

# DC-M9402 Conventional Sounder Base



## Description

DC-M9402 Conventional Sounder Base (called the sounder base for short) is compatible with UL-listed D-series detectors. The base can give audible signals after activated. It is suitable for rooms where requiring audible signals once fire alarm occur, such as hotels, apartments, hospitals and so on.

## Features and Benefits

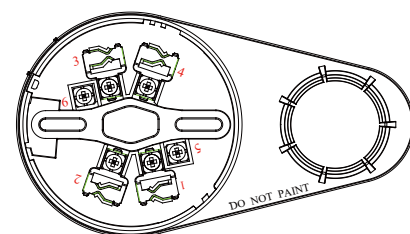
- Non-addressable, not occupy loop address.
- This base is plugged together with a fire detector.
- Comply with UL464, UL 268, UL 521, NFPA [70,72].

## Certificates and Compliance

- UL464, UL268, UL521, NFPA [70,72]
- Certifications: UL

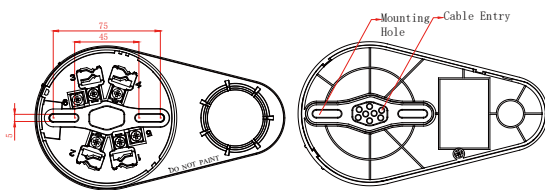
## Terminals and Installation Holes

Terminals of the conventional sounder base show as below



- 1, 3: When the sounder base install together with an intelligent detector, these terminals should connect with control panel loop, polarity insensitive; when the sounder base install together with a conventional detector, these terminals should connect with terminals I and G of intelligent zone monitor module DI-M9319.
- 5, 6: Connecting with fire alarm control panel NAC output terminals or outputs of driving module, 5 is positive and 6 is negative;
- 2, 4: Connecting with the terminals of remote indicator when the detector has remote indicator to be connected, polarity sensitive.

Dimension and installation holes of the sounder base show as below.



## Application

As UL-listed base for D-series intelligent detectors (DI-M9101, DI-M9102, DI-M9103) and conventional detectors (DC-M9101, DC-M9102, DC-M9103), the sounder base can directly connect with UL-listed GST-IFP4M fire alarm control panel NAC output refer to below Fig 1 and Fig 2. In this case, NAC output should be set to Synch mode. (Refer to GST-IFP4M Fire Alarm Control Panel Installation and Operation Manual for details). Terminal 5, 6 of the sounder base connects with panel NAC output, and connects 4.7k/1w end-of-line resistor at the last terminal. Please note polarity.

DO NOT USE LOOPED WIRE UNDER TERMINAL 1, 3, 5, 6. BREAK WIRE RUN TO PROVIDE SUPERVISION OF CONNECTIONS.

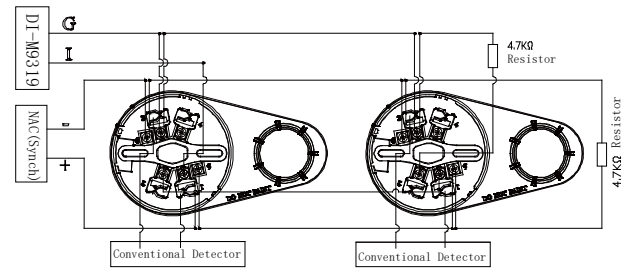


Fig 2 Connect with Conventional Detectors

If the sounder base connects with GST-IFP4M AUX/NAC power output through DI-M9305 module, terminals 5 and 6 connect with O1 and O2 of DI-M9305 respectively, refer to Fig. 3. In this case, AUX/NAC output should be set to AUX/NAC SYNC mode. Refer to GST-IFP4M Fire Alarm Control Panel for details.

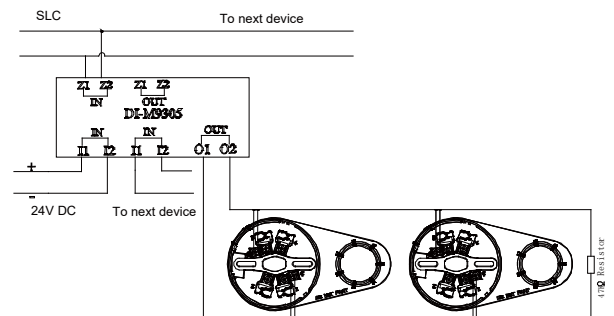


Fig. 3 Connect with driving module

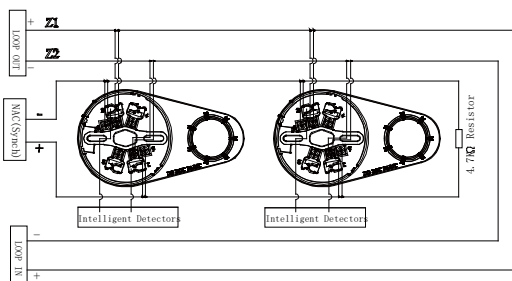


Fig 1 Connect with Intelligent Detectors

The sounder base can be set high/low sound pressure level by P-9910B Hand Held Programmer. Connecting terminals 5, 6 of the sounder base with a programmer, the setting above can be done. Please note polarity.

## Technical Specification

Operating Voltage	Special Application 24VDC(18VDC~28VDC)
Operating Current	≤10mA
Sound Pressure Level	≥85dB
Sound Frequency	3100Hz
UL Temperature Range	32°F(0°C)~100°F(37.8°C)
Operation Temperature Range	14°F(-10°C)~122°F(50°C)
Storage Temperature Range	-4°F(-20°C)~140°F(60°C)
Relative Humidity	≤95%, non condensing
Locations	Indoor installation, dry
Material and Color of Enclosure	Flame retardant ABS, white
Ingress Protection Rating	IP30
Dimension (L×W×H)	175mm×101mm×34mm
Mounting Hole Spacing	45mm~75mm
Weight	About 145g
Standard	UL464, UL268, UL521, NFPA [70,72]

## Ordering Information and Compatible Products

Part No.	DC-M9402
Device Name	Conventional Sounder Base
Product No.	10106029
Compatible Panels	GST-IFP4M Intelligent Fire Panel
Compatible Modules	DI-M9305
Compatible Detectors	D series digital detectors

## Accessories and Tools



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