (-)

