

Cautions



ELECTRICAL HAZARD: Disconnect power from equipment prior to making any internal adjustments. Service should only be performed by qualified personnel.



FRAGILE: Inspect the equipment prior to installation. Do not install the equipment if damage is apparent. Do not attempt to disassemble this equipment. If damaged, return to the supplier.



ELECTROSTATIC HAZARD: This is sensitive electronic equipment. Apply safe ant-static practices when handling this equipment.



CIRCUIT LIMITATIONS: The maximum number of detectors connected to a single detection zone is limited by the control and indicating equipment, and may be limited by local regulations. In free running mode, the sound maybe out of sync, therefore please consider your own local code requirements due to the potential for seizures in patients diagnosed with Epilepsy.

General Description

The non-Addressable Mini Horn is sound alarm notification appliance which is powered by 2-wired DC 24V and indoor use only and wall mounted. It has the ability of volume adjustment function.

The product can be separated from the control panel or DC-M9420 (Non Addressable Sync Function Module) to work independently, when multiple products are connected to control panel or DC-M9420, the sound between products in the same circuit area can be synchronized.

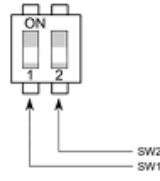
When an alarm signal is active please contact Local First Responders and if deemed false please contact qualified personnel for technical support.

Product Specifications

Nominal Voltage	Regulated 24 VDC
Operating Voltage Range	Regulated 16 VDC to 33 VDC
Operating Temperature	32° to 120° F (0° to 49°C)
Humidity Range	10% to 93%, non-condensing at 100° F (38°C)
Dimensions	115.4mm × 75.8mm × 37.7mm
Connections	Terminal for 18 AWG to 12 AWG (0.82 mm ² to 3.31 mm ²)
Mounting Box	Single Gang Box
Model: DC-M9428W	White
Model: DC-M9428R	Red

Sound Level and Electrical Characters

High Output Sound Level	Maximum Operating Current RMS
High	55 mA
Standard	55 mA

SW Setting	SW2	SW1	Sound Pressure Level Measurement (dBA)
	ON: Horn OFF: CAN Horn	Sound Level	Reverberant Room at 10 Feet Per UL464
		ON: High Output	79.2
		OFF: Standard Output	69.0

The Minimum sound pressure is measured in UL reverberant test chamber.

The alarm Tone adjust switch is located in the PCBA of the product, as shown in Figure1,

To remove the cover, Depress the snap at the top of the Mini horn with a flat tip screwdriver while pulling the cover up with the other hand.

To open the cover, Depress the snap at the top of the Mini horn with a flat tip screwdriver while pulling the cover up with the other hand.

Note: Mini Horn will change the tone pattern to Canadian Broadband Horn if the appliance sw2 set to OFF in FAST MARCH TIME mode.

Wiring

In order to ensure that the total current consumption of the circuit does not exceed the maximum load current of the FACP or DC-M9420 module, the device quantity must be considered in the design of the loop system.

The wiring circuit is shown in Figure 2.

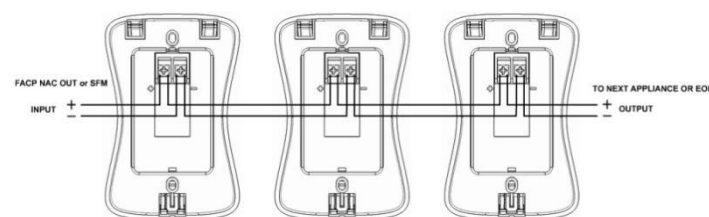


Figure 2.

Mounting Application Device

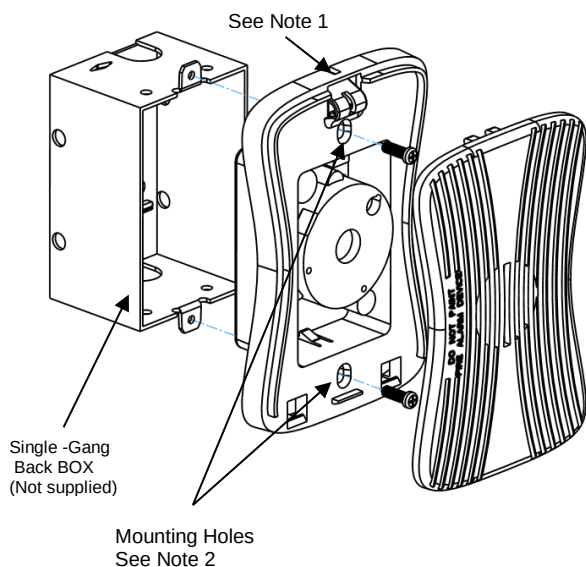


Figure 3.

The products could be installed in single-gang box.

Before installing and wiring, the power of the loop circuit must be power off.

After the completion of the terminal to ensure that the terminal lock, Mini Horn installation diagram shown in Figure 2.

See Figure 3 for mounting the notification appliance to the enclosure box.

Note:

Note 1: To remove the cover, Depress the snap at the top of the Mini horn with a flat tip screwdriver while pulling the cover up with the other hand.

Note 2: The Mini horn attaches directly to a standard single-gang box (not supplied) flush mounted or surface mounted. Attach the mini horn to the electrical box using two screws (supplied) mounted.

Wire type: 18-12AWG,

Maximum tightening torque: 0.5Nm (4.4Lb.in).

Limited Warranty

GST will repair or replace the product to the original purchaser free of charge, if defective in materials or workmanship during the warranty period (24 months from the date of shipment), subject to the terms below. Please contact GST directly for a return merchandise authorization (RMA) number before returning goods under warranty. Shipment must be prepaid and GST will repair or replace the product if the failure was caused by a manufacturing defect. GST is not responsible for defects or problems as a result of conditions or applications including normal wear and tear; catastrophe; fault or negligence of any user or any party other than GST; improper installation, application, storage, maintenance, or use of products; other causes external to products; or failure to conform to any applicable recommendations of GST.