



## I-9403

### Intelligent Sounder Strobe

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

- Strobe provided by high intensity LED cluster. Optional transparent colorless lens (C-94WL) available.
- Electrically addressed, can be modified by programmer.
- Single/dual address programmable.
- Optional Evacuate & Alert mode
- 16 selectable tones.
- Optional loop powered or external 24VDC powering.
- Optional power saving mode or hi-consumption mode.
- Working modes: sounder & strobe / strobe only / sounder only.
- LPCB approved
- Standard: EN 54-3.

#### Wiring

Z1(2), Z2(4): loop of FACP, non-polarized.  
 D1(9), D2(7): External 24VDC, non-polarized.  
 Connect to Z1&Z2 in loop powered mode.

#### Recommended Cabling

1.0mm<sup>2</sup> or above fire cable for each terminal, subject to local codes

#### Application

Address can be set through P-9910B programmer  
**Typical connection**

##### 1. Loop Powered.

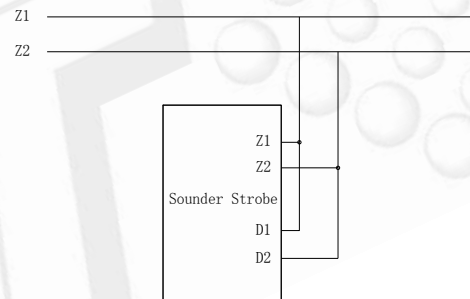


Fig.1

##### 2. External 24VDC.

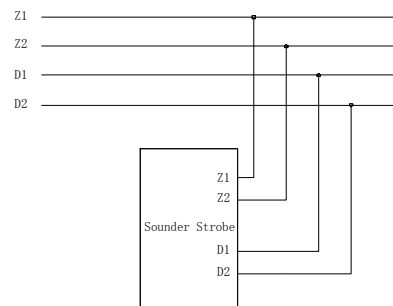


Fig. 2

#### Setting alarm tone

Use P-9910B handheld programmer to set the address(s), tone and consumption mode. Use function-3 to change the pre-settings. The tones is listed below.

## Tone Type

Tone	Description
01	970Hz
02	800Hz / 970Hz @ 2Hz
03	800Hz -970Hz @1Hz
04	970Hz 1s off / 1s on
05	970Hz, 0.5s / 630Hz, 0.5s
06	500Hz - 1200Hz×3, 3.5s on / 0.5s off
07	2850Hz, 0.5s on / 0.5s off×3 / 1.5s off
08	2850Hz 0.4s on, 0.3s off
09	550Hz, 0.7s / 1000Hz, 0.33s
10	1500Hz -2700Hz @ 3Hz
11	2400Hz
12	500Hz -1200Hz @ 0.33Hz
13	2400Hz -2900Hz @ 9Hz
14	2400Hz -2900Hz @ 3Hz
15	800Hz-970Hz @ 3Hz
16	500Hz-1200Hz, 3.75s / 0.25s off
Pre-alarm	800Hz 1s off / 1s on

## Specification

Operating Voltage	Loop: 24V (16V~28V) Power:24VDC(20VDC~28VDC)
Power Consumption	Power-saving mode: <ul style="list-style-type: none"> <li>◇ Loop-powered: Loop standby current≤2mA Active current≤9mA</li> <li>◇ External 24V powered Loop standby current≤1mA Active current≤2mA Power standby current≤1mA Active current≤9mA</li> </ul> Normal mode: <ul style="list-style-type: none"> <li>◇ Loop powered Loop standby current≤2mA Active current≤35mA</li> <li>◇ External 24V powered Loop standby current≤1mA Active current≤2mA Power standby current≤1mA Active current≤35mA</li> </ul>
Programming Method	Electronically addressed. Code range is within 1~242.
Flash Frequency	<ul style="list-style-type: none"> <li>◇ Single address: 1.4 Hz</li> <li>◇ Dual addresses: 1<sup>st</sup> address activated: 0.7Hz 2<sup>nd</sup> address activated: 1.4 Hz</li> </ul>
Ingress Protection Rating	IP33
Operating Temperature	-10℃~+50℃
Relative Humidity	≤95%, non condensing
Material	ABS
Dimension	φ110mm×97.5mm (deep base) φ110mm×83mm (shallow base)
Weight	About 355g (deep base) About 327.2g (shallow base)

## Accessories and Tools

Model	Name	Remark
P-9910B	Hand Held Programmer	Order separately
B-9310	Back Box	Order separately

This document is subject to change without notice. Please contact GST for more information or questions.

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