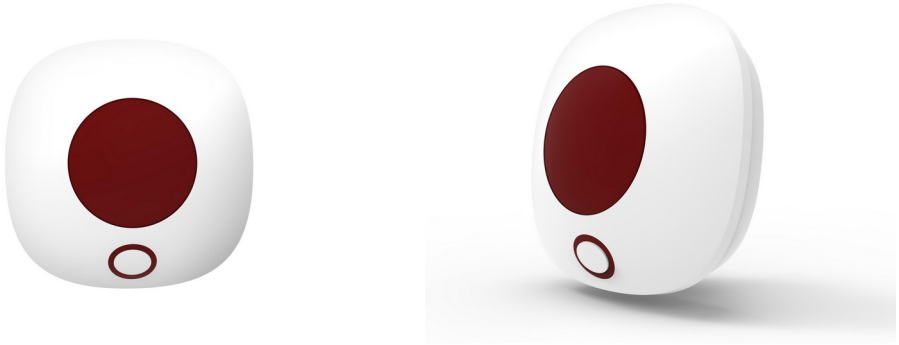
# SecureX SirenAlert WSR020

*Installation manual in English*

**Model: WSR020**
**Version: v1.0**
**Date: 2026-11-05**



## 1. Product overview

SecureX SirenAlert WSR020 provides an audible alarm and flashing warning light. It can be used as an additional siren for a compatible alarm panel or as a standalone alarm unit with compatible wireless detectors and remote controls.

This manual explains power supply, pairing, testing and deleting paired devices. Choose the operating method that suits your installation.

Compatibility: Check that the alarm panel and accessories support the siren's radio protocol. A shared frequency of 433 MHz alone does not guarantee compatibility.

## 2. Technical specifications

Power supply: 100-240 V AC.

Built-in backup battery: 3.7 V / 500 mAh lithium battery.

Battery standby time: More than 8 hours, according to the original guide.

Standby current / alarm current: <10 mA / <200 mA.

Wireless communication: 433 MHz, EV1527 (220-470 kΩ).

Receiving range: Up to 120 m according to the original guide; obstacles may reduce the range.

Accessory capacity: Up to 50 wireless detectors and remote controls.

Operating environment: Indoors.

## 3. Controls and power supply

SET: Used to pair an alarm panel or accessories and to delete all paired devices.

Battery switch on the back: ON enables battery operation. OFF disables battery operation. This switch does not disconnect the mains power.

Warning light: Indicates startup, pairing and alarms. When mains power is connected, the light flashes once and the built-in battery starts charging.



Original guide: Wireless Strobe Siren User Guide. English installation manual for WSR020.

# 4. Positioning and installation

1) Choose a dry indoor location with an accessible power outlet. Avoid moisture, excessive heat and large metal surfaces close to the siren.

2) Check that the product's voltage rating matches the available mains supply. Connect the siren to the power outlet.

3) Set the battery switch to ON if the backup battery is to power the siren during a mains power failure.

4) Pair the siren as described in section 5 or 6. Start near the alarm panel or accessory, then test at the final installation location.

When testing: The siren can be loud. Warn people nearby and keep your ears away from it. If the alarm panel forwards alarms, follow the system's testing procedures.

# 5. Pairing with an alarm panel

1) Press and hold SET for approximately 3 seconds. Release it when the siren gives one short beep and the warning light stays on.

2) Activate SOS on the compatible alarm panel according to its manual so that it transmits an alarm signal.

3) One long beep and one quick flash confirm successful pairing. Three short beeps and three quick flashes mean that the code is already stored.

4) Pairing mode ends automatically after more than 20 seconds without activity.

### Test the installation

Activate SOS on the alarm panel again. The siren should sound and flash. Reset the alarm using the panel's disarm function according to its manual. Repeat the test with the siren in its final location.

# 6. Using the siren as a standalone alarm

In this mode, compatible detectors and remote controls are paired directly with the siren. A remote control is used to arm, disarm and trigger SOS.

### Pair a remote control or detector

1) Press and hold SET for approximately 3 seconds. One short beep and a steady warning light indicate that pairing mode is active.

2) Press a button on the remote control or activate the detector according to its manual so that it transmits a radio signal.

3) One long beep and one quick flash confirm successful pairing. Three short beeps and three quick flashes mean that the accessory's code is already stored.

4) Repeat for the remaining accessories. After more than 20 seconds without activity, the siren exits pairing mode automatically.

### Test each accessory

Arm the system with the remote control. One short beep confirms the command. Activate a paired detector and check that the siren sounds and flashes. Disarm with the remote control, then test the next detector.

# 7. Status indications in standalone mode

Away arm: One short beep and one quick flash, followed by one flash every 30 seconds. Arms protection using the connected detectors.

Home arm: One short beep and one quick flash, followed by one flash every 30 seconds. Intended for perimeter protection, such as doors and windows.

Disarm: Two short beeps and two quick flashes. Disarms normal intrusion protection.

SOS: Alarm sound and continuous rapid flashing. Triggers an emergency alarm.

Home mode: Check the detectors' actual behaviour during testing. Functions depend on compatible accessories and their settings. When the siren is paired with an alarm panel, follow the status information in the panel's manual.

## 8. Deleting all paired devices

Important: This action removes every paired accessory and the connection to the alarm panel. All devices that you wish to use must be paired again afterwards.

1) Make sure that the siren is powered.

2) Press and hold SET for approximately 10 seconds.

3) Three sound signals and three flashes confirm that all accessories and the alarm panel connection have been deleted.

4) Pair the required devices again and carry out a complete functional test.

## 9. Troubleshooting

### The siren does not enter pairing mode

Check the power supply. Press and hold SET for approximately 3 seconds until one short beep sounds and the warning light stays on.

### Pairing fails

Try close to the transmitting device. Check compatibility and make sure that a radio signal is sent before pairing mode ends. Three short beeps mean that the code is already paired.

### The siren works near the panel but not in its intended location

Move the siren or alarm panel and test again. Walls, metal and radio interference can reduce the range. Always test operation at the installation location.

### The siren works on mains power but not during a power failure

Check that the battery switch is set to ON. Allow the battery to charge with mains power connected, then test backup operation again. Contact support if the problem persists.

### Switching the siren off completely

Disconnect mains power and set the battery switch to OFF. Otherwise, the unit may continue operating on its backup battery.

## 10. Care and support

Test the installation regularly and after repositioning or pairing devices. Clean the exterior with a soft, dry cloth. Do not open the mains-powered part or attempt to repair the built-in battery yourself.

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