

SIREN ALARM

Instruction Manual

Thank you for your support!

- Please read the instruction manual carefully before operation
- Please keep the instruction manual for future reference.



SHENZHEN NEO ELECTRONICS CO., LTD

Product Introduction

Please read the instruction manual carefully before operating Siren alarm is an intelligent device that can be controlled remotely by the radio frequency. Siren alarm send messages via Z-wave network to the Z-Wave main controller. In the Z-wave network communications, Siren alarm can be connected to any Z-wave main controller. Different countries or areas, the radio frequency of the Z-wave network is different. In the communication between the Siren alarm and Z-wave main controller, the siren alarm can both send and receive messages. When press the code button of siren alarm, it will send message to the Z-wave main controller, the Z-wave main controller can display the on/off status of the siren alarm when the siren alarm receives messages from the Z-wave main controller, the siren alarm will be triggered. The siren alarm is battery powered, small and easily install. When siren alarm is working, LED light will flash, and there will be alarm sound at the same time. The sound is not lower than 90 decibels.

Technical Parameters

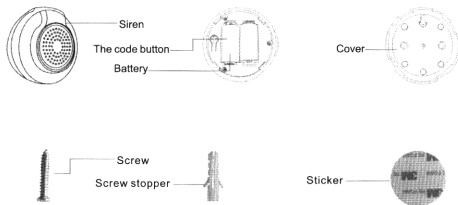
- ① Power supply: CR123A x 2
- ② Stand-by time: 1 year
- ③ Radio Frequency: 868.4MHz EU; 908.4MHz US
- ④ Compatible with 300 series and 500 series
- ⑤ Easy installation on wall or any surface
- ⑥ 10 sound can be select
- ⑦ Range: up to 70m outdoor, up to 50m indoor
- ⑧ Radio Protocol: Z-wave
- ⑨ Sound intensity: >90 dB
- ⑩ Operation temperature: 0~40°C Storage temperature: 0~60°C
- ⑪ Dimension: (D x W x H): 70mm x 68mm x 31mm

Technical Information

- ① When the siren alarm triggered, it will make alarm sound and LED light flash at the same time.
- ② When the other sensor is triggered, the siren alarm can associate with the sensors through the Z-wave network.

- ③ Siren alarm can be controlled remotely via mobile phone App.
- ④ Compatible with any Z-wave controller.

Product Configuration



Product List:

- Siren alarm 1pc
- Battery 2pcs
- Screw 3pcs
- Screw stopper 3pcs
- Double-side adhesive 1pc
- Instruction manual 1pc

Parameter Number	Size	Available Settings	Default
6	1	1~10	10

7. Configure Default Siren On Mode

This parameter defines the default music index, volume and the duration time for siren on. This parameter can be selected between ALARM MUSIC and DOOR BELL MUSIC. The settings for ALARM MUSIC MODE defines by Param #1, #2 and #5. The settings for DOOR BELL MUSIC MODE defines by Param #3, #4 and #6. If parameter set to '1', siren will select ALARM MUSIC MODE to play music; If parameter set to '2', siren will select DOOR BELL MUSIC MODE to play music;

Parameter Number	Size	Available Settings	Default
7	1	1~2	1

Command Class Interact

Binary Switch CC

Siren can be turned on and off by COMMAND_CLASS_SWITCH_BINARY Which music will be play by siren is decided by advance configuration parameter #5. When Siren stop play alarm music, it will send a SWITCH_BINARY_REPORT = 0x00 to controller.

Siren Alarm On: Command Class: Command: Value: 0xFF	COMMAND_CLASS_SWITCH_BINARY SWITCH_BINARY_SEND
Siren Alarm Off: Command Class: Command: Value: 0x00	COMMAND_CLASS_SWITCH_BINARY SWITCH_BINARY_SEND

Basic CC

The Functions of BASIC_SET = 0x00 is same to SWITCH_BINARY_SET = 0x00; And BASIC_SET = 0x01 ~ 0x99, 0xFF are same to SWITCH_BINARY_SET = 0xFF.

Including Sensor (Siren alarm) to Z-wave Network

- 1) The siren alarm can be included to the Z-wave network by pressing on the code button.
- 2) Power to the code, the device is plugged into the power 20s can not have anyoperation!
- 3) Quickly, triple click the code button, add the siren alarm to the Z-wave network or delete siren alarm from Z-wave network. LED light flashes red for 5 times.
- 4) Quickly, triple click the code button, LED light will flash red for 5 times.
- 5) Siren alarm will be detected and included in the Z-wave network.
- 6) Wait for the main controller to configure the siren alarm.

Excluding Sensor (Siren alarm) from Z-wave Network

- 1) Make sure the sensor is connected to power source.
- 2) Set the main controller into the learning mode (see main controller's operating manual)
- 3) Quickly, triple click the code button, LED light will flash red for 5 times.
- 4) Wait for the main controller to delete the sensor.

Installation Steps

Hardware Installation

- Cover installation
- Battery installation

Cover installation

- Option One
Fix the siren alarm with Screws



Option Two

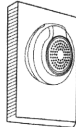
- Fix the siren alarm with sticker



Battery Installation



Installation example



Tips

- When install the siren alarm, please avoid the noisy places.
- Please install somewhere easy to find.
- Do not install in a ventilated position to affect the effect of the siren alarm.
- Do not install at a wet place to prevent the siren alarm from damaging.
- When the siren alarms, it would sound and the led would flash red lights.
- Association allows for direct communication between Z-wave network devices. Main controller does not take part in such communication. Using this mechanism, siren alarm may communicate with other devices even when the main controller is damaged.

Guarantee

1. The Guarantee is provided by Shenzhen NEO Electronics Co., Ltd (hereinafter "Manufacturer")
2. The Manufacturer is responsible for equipment malfunction resulting from physical defects (manufacturing or material) of the device for 12 months from the date of its purchasing.
3. During the Guarantee period, the Manufacturer shall remove any defects, free of charge, by repairing or replacing.
4. In special cases, when the device cannot be replaced with the device of the same type (e.g. the device is no longer available in the commercial offer), the Manufacturer may replace it with a different device having technical parameters similar to the faulty one. Such activity shall be considered as fulfilling the obligations of the Manufacturer. The Manufacturer shall not refund money paid for the device.
5. The guarantee shall not cover:
 - mechanical damages (cracks, fractures, cuts, abrasions, physical deformations caused by impact, falling or dropping the device or other object, improper use or not observing the operating manual);
 - damages resulting from external causes, e.g.: flood, storm, fire, lightning, natural disasters, earthquakes, war, civil disturbance, force majeure, unforeseen accidents, theft, water damage, liquid leakage, battery spill, weather conditions, sunlight, sand, moisture, high or low temperature, air pollution
 - damages caused by malfunctioning software, attack of a computer virus, or by failure to update the software as recommended by the Manufacturer;

The status of LED

1. when the siren alarm is triggered, LED light flashes red for 12 seconds.
2. When the siren alarm installs battery, LED light will flash red for 3 seconds.
3. Quickly, triple click the code button, add the siren alarm to the Z-wave network or delete siren alarm from Z-wave network. LED light flashes red for 5 times.
4. Press on the code button for 10 seconds, the siren alarm will be restored to factory default settings. LED light flashes red for 3 seconds.
5. In the normal condition, the LED light keeps being off.

Including Sensor (Siren alarm) to Z-wave Network

Reset procedure will delete all information on the Z - Wave network and Z - Wave controller or Z - Wave Gateway, and restore the sensor to factory default settings.

1. Remove the device cover.
2. Make sure the sensor is powered.
3. Press and hold the button for 10 seconds, led will blink once.
4. Release the button.

Associations

(Association Command Class Version 2)

This Siren supports 3 groups; each group supports max 5 associated nodes.

This siren can identify some z-wave notification sensors such as Motion Sensor, Door/Window Sensor, Water Leakage Sensor, Smoke Sensor and so on. If these sensors associate this siren to their lifeline group or other group that supports NOTIFICATION_REPORT, the siren will play different music when sensor is triggered.

GROUP 1 is lifeline service that assigned to Siren status. It enables the Siren to send reports and readings to Z-Wave Controller or Z-Wave Gateway whenever the sensor is triggered. This Group Support:

SWITCH_BINARY_REPORT,
NOTIFICATION_REPORT,
BATTERY_REPORT,
DEVICE_RESET_LOCALLY_NOTIFICATION



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