

Installation and Setup Guide

GENERAL INFORMATION

The 5819S/5819SBR (brown) includes an omni-directional, built-in shock sensor, and is designed to protect window and door surroundings. Use this Shock Sensor and Transmitter with alarm systems that support 5800 Series wireless devices.

Typical shock protection area: 10 - 12 feet / 5 - 6 foot radius (3.05m – 3.66m / 1.52m – 1.83m radius);
The coverage area can vary depending on the mounting surface.

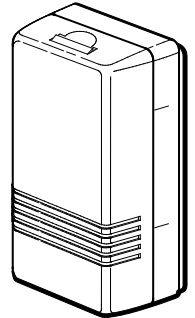
The device supports three unique zones or “loops”:

Loop 1: Normally Open, built-in shock sensor*

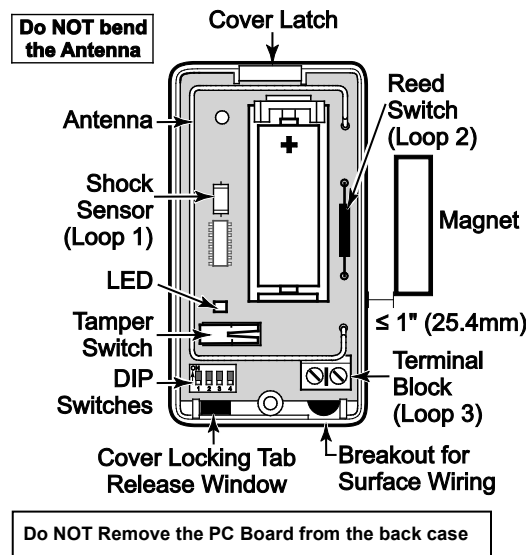
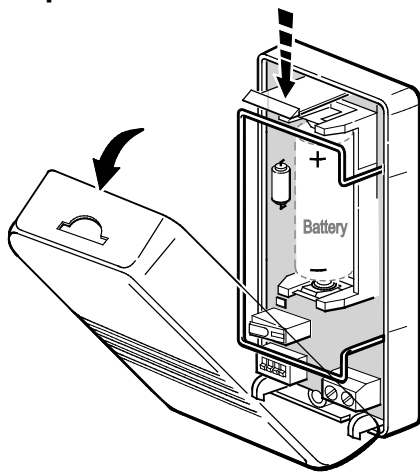
Loop 2: Normally closed, built in reed switch, used with the included magnet

Loop 3: Externally wired, closed-circuit contact loop connected to the Terminal Block

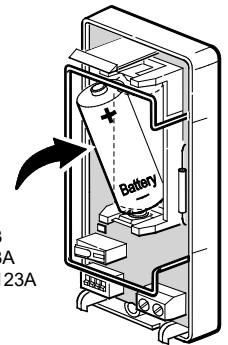
***Note:** This device features the option to enable Loop 1 to report both shock and reed switch faults to the panel **on a single zone** (see Enroll and Program section for details).



Open the Sensor



Install the Battery



Resideo 466
Duracell DL123
Duracell DL123A
Panasonic CR123A

BATTERY CAUTION: Risk of fire, explosion, and burns. Do not recharge, disassemble, heat above 212°F (100°C), or incinerate. Dispose of used batteries properly. Keep away from children.

ENROLL AND PROGRAM

1. Install the battery and ensure all the DIP Switches are OFF (Highest Sensitivity setting).
2. Assign an individual zone number to each loop used* and assign the zones as **Input Type = 3 (Supervised RF)**.
***Note:** To set Loop 1 to report both shock and reed switch faults on a single zone, enroll Loop 1 (do not enroll Loop 2), and set DIP Switch 4 ON **after** enrollment.
3. Activate any of the device loops (see loop descriptions above) to transmit the device serial number to the control.
 - For *Loop 1*, trigger the shock sensor by shaking the device, or create a shock near the mounted device.
 - For *Loop 2*, move the magnet close to and away from the reed switch to trigger it.
 - For *Loop 3*, Open and close the contact according to its instructions.
4. Trigger again to complete enrollment.

The LED will flash rapidly to indicate the device is transmitting to the control.

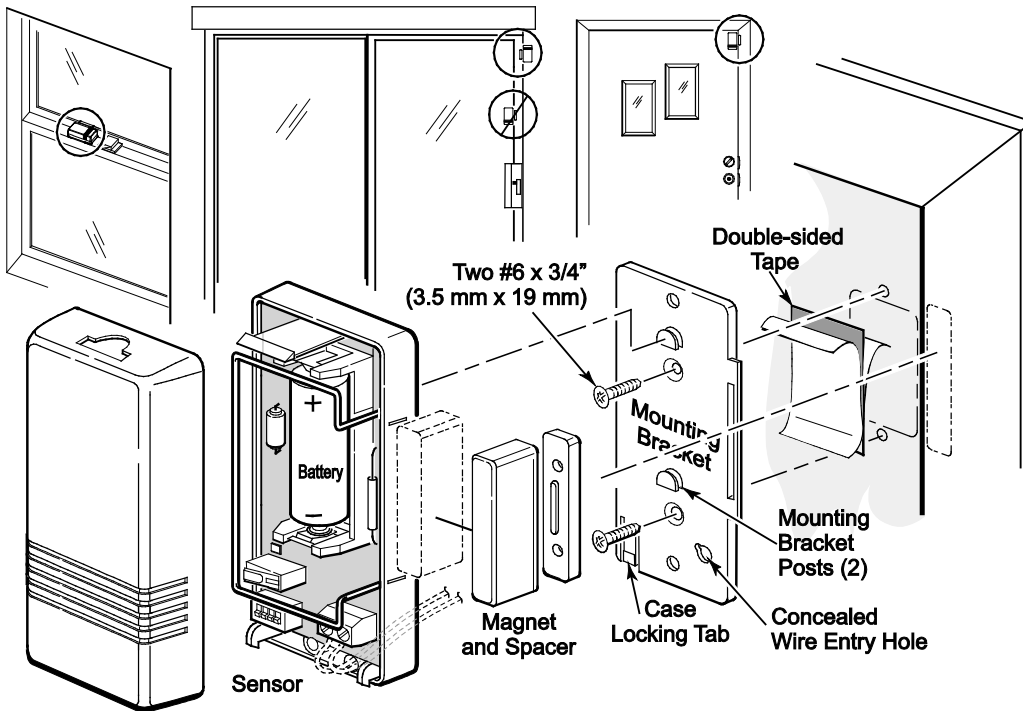
Alternatively, enter the device serial number manually when prompted for the information.

DIP Switch Settings

After enrollment, test and adjust the device sensitivity until the desired setting is achieved. (Refer to the Test section.)

| DIP SWITCH | SETTING |
|------------|---|
| | Most Sensitive (use this setting for enrollment) |
| | High Sensitivity |
| | Medium Sensitivity |
| | Low Sensitivity |
| | *Set ON - Loop 1 reports both shock and reed switch faults on a single zone Set OFF – Loop 1 reports shock only |

MOUNT THE SENSOR



After enrolling and before permanently mounting, conduct Go/No Go tests (see the control's instructions) to verify adequate signal strength. Reorient or relocate the device if necessary.

The device can be mounted in any direction for shock sensing.

Do not mount on glass.

If using the magnet, install it within 1" (25.4mm) of the device as shown.

Test

Use a hard tool to carefully simulate shock impacts on or near the area where the device is mounted. The LED lights each time the shock vibrations trip the device. Adjust the device sensitivity as needed for the application.

SPECIFICATIONS

Power: 1 x 3 V , Lithium Battery (included); Panasonic CR123A, Duracell DL123 or DL123A, Resideo 466

Operating Temperature: 14° to 131° F / -10° to 55° C (Agency Compliance 32° to 120° F / 0° to 49° C)

Relative Humidity: Up to 95% (Agency Compliance up to 93%); non-condensing

Dimensions: 3.05" H x 1.54" W x 1" D (77.47mm H x 39.12mm W x 25.4mm D)

Product must be tested **at least once each year**.

Approval Listings

FCC part 15, Class B verified
IC, RSS-210, Class B verified
cETLus

REFER TO THE INSTALLATION INSTRUCTIONS FOR THE CONTROL WITH WHICH THIS DEVICE IS USED, FOR DETAILS REGARDING LIMITATIONS OF THE ENTIRE ALARM SYSTEM.

FEDERAL COMMUNICATIONS COMMISSION (FCC) & INDUSTRY CANADA (IC) STATEMENTS

The user shall not make any changes or modifications to the equipment unless authorized by the Installation Instructions or User's Manual. Unauthorized changes or modifications could void the user's authority to operate the equipment.

CLASS B DIGITAL DEVICE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, as defined by FCC Rules Part 15.105. The Class B Digital Device statement can be viewed at:

<https://customer.resideo.com/en-US/support/residential/codes-and-standards/FCC15105/Pages/default.aspx>

FCC / IC STATEMENT

This device complies with Part 15 of the FCC Rules, and Industry Canada's license-exempt RSSs. 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.

Cet appareil est conforme à la partie 15 des règles de la FCC et exempt de licence RSS d'Industrie Canada. Son fonctionnement est soumis aux conditions suivantes: (1) Cet appareil ne doit pas causer d'interférences nuisibles. (2) Cet appareil doit accepter toute interférence reçue y compris les interférences causant une réception indésirable.

Responsible Party / Issuer of Supplier's Declaration of Conformity: Ademco Inc., a subsidiary of Resideo Technologies, Inc., 2 Corporate Center Drive., Melville, NY 11747, Ph: 516-577-2000

The product should not be disposed of with other household waste. Check for the nearest authorized collection centers or authorized recyclers. The correct disposal of end-of-life equipment will help prevent potential negative consequences for the environment and human health.

Any attempt to reverse-engineer this device by decoding proprietary protocols, de-compiling firmware, or any similar actions is strictly prohibited.

SUPPORT & WARRANTY INFORMATION

For the latest documentation and online support information, please go to: www.resideo.com

For the latest warranty information, please go to: www.security.honeywellhome.com/warranty

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