



I-9403 Intelligent Sounder Strobe



Description

I-9403 Intelligent Sounder Strobe is an audible and visual notification device, which can be activated by fire alarm control panel. In case of fire condition, by command from the control panel, the sounder strobe will generate strong audible and visual alarm signal to warn people evacuate from the building.

Features and Benefits

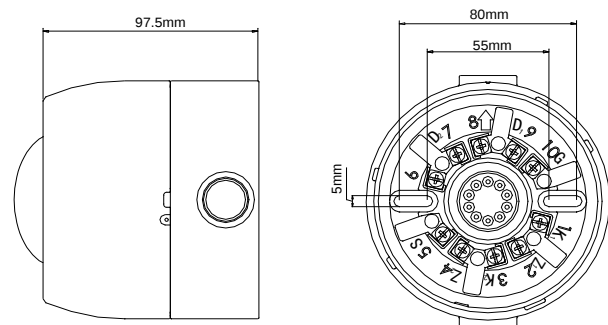
- Two parts construction with base mounted termination allows easy installation
- 16 programmable alarm tones
- Optional Evacuate + Alert mode
- Strobe provided by high intensity LED cluster
- Switch off Light or Sound output for special applications
- Optional loop powered or external 24VDC powering
- Optional power saving mode or hi-consumption mode
- Electronically addressed
- Comply with EN54-3:2001 + A1:2002 + A2:2006 standard. LPCB/CPD approved.

Certificates and Compliance

- BS5839-1 Compliant
- WEEE & RoHS Compliant
- Standards: CE / CPD / 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

1.5mm² or above fire cable is recommended, but subject to local codes.

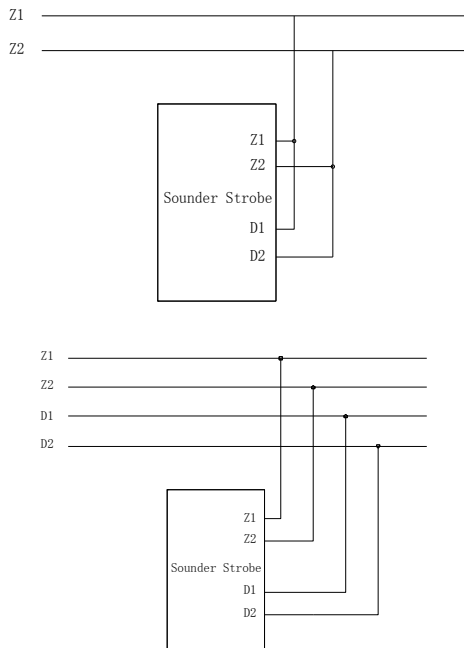
Application

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	Normal
33-48	1-16	1	No	Power Saving
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 currents≤2mA Start currents≤9mA ✧ External 24V powered Loop monitor currents≤1mA Start currents≤2mA Power monitor currents≤1mA Start currents≤9mA Normal mode: ✧ Loop powered Loop monitor currents≤2mA Start currents≤35mA ✧ External 24V powered Loop monitor currents≤1mA Start currents≤2mA Power monitor currents≤1mA Start currents≤35mA
Programming Mode	Electronically addressed
Programming Range	1~242
Ingress Protection Rating	IP33
Operating Temperature	-10 °C ~ +50 °C
Relative Humidity	≤95%, non condensing
Enclosure	ABS
Dimension	110mm×83mm (shallow base)
Weight	About 327.2g

Ordering Information and Compatible Products

Part No.	I-9403
Device Name	Addressable base mount sounder
Order Code	1112408
Compatible Panels	GST100 Intelligent Fire Alarm Control Panel GST200-2 Intelligent Fire Alarm Control Panel GST- IFP8 Intelligent Fire Alarm Control Panel
Compatible Detectors	I series digital detectors (DZ-03 base)

Accessories and Tools



Part No.: P-9910B
Device name: Handhold Programmer
Order Code: 1274894



Part No.: C-94DB
Device name: Deep Base
Order Code: 4553792