

Before installation and use, read the instructions.
Keep this manual for future reference.

The Wireless SOS Emergency Button (hereinafter referred to as "the Button") is designed with button press alarm and linked host alarm functions. When an alarm is triggered, the red LED flashes. It is suitable for various scenarios requiring one-button emergency calling.

Indicator SOS Button Light

Lanyard

SOS Button

Indicator Light

Wristband

⚠ Emergency Assistance Device:
For emergency use only. Do not use in non-emergency situations.

- 2) Using multiple wireless devices of the same frequency band simultaneously may cause signal interference and affect the normal use of the button. Avoid using too many same-frequency devices in the same area, or take appropriate signal isolation measures.
- 3) If the button responds slowly or fails to work properly, the battery may be low. Replace the battery in a timely manner.
- 4) Avoid using or storing the button in high-temperature, humid, or strong magnetic field environments to prevent performance degradation or malfunctions.
- 5) Keep the button out of reach of children to prevent accidental operations.

1. Regular Function Testing (Once a Month):
1) With the alarm control panel in normal working condition, press the button. The button's indicator light should flash rapidly, and the receiving host should immediately emit the expected audio-visual alarm or push notifications.

- 1) Use a screwdriver or similar tool to open the battery cover according to the instructions on the back of the button.
- 2) Remove the old battery, noting its positive (+) and negative (-) polarities. Install a new CR2450 battery of the same model, following the correct polarity.
- 3) Close the battery cover securely to ensure it is firmly fastened.
- 4) It is recommended to perform a function test immediately after replacement.

3. Cleaning: Wipe the surface of the button with a slightly damp soft cloth. Do not use chemical.

IV. Troubleshooting

Symptom	Possible Causes	Solution
No response when pressed	1. Depleted battery 2. Battery polarity reversed 3. Poor battery contact 4. Button malfunction	1. Replace battery 2. Verify polarity and reinstall battery 3. Clean contacts and seat battery 4. Contact technical support
LED lit but no alarm control panel response	1. Exceeded range/severe obstruction 2. Alarm control panel unpowered/faulty 3. Pairing lost 4. Alarm control panel muted/unconfigured	1. Test within 10m range 2. Check alarm control panel power/status 3. Re-pair devices 4. Verify alarm control panel settings
Frequent false alarms	1. Button stuck/ internal fault 2. Strong RF interference	1. Check button return mechanism 2. Reallocate away from interference sources 3. Contact technical support
Dim/extinguished LED (with power)	LED failure	Contact technical support

Working Voltage	DC 3V (CR2450)
Battery Life	Up to 1 year
Alarm Trigge Method	Button-Triggered Alarm
Wireless Frequency	433.92MHz
Transmission Distance	Open distance >100m
Operating Temperature	-10°C~55°C
Operating Humidity	< 95%RH

Important:
This button is typically a one-way transmitter and must be used in conjunction with a compatible Alarm Control Panel. the button itself cannot generate sound alarms independently.

- 1) Refer to the alarm control panel user manual to operate the panel and enter pairing mode.
- 2) Within 20 seconds after the Alarm Control Panel enters pairing mode, press the button. The button will transmit a pairing signal to the panel.
- 3) Upon successful reception and confirmation of the button's pairing signal, the panel will emit an audible tone indicating successful pairing. You may now press the button to trigger the alarm in coordination with the panel.

Note: If pairing between the button and alarm control panel fails within 20 seconds, the panel will automatically exit pairing mode. Should pairing be unsuccessful, please repeat the process.

- 1) Emergency Situation: When you need urgent help.
- 2) Triggering the Alarm: Press firmly and continuously on the center area of the red SOS button, keeping it pressed for at least 1-2 seconds.
- 3) Indicator Light Display: When the button is pressed, the indicator light should flash rapidly, indicating that the signal is being sent; after releasing the button, the indicator light will turn off.
- 4) Alarm Control Panel Response: Upon successful pairing, the alarm control panel shall immediately Activate a high-decibel alarm siren, Trigger alert notifications on connected systems including: Mobile applications (phone APP) Telephone-based alert systems Monitoring center interfaces.
(Specific response mechanisms depend on your Alarm Control Panel configuration.)

3. Usage Precautions

- 1) The effective distance of the button is approximately 100 meters in an open environment. If the distance exceeds this, the signal may weaken or fail to transmit. When using, keep the button and alarm control panel free of obstacle blockage as far as possible.

- 2) Using multiple wireless devices of the same frequency band simultaneously may cause signal interference and affect the normal use of the button. Avoid using too many same-frequency devices in the same area, or take appropriate signal isolation measures.
- 3) If the button responds slowly or fails to work properly, the battery may be low. Replace the battery in a timely manner.
- 4) Avoid using or storing the button in high-temperature, humid, or strong magnetic field environments to prevent performance degradation or malfunctions.
- 5) Keep the button out of reach of children to prevent accidental operations.

If the test fails: Check the battery level, the distance/obstacles between the button and the alarm control panel, re-pair the devices, or contact after-sales service.

2. When the button shows no response, the indicator light becomes significantly dim, or fails to illuminate entirely, battery replacement is required. Proceed as follows:

- 1) Use a screwdriver or similar tool to open the battery cover according to the instructions on the back of the button.
- 2) Remove the old battery, noting its positive (+) and negative (-) polarities. Install a new CR2450 battery of the same model, following the correct polarity.

3) Close the battery cover securely to ensure it is firmly fastened.

4) It is recommended to perform a function test immediately after replacement.

3. Cleaning: Wipe the surface of the button with a slightly damp soft cloth. Do not use chemical.

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V. Technical Parameters

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§ 15.19 Labelling requirements.
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

§ 15.21 Information to user.
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

§ 15.105 Information to the user.
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

* RF warning for Portable device:
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.