I-9404
Intelligent Sounder

Description

I-9404 Intelligent Sounder is an audible notification device, which can be activated by fire alarm control panel. In case of fire condition, by command from the control panel, the sounder will generate strong audible alarm signal to warn people evacuate from the building.
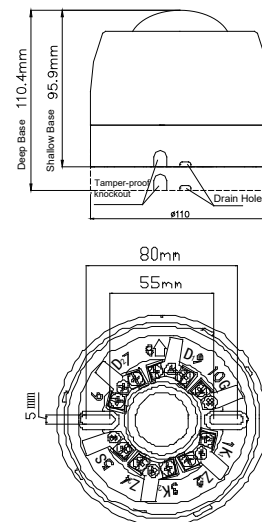
Features and Benefits

- Two parts structure with base mounted termination allows easy installation
- 16 programmable alarm tones
- Optional power saving mode or hi-consumption mode
- Electronically addressed
- Single/dual address programmable
- Comply with EN54-3

Certificates and Compliance

- Standards: EN54-3
- Certifications: LPCB

Terminals and Installation Holes

Terminals and dimensions of the sounder are shown below.

Z1 (2), Z2 (4):   Loop, non-polarized
D1 (9), D2 (7):   24VDC, non-polarized

Recommended Cabling

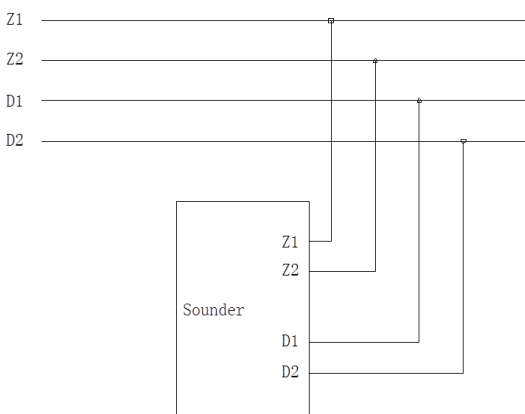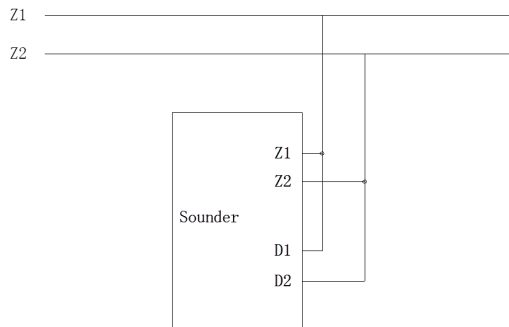$1.5mm^2$ or above fire cable is recommended，but subject to local codes.

Application

The Address, tones and working modes can be set through P-9910B handheld programmer. The factory default is tone 14, single address, normal consumption mode.

Mode Code	Tone	Address Quantity	Pre-alarm	Working Mode
1-16	1-16	1	No	Power Saving
17-32	1-16	2	Yes	Power Saving
33-48	1-16	1	No	Normal
49-64	1-16	2	Yes	Normal

When the sounder takes 2 addresses, the 1st address will sound in pre-alarm tone.

The sounder sits in GST addressable loop. It can be loop powered or powered by external 24VDC. In loop power mode, the capacity is maximum 20 pieces per loop. Below figures show the typical connection for loop power and external 24VDC power.

For surface cabling project, an optional deep base can be applied.

Technical Specification

Operating Voltage	Loop: 24V (20V~28V) Power: 24V (20V~28V)

Standby Current	**Power-saving mode:**
	※ Loop-powered:
	  Loop monitor current≤2mA
	  Start current≤7mA
	※ External 24V powered
	  Loop monitor current≤1mA
	  Start current≤2.5mA
	  Power monitor current≤1.5mA
	  Start current≤7mA
	Normal mode:
	※ Loop powered
	  Loop monitor current≤2mA
	  Start current≤25mA
	※ External 24V powered
	  Loop monitor current≤1mA
	  Start current≤2mA
	  Power monitor current≤1mA
	  Start current≤25mA

Programming Mode	Electronically addressed
Programming Range	1~242
Ingress Protection Rating	IP33C
Operating Temperature	-10°C ~ +50°C
Relative Humanity	≤95%, non-condensing
Dimension	110mm×95.9mm (shallow base)
Enclosure	ABS
Weight	About 327.2g

Ordering Information and Compatible Products

Part No.	I-9404
Device Name	Intelligent Sounder
Product No.	10106300
Compatible Panels	GST100 Intelligent Fire Panel GST200-2 Intelligent Fire Panel GST200N Intelligent Fire Panel GST- IFP8 Intelligent Fire Panel

Accessories and Tools

Part No.:	P-9910B
Device name:	Handheld Programmer
Product No.:	10104894

Part No.:	C-94DB
Device name:	Deep Base
Product No.:	30203792