

DC-M9430 & DC-M9431 & DC-M9432 & DC-M9433 & DC-M9435 & DC-M9439 Non-Addressable Chime or Multi-Horn & Multi-Candela Notification Appliance



Description

The multi-Candela notification appliances are LED strobe and sound alarm products which are non-addressable and powered by 2-wired DC24V and wall mounted indoor use only notification appliances. That could provide 15cd, 30cd, 75cd, 110cd level strobe and multi-tone sound alarm. The appliances could be activated by GST DC-M9420 SFM (Non-Addressable Sync Function Module) or control panel that is UL/ULC Listed.

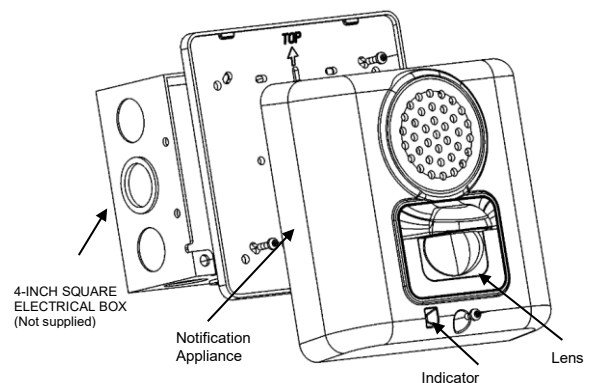
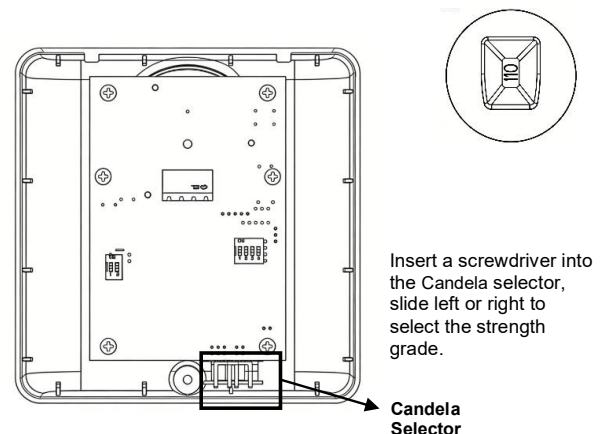
When multiple products are connected to control panel or SFM, the sound and light between products in the same circuit area can be synchronized.

The product can be separated from the control panel or SFM to work independently.

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

Installation

The products are wall-mounted type, but could be installed in standard square 4-inch double gang box. If you don't have gang box, you can purchase GST DC-M9435-B base



Technical Specification

		DC-M9430	DC-M9431	DC-M9432	DC-M9433	DC-M9435	DC-M9439
Operating Voltage	Regulated 16 VDC to 33 VDC						
Nominal Voltage	Regulated 24 VDC						
Alarm Current for Wall-mount Strobe series @16VDC	15cd			32 mA	40 mA	45 mA	
	20cd	27mA					
	30cd			60 mA	70 mA	69 mA	
	75cd			87 mA	95 mA	93 mA	
	110cd			106 mA	121 mA	122 mA	
Sound Level for Wall-mount Chime Series @16VDC / dBA	750Hz					51.22-70.6	50.96-68.84
	1250Hz					51.47-70.59	57.33-73.96
Sound Level for Wall-mount Multi-tone (High Output) @16VDC / dBA	Hi/Lo	84.13	83.92		83.95		
	Horn	88.36	87.7		87.78		
	Slow Whoop	82.1	81.8		81.87		
	60BPM	83.53	83		84.27		
	Siren	82.94	82.67		82.8		
	500 Hz Horn	85.21	85.39		85.91		
	Bell	88.58	88.53		88.09		
	120BPM	83.39	83.2		84.35		
Sound Level for Wall-mount Multi-tone (Standard Output) @16VDC / dBA	Hi/Lo	81.36	81.2		81.38		
	Horn	86.58	85.93		85.73		
	Slow Whoop	79.24	78.94		79.12		
	60BPM	81.31	81.12		81.66		
	Siren	80.19	79.83		80.04		
	500 Hz Horn	83.43	83.59		83.76		
	Bell	84.61	84.74		84.23		
	120BPM	81.22	81.2		81.64		
Strobe Flash Rate	1 flash per second						
Operating Temperature	32° to 120° F (0° to 49°C)						
Humidity Range	10% to 93%, non-condensing @ 100° F (38°C)						
Dimensions	140mm×140mm×45.5mm (without strobe) 140mm×140mm×66mm (with strobe)						

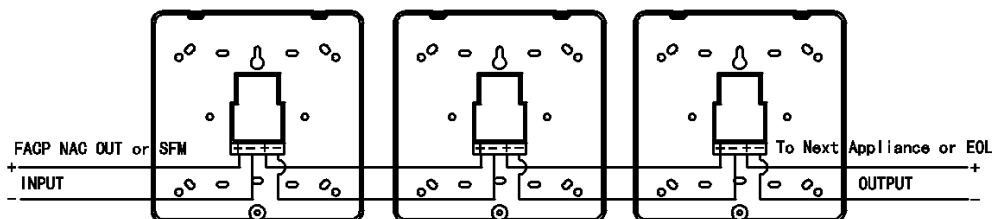
Cable Requirement

Wire type: 18-12AWG

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

Subject to local codes.

The wiring circuit is shown below:



IMPORTANT: This publication is a generic version in which product information is shown for informational purposes only and does not constitute a specific commitment or guarantee. We are constantly pursuing the improvement of product technology to improve product performance, for which we reserve the right to adjust the configuration and technical information of the related products without notice. In addition, the description of system performance in this publication applies only to the usual situation. As a result, there may be a variety of unpredictable special circumstances in the real world, so the realization of the relevant product performance will depend on the professional investigation and analysis and the design plan. Please contact us and we will be happy to provide you with professional advice.

Certification and Compliance

- Standards: UL 464 / UL 1971
- WEEE & RoHS compliant

Order Information

Part No.	Model Name	Description
61403928	DC-M9430W	Lower Consumption Wall Mount Multitone/Strobe
61403929	DC-M9430R	Lower Consumption Wall Mount Multitone/Strobe
61403923	DC-M9431W	Wall Mount Multitone
61403924	DC-M9431R	Wall Mount Multitone
61403925	DC-M9432W	Wall Mount Strobe
61403918	DC-M9432R	Wall Mount Strobe
61403920	DC-M9433W	Wall Mount Multitone/Strobe
61403919	DC-M9433R	Wall Mount Multitone/Strobe
61403922	DC-M9435R	Wall Mount Chime/Strobe
61403921	DC-M9435W	Wall Mount Chime/Strobe
61403926	DC-M9439W	Wall Mount Chime
61403927	DC-M9439R	Wall Mount Chime

Accessory and Tools

Part No.	Model Name	Description
61401100	DC-M9420	Synchronized Function Module
61403930	DC-M9435-BW	NAC Backbox(White)
61403931	DC-M9435-BR	NAC Backbox(Red)