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Global System Technology PLC
The Intelligent Solution

Addressable Sounder and Strobe I-9403 / I-9404

Features and Benefits

1. High sound level
2. Low power consumption
3. High intensity LED cluster
4. Remote start input can be used to drive with other systems
5. Programmable alarm mode, evacuate or alert/evacuate mode
6. Electronically addressable
7. Easy installation and connection.

Description

The I-9403 is a detachable, surface mounted sounder and strobe while the I-9404 is identical in appearance and features to the I-9403 but without strobe element. The audio efficiency and sound distribution generate over 85 dB at 3 meter distance giving an excellent audibility from the device location. Using six highlights LED's for high intensity visual alarm to warn the people. The GST sounder series are convenient plug and turn installing method, two part construction with base mounted termination allows easy installation and avoiding the wiring and connection problem associated with traditional sounder.

Specification

Part Number	**I-9403**	**I-9404**
Protection rating	IP 33	
Approval	LPCB,CE	CE
Standard	EN54-part 3	
Sound level output	Alert Sound: 75dB; Evacuate sound: 85dB (at 3 meter)	
Main Sound Frequency	2.8Khz	
Strobe	6 highlight LED'	No feature
Operating voltage	Loop 24vdc ; Power Supply 24Vdc(16~28Vdc)	
Operating current	Loop: standby 1mA/ alarm 5mA ; Supply current: standby 3mA / alarm 65mA	Loop: standby 1mA/ alarm 5mA ; Supply current: standby 3mA / alarm 35mA
Operating Temperature	-10°C to 50°C @ 95% relative humidity	
Addressing Mode	Electronic programming with 1~242	
Application	Indoor and outdoor use	
Materials and colour	ABS / red; plexiglass / red	
Dimension	Ø 110mm x 97.5 mm	
Wiring	4 wires: 2 wires for loop (non-polarized) ; 2 wires for power cable(non-polarized)	

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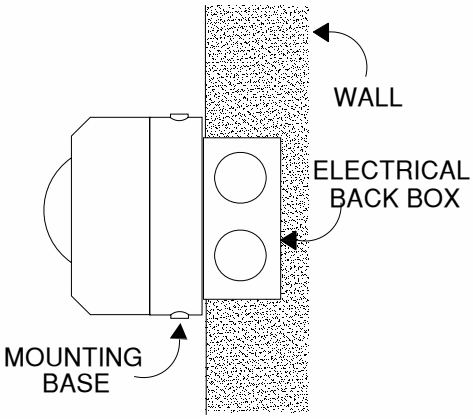
Sounder Installation

The sounder should be installed in compliance with all local codes or NFPA 72 National Fire Alarm Code, NFPA 70 National Electrical Code, BS5389 and EN54. It is installed onto a standard one gang electrical box with a mounting hole that has 6.5cm spacing.

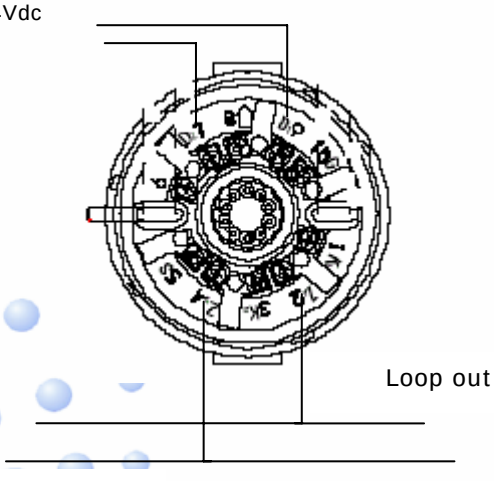


Wiring and Connection

Connect the wires to the required terminal according to the wiring diagram. The Z1, Z2 connect to addressable fire detection loop, non-polarized, the D1, D2 is for 24VDC power supply, non-polarized. The cable must be fire rated type and the size depends on the wiring distance and application. Minimum size gauge 1.0mm²(18 AWG)

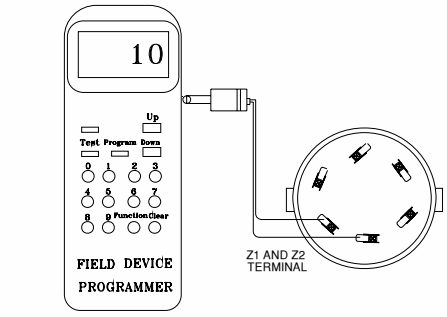
Power Supply

24Vdc



Programming

The address and mode of sound level of the sounder can be programmed using GST handheld programmer (P-9910), purchased separately. Connect the two wires of the handheld programmer to Z1 (2), Z2 (4) terminals of the sounder.fig1



FIELD DEVICE PROGRAMMER

Selection of compatible Control Panels

Compatible with all GST Intelligent Fire Alarm Panels GST 100, GST 200, GST5000 and GST 9000.

Ordering Information:

Part No	Description	Weight /Kg	Pack Qty per Box
I-9403	Addressable Sounder and Strobe	0.360	45
I-9404	Addressable Sounder	0.361	45

MANUFACTURED IN ACCORDANCE WITH

Note: Specifications are subject to change without notice.

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