

## Intelligent Sounder Driver I-9308



### Technical Specifications

- Protection rating: IP 30
- Output Capacity: 500mA
- Control Mode: Pulse
- Operating voltage: 24Vdc Loop voltage
- Power Supply: 24Vdc
- Operating Current:
- Loop Monitoring current 1mA
- Loop Action Current: 4mA
- Power Monitoring current: 10mA
- Power Action Current: 500mA
- Operating temperature: -10°C to +50°C
- Relative humidity: 95%
- End of Line: 4.7KΩ 1/4watt
- Application: Indoor use
- Visual Indicator: twin LED, Red ( lit steady when alarm, 3 sec interval blinking at normal state) Yellow (fault)
- Programming mode: Electronic programming within 1~242, occupying two addresses
- Material and colour: ABS, ivory-white
- Wiring: 2 pair non polarized
- Dimensions: 120mmx80mmx39mm

### Features and Benefits

1. Interface with conventional polarized sounder and bell
2. Microprocessor to monitor the cable
3. Photoelectric isolation for the loop and power supply.
4. Electronically addressed
5. Utilized two addresses ( Alert and Evacuate)
6. Easy installation and connection.
7. Twin LED status indicator

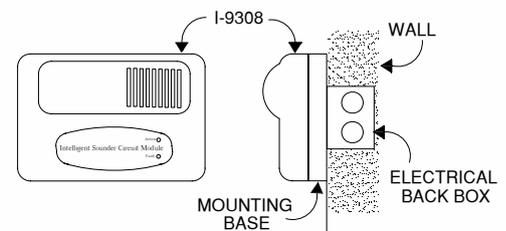
### Description

The I-9308 Intelligent Sounder Circuit Module is used to make addressable control the pre-alarm sound and fire alarm sound or conventional sounder/bells. The module incorporates a cable monitoring function. When there is short circuit, open circuit or power cut, the module will give fault indication, and the controller displays a fault condition. Two continuously addresses are incorporated. If the 1<sup>st</sup> address is active, the module will switch output at ALERT mode, 0.25s ON and 0.75s OFF. If the 2<sup>nd</sup> address is active, the output will be in EVACUATE mode, 0.25s ON and 0.25s OFF. The 2<sup>nd</sup> address will override the 1<sup>st</sup> one. It means EVACUATE has the high priority.

Electronic addressing can be done through Handhold Programming tool (P-9910), purchased separately.

### Mounting Module Base

The sounder module should be installed in compliance with all local codes and/or NFPA 72 National Fire Alarm Code, NFPA 70 National Electrical Code, BS5389, and EN45. It is installed onto a standard one gang electrical box with a mounting hole has 6.5cm spacing.



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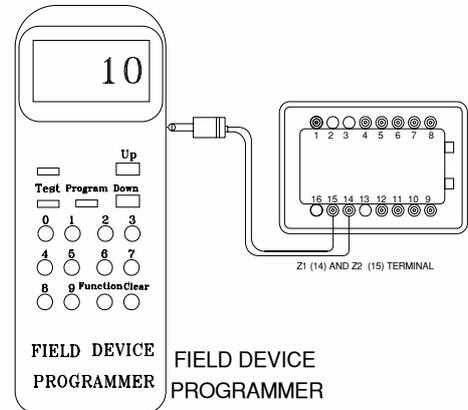
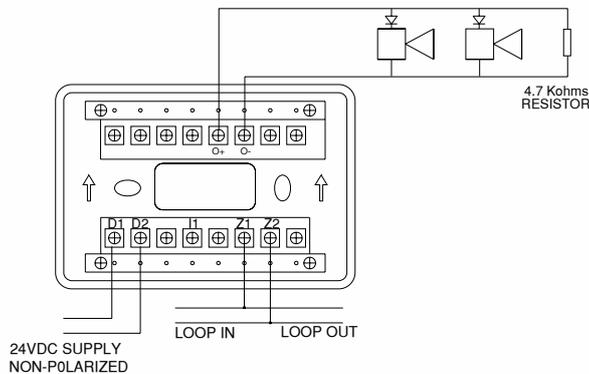


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### Wiring and Connection

Connect the wires to the required terminal according to the wiring diagram. The L+.L- is for sounder output, polarized, the D1, D2 is for 24VDC power supply, non-polarized and the Z1, Z2 is loop of the controller, non-polarized. The cable must be fire rated type and the size depends on the wiring distance and application. Minimum size gauge 1.0mm<sup>2</sup>(18 AWG)



### Selection of compatible Control Panels

Compatible with all GST Intelligent Fire Alarm Panels GST 200, GST 5000, GST 9000.

### Ordering Information:

Part No	Description	Weight /Kg	Pack Qty per Box
I-9308	Intelligent Sounder Driver Module	.191	120

### Programming

The address of Sounder circuit module can be programmed using GST handheld programmer (P-9910), connect the two wires of the handheld programmer to Z1 and Z2 terminals of the module. Program the 1<sup>st</sup> address, the module will automatically take the next address also. See Manual for more information

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Note: Specifications are subject to change without notice.

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