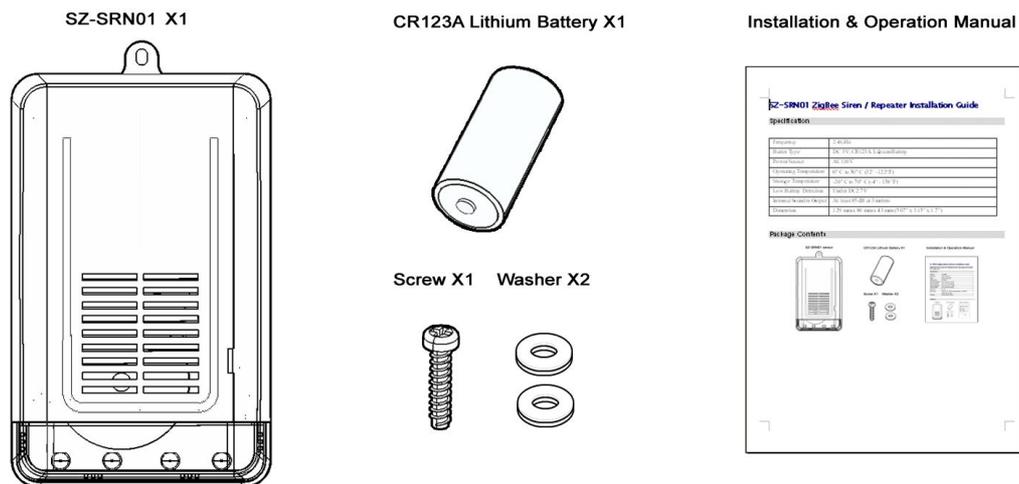


# SZ-SRN01 ZigBee Siren Repeater Installation Guide

## Specification

Frequency	2.4GHz
Batter Type	DC 3V, CR123A Lithium Battery
Power Source	100 – 240VAC
Operating Temperature	0° C to 50° C (32° - 122°F)
Storage Temperature	-20° C to 70° C (-4° - 158°F)
Backup Battery Life	Standby Mode 24 Hours
RF Range	Open Air : 100M
Internal Sounder Output	At least 85 dB at 3 meters
Dimension	129 mm x 80 mm x 43 mm (5.07" x 3.15" x 1.7")

## Package Contents

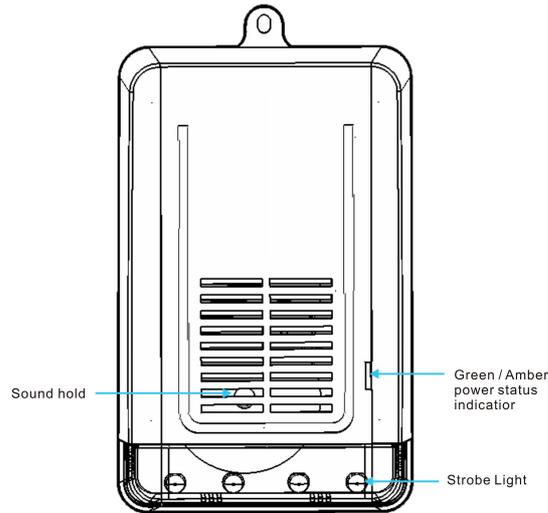


## Installation

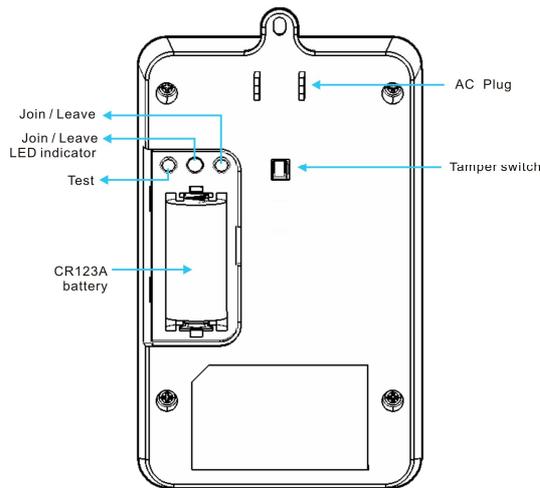
### Pre-Installation

1. Remove the battery cover of the device.
2. Install the supplied CR123A battery correctly.  
Note: For safety reason, please replace the backup CR123A battery after the siren has been triggered (except self-testing).

# Operation



<p><b>Power Status LED (Green/Amber)</b></p>	<p><b>On (Green)</b> - AC power mode.  <b>On (Amber)</b> - DC battery mode.  <b>Blinking (Amber)</b>- Low battery detection.</p>
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## 1. Join Function

For "Join" a network, please do the following instruction:

- Put the ZigBee Coordinator into “Permit-Joining” mode.
- Press the Join/Leave button for less than 1 second. The Join/Leave LED is blinking while processing. If the siren has been joined with the ZigBee Coordinator successfully, the Join/Leave LED will be on for 2 seconds and then off. The Join/Leave LED will be off instantly if failed.

## 2. Leave Function

For "Leave" a network, please do the following instruction:

- Press Join/Leave button for 3 seconds to let the siren disassociate from the ZigBee Coordinator. The Join/Leave LED will be on for 1 second and then off.

## 3. Test Function

- Remove the battery cover before testing.
- Press the **Test** button for 3 seconds.

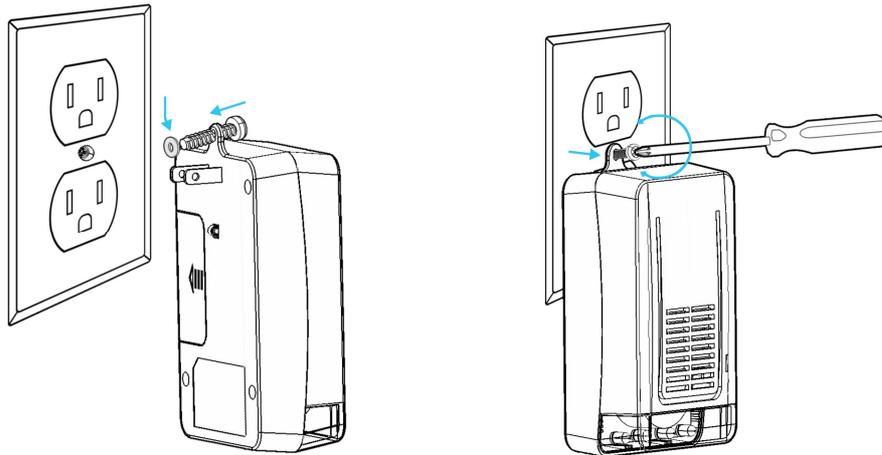
When pressing the **Test** button, the device will generate sounds and flash light to indicate that the siren is serviceable.

**Note:**

- The Join/Leave LED will stay off during the normal operation.
- The siren is equipped with a tamper switch. If the device is removed, the siren will send an alarm message to the ZigBee Coordinator.
- For safety reason, please replace the backup CR123A battery after the siren has been triggered (except self-testing).

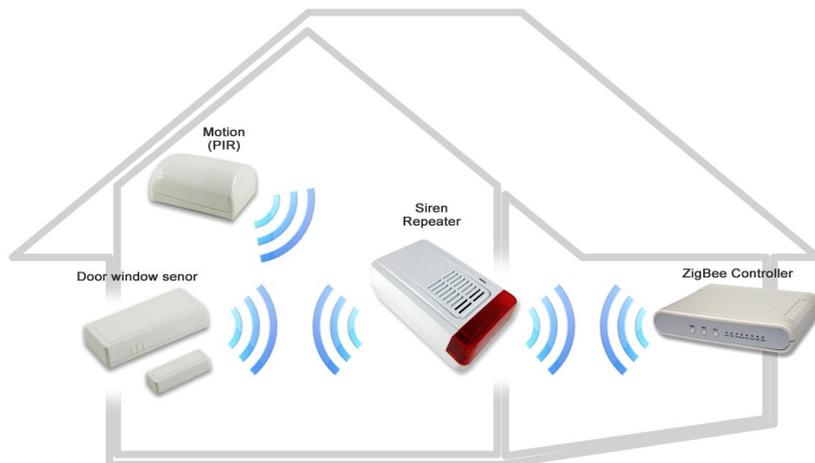
**Procedure**

1. Remove the screw of the outlet’s cover plate. Plug the device into the 110V outlet.  
**Note:** Make sure that the outlet is not controlled by a wall switch.
2. Tighten the device to the outlet with the supplied screw. The supplied washer can be used as a spacer between the screw and the outlet, if required.



**ZigBee Router Setup**

The siren can also be used as a ZigBee Router that lets you extend the security range of your home. When using the device as a ZigBee Router, just locate it in a suitable place, which has average signal strength and is at the halfway between the ZigBee Coordinator and the furthest sensor. The repeater can even boost signals weakened by walls and other obstructions.



## FCC Statement

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 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.

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

### FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

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.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.