



SOS/Remote Control

User Manual

Thank you for your support!

Please read the user manual carefully before operating.
Please keep the user manual for future reference.



Product Introduction

SOS is an intelligent security device that can communicate via the Z-Wave network. In the Z-Wave network communication, the mousetrap can be connected to any Z-Wave network master. SOS can only send information, can not accept information. When people press the corresponding function keys on the SOS, SOS sends the corresponding information to the alarm host, the alarm host will respond accordingly or alarm. SOS can be wirelessly linked to other devices via the Z-Wave network. SOS is battery powered and is small and can work in any Z-Wave network coverage. SOS can send information to the alarm host through a radio wave of a specific frequency. The frequency of the radio wave varies according to the country or region. SOS has four function buttons, the red button is the alarm button, the other three buttons are selected function buttons.

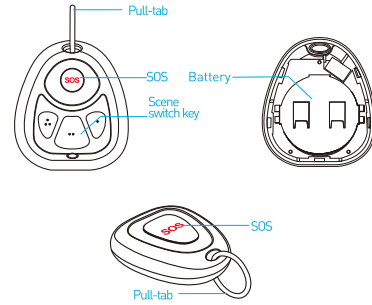
Technical Parameters

- Powersupply: CR3032x3V
- Battery life (standby): 2years
- Operating temperature: 0-40 °C
- Storage temperature: 0-60 °C
- Wireless protocol: Z-Wave
- Radio frequency: 868.4MHz EU; 908.4 US; 921.4MHz AU; 869.2MHz RU
- Wireless range: 50meters
- Size: 45mm(L)x51.5mm(W)x15.1mm(H)

Technical Information

- Can be connected to any Z-Wave master device
- Can be active, for alarm or control
- Has one/four function keys, powerful
- Small size, biased to carry

Product Configuration



Items List

- SOS 1pc
- Battery 1pc
- User manual 1pc

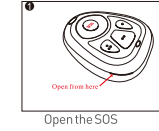
Installation Steps

- SOS Installation
- Battery Installation

Option One
Fix the holder with screws and screw stopper.

Option Two
Put the sticker on the bottom of door sensor then fix it on the wall.

Battery Installation



Open the SOS



Install the battery



Close the SOS

- 🔒 Lock: press the button, LED light flashes, SOS locked; Can not send or receive messages.
- 🔓 Unlock: trigger the button, LED light flashes, SOS unlocked; Can send and receive messages.
- 🔴 SOS: press the button, LED light flashes, SOS sends messages to gateway and associate with other devices.

Add the Sensor to Z-Wave Network

SOS can add SOS to the Z-Wave network through the Z-Wave master device.

1. SOS is in the network of the master device.
2. Set the master device to add the learning mode (refer to the operating instructions of the master device).
3. Fast press the SOS alarm button three times (red button), LED lights flashing.
4. The master device will detect SOS and add SOS to the Z-Wave network.
5. Wait for the master device to configure the sensor.

Remove the Sensor from Z-Wave Network

1. Make sure the sensor is connected to the power supply.
2. Set the master device to delete the learning mode (refer to the operating instructions of the master device for specific operation).
3. Quickly press the SOS alarm button three times.
4. Wait for the master device to remove the SOS from the Z-Wave network.

Restore the Sensor to Factory Default Settings

Restoring the factory setup process deletes all information in the Z-Wave network and the Z-Wave master or Z-Wave alarm host and restores the sensor to the factory default settings.

1. Press and hold the code button for 10 seconds.
2. Release the Code button.

Note: Do not power off during factory reset.

Associations

When SOS is operated, all devices that are linked to it will receive the relevant report. SOS through the Z-Wave master device or alarm host can control other Z-Wave network equipment, such as linkage jacks, alarm equipment, dimmers and so on. SOS supports two groups of linkage:

Group 1: you can control the Z-Wave master settings or alarm host status

Group 2: switch or activate the Z-Wave master device or the alarm host already has the active scene, so the other equipment in the empty ear scene.

Note: SOS is in direct contact with other devices, they are directly through the Z-Wave network communication, Z-Wave alarm host or Z-Wave master device is not involved.

Advanced Configuration

1. Basic Set Level

Basic Set Command will be sent where contains a value when SOS is triggered if group 2 have associated a device such as siren, the receiver will take it for consideration; for instance, if associated siren is received the Basic Set Command (0xFF), the siren will take alarm on.

0-99 are mapping to Basic Set value (0 ~ 99) and Switch Multilevel Value (0 ~ 99). 100 is mapping to Basic Set Value 0xFF.

Parameter Number	Size	Available Settings	Default
1	1	0-100	100

2. SOS Event Clear Time

This parameter defines the time to clear emergency event after emergency event is triggered when parameter #3 is set to '2'. This parameter is set to '0', the clearing emergency event will not occurred always.

The default value of this parameter is set to '60', means that the emergency event will be cleared after 60 seconds when emergency event is triggered.

Parameter Number	Size	Available Settings	Default
2	2	0, 30-32767	60

3. SOS Configuration

This parameter defines the SOS key function, the SOS key can be

configured as emergency event key or central scene notification key.

If this parameter is set to '1', the SOS key will be configured as central scene notification key.

If this parameter is set to '2', the SOS key will be configured as emergency event notification key. The default settings is '2', the SOS key is configured as emergency event notification key.

Parameter Number	Size	Available Settings	Default
3	1	1, 2	2

Command Classes

This Sensor supports Command Classes as Below:

- *COMMAND_CLASS_ZWAVEPLUS_INFO (V2)
- *COMMAND_CLASS_VERSION (V2)
- *COMMAND_CLASS_MANUFACTURER_SPECIFIC (V2)
- *COMMAND_CLASS_DEVICE_RESET_LOCALLY (V1)
- *COMMAND_CLASS_POWERLEVEL (V1)
- *COMMAND_CLASS_BATTERY (V1)
- *COMMAND_CLASS_ASSOCIATION (V2)
- *COMMAND_CLASS_ASSOCIATION_GRP_INFO (V1)
- *COMMAND_CLASS_WAKE_UP (V2)
- *COMMAND_CLASS_NOTIFICATION (V8)
- *COMMAND_CLASS_SENSOR_BINARY (V2)
- *COMMAND_CLASS_CONFIGURATION (V1)

Tips

1. Ensure that the device is within the Z-Wave network coverage.
2. As SOS is simple, usually as far as possible to carry, or placed in children not easy to get the place, so as not to cause children to play the battery loss too fast, false positives, or other settings of the chaos and so on.
3. After the success of the network, test the equipment, testing equipment is working properly.
4. SOS can be linked to other devices through the Z-Wave network, the master device is not added to the SOS and other equipment in the process of communication. Through this mechanism, when the master device is damaged, SOS can still be linked with other devices.

Battery Usage Tips

The battery life is designed for two years. The actual battery power is also displayed in the alarm host. When the battery power is too low, the mobile phone APP will receive the alarm host sent the "battery power is too low, please replace the battery" push information. When replacing the battery, please disconnect the SOS from other devices to avoid false alarms or incorrect operation of the linkage device. If the battery power is reduced too fast, check the battery for leaks, or the device is triggered too frequently.

Guarantee

1. The Guarantee is provided by Shenzhen NEO Electronics Co., Ltd (hereinafter "Manufacture")
2. The Manufacturer is responsible for equipment malfunction resulting from physical defects (manufacturing or material) for 12 months from the date of its purchasing.
3. During the Guarantee period, the Manufacturer shall repair or replace any defects, free of charge.
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 which has similar technical parameters as 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 guarantees 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;

All above is for reference only, please see the subject products.

Note:
1. SOS factory has been installed on the battery, open the package after the start work, send information to the alarm host, triggering other equipment linkage.
2. SOS is battery powered, use the battery, please press the specified method to avoid the explosion. Please refer to the Environmental Protection Act when handling the battery.

LED Color Indicator

1. SOS use the code button, press the button three times, the LED light flashes 5 times
2. When the SOS is in normal operation [ie, someone presses the alarm button or other setting button], the LED flashes once.
3. Press and hold the 10 seconds button, SOS to factory settings, LED lights flash once.



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