Used as a Wireless Siren

In network mode, the siren is a control panel based system which should be connected to the wireless alarm panel. Once enrollment is successful, when alarm panel is alarming, the wireless siren will hoot loudly and the strobe lens flashes continuously.

Disarming the System will stop the siren sounding. If not disarmed, the Siren will sound for 5 minutes, and the Siren Status Indicator will flash once every second for visual notification of an alarm event.

Connect Siren to the Alarm Panel

Press enroll button, the enroll LED light up, siren enters enrolling state, press tamper switch of control panel, the connection is successful after enroll button flashes once. Press the enrolling button again to exit. System will exit automatically after 20 seconds.
If siren beeps twice, the accessory has been enrolled before.
If three beeps are heard, accessories were fully enrolled into system.
(Note! Please do not trigger any other accessories during connecting with alarm panel.)

Used as a Standalone Alarm System

As standalone mode, all accessories should enrolled to siren.
Any detector be triggered will activate siren to alarm immediately.

Connect Expandable Accessories to the Siren

Press enroll button of siren, the enroll LED light up, siren enters enrolling state, then trigger the accessory (for example: press arm button of remote control, depart the transmitter and magnet of door sensor etc.), the connection is successful after enroll button flashes once. Press the enrolling button again to exit. System will exit automatically after 20 seconds.

Clear All Enrolled Accessories

Press and hold the enroll button until one beep is heard, all enrolled accessories will be cleared.

Used as Wired Siren

Connect the wired output interface of alarm system to the input of siren. One cable for GND block, another for Z1 or Z2 block. (Z1 is 24 Hours zone, Z2 is normal zone)

Installation

Fit the Siren to the outside of the building in a position that is clearly visible and at a height which is relativelly inaccessible to an intruder. Mount the siren at a minimum distance of 1 meter away from any external or internal metalwork (drainpipes, gutters, radiators etc.) The siren alarm should be in installation mode and perform a placement test should be done before the installment.

Installation Mode

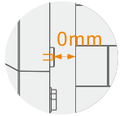
For ease of installation, users should adjust the siren to installation mode by pressing disarm button for 3 times. Siren enters the installation mode after the installation LED flashes rapidly. Any accessories triggered or tamper switch activated will not cause the alarming.

After installation, users should disarm the siren again to return to normal working mode.

Perform a placement test to ensure there is sufficient signal strength at the desired mounting location for proper communication between security panel and the siren.

Installation Steps

1. The wall tamper switch must remain closed when the outdoor siren is mounted.

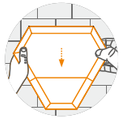


2. To install the self-tapping screws in right place with a piece of paper of screw mounting holes.

3. To nail the screws in to the wall.

4. Plug the battery cable into the battery connector.

5. Finish the installation and put it in the right place.



Tips:
1. Do not heat or drop the Strobe Siren in case of the damage of the component inside.
2. In case of the unexceptional case, the Strobe Siren should be tested regularly, so that it can be fixed at once.

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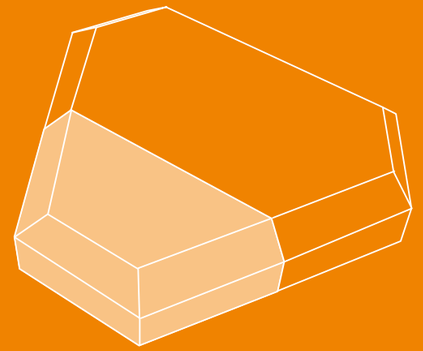
Outdoor Strobe Siren User Manual



PROTECTED BY SmartH ALARM SYSTEM

Features

Tamper protection
High powered siren & flashing strobe lens
Wireless transmission, easy for installation
More types of wireless accessories expandable
Siren volume & alarming time management
Automatic switch between AC & DC ensures uninterrupted power supply.

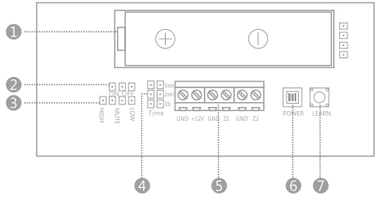
Specifications

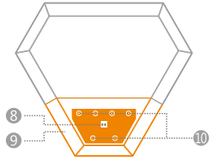
Power Supply: DC 12V
Static Current:＜16mA
Max Alarm Current:＜350mA
Battery Backup: 3.7V/2200mA Lithium battery
Static Current:＜9mA
Wireless Receiving Distance:80m (Open area)
Radio Frequency: 433MHz
Max Siren Volume:115dB
Operating Temperature: -25℃+55℃
Operating Humidity: ≤ 95%(non-condensing)
Housing Material: ABS
Measurement (LxHxW): 288x250x56.5 mm

Description

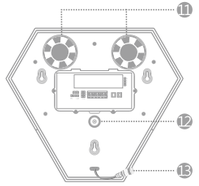
The strobe siren is high anti interference, can be used as wireless siren or wired siren. The Siren can be used as wireless Siren for the control panel and can also be used as a Standalone Alarm System when connected to the Sensors. The high powered siren and a flashing light with a colored lens will deter the intruder. Built in tamper sensors trigger an alarm if there is any attempt to tamper with the siren. Waterproof special with level IP56 for outdoor environment.

Diagram of PCB Board





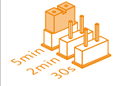
1.Built-in Battery
2.Arm/Disarm prompt on/off Jumper
3.Siren Volume Jumper
4.Siren Time Jumper
5.Wired Block
6.On/Off Switch
7.Enroll Button
8.Status LED
9.Status/Alarm Strobe Lens
10.Alarm LED



11.Built-in Siren
12.Anti-tamper Switch
13.Adapter Interface

Jumper Setup

User can setup Arm/Disarm Prompt, siren alarming duration, and siren volume. The wireless siren support the accessories programmed in home mode.

Arm/Disarm Prompt	On (as default)	Off	
Siren Alarming Duration	30s (as default)	2 min	5 min
			
Siren Volume	High Volume (as default)	Mute	Low Volume

Working Status of Siren

Status	Siren Sound	LED Indication
Arm/Stay Arm	1 Beep	Flashes once
Disarm	2 Beeps	Flashes once
Lower Voltage Arm	5 Beeps	Flashes once
Lower Voltage Disarm	5 Beeps	Flashes twice
Alarming	Alarming (alarming duration is setup by jumper)	Flashing
	Disarm to stop alarming	Flashing
Tamper(Whether arm or disarm)	Alarming for 30 seconds	Flashing for 30 seconds
Exit Delay	It beeps once every second. The sound will increase in tempo for the last 10 seconds for the "hurry up" notification. One beep will be heard after the time is up. The default delay time is 30 seconds.	Flashes once
Entry Delay	It beeps once every second. The sound will increase in tempo for the last 10 seconds for the "hurry up" notification. One beeps will be heard after the time is up. The default delay time is 30 seconds.	Flashes twice
Note: There is no prompt tone when system is mute armed or disarmed by the remote control. The siren also muted once the control panel setup to silent alarm type while alarming.		

Status Red LED Indication

Red LED Flashes once every 2 seconds: System Armed.
Red LED Flashes once every 5 seconds: System Armed in Stay Mode.
Red LED Off: System Disarmed.