



Honeywell Home 5819S Wireless Shock Sensor and Transmitter Installation Guide

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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.

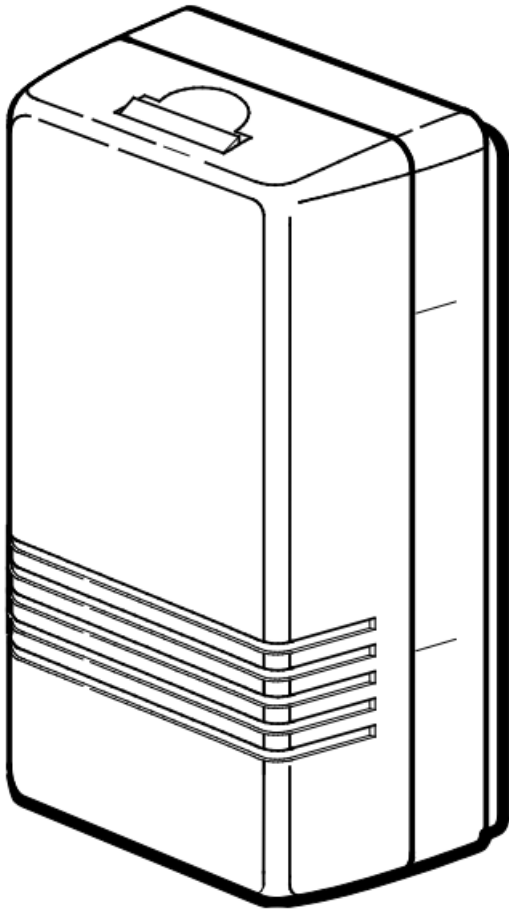
Typical shock protection area: 10 – 12 feet/ 5 – 6 foot radius (3.05m — 3.66m / 1.52m — 1.83m radius); The coverage area can vary depending on the mounting surface. The device supports three unique zones or “loops”:

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

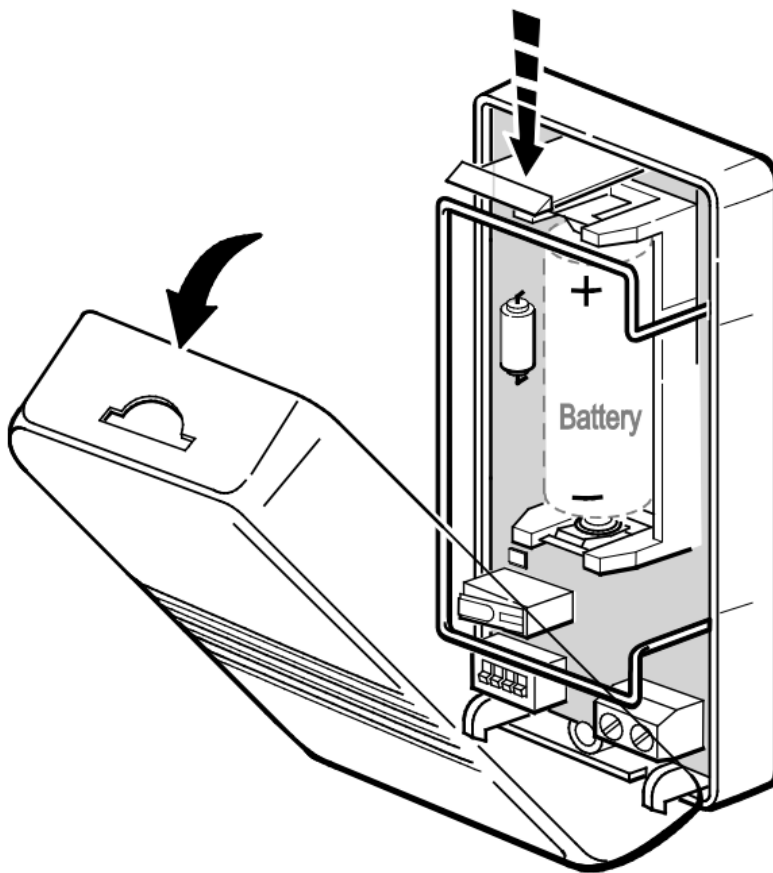
Loop 2: Normally closed, built in reed switch, used with the included magnet

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

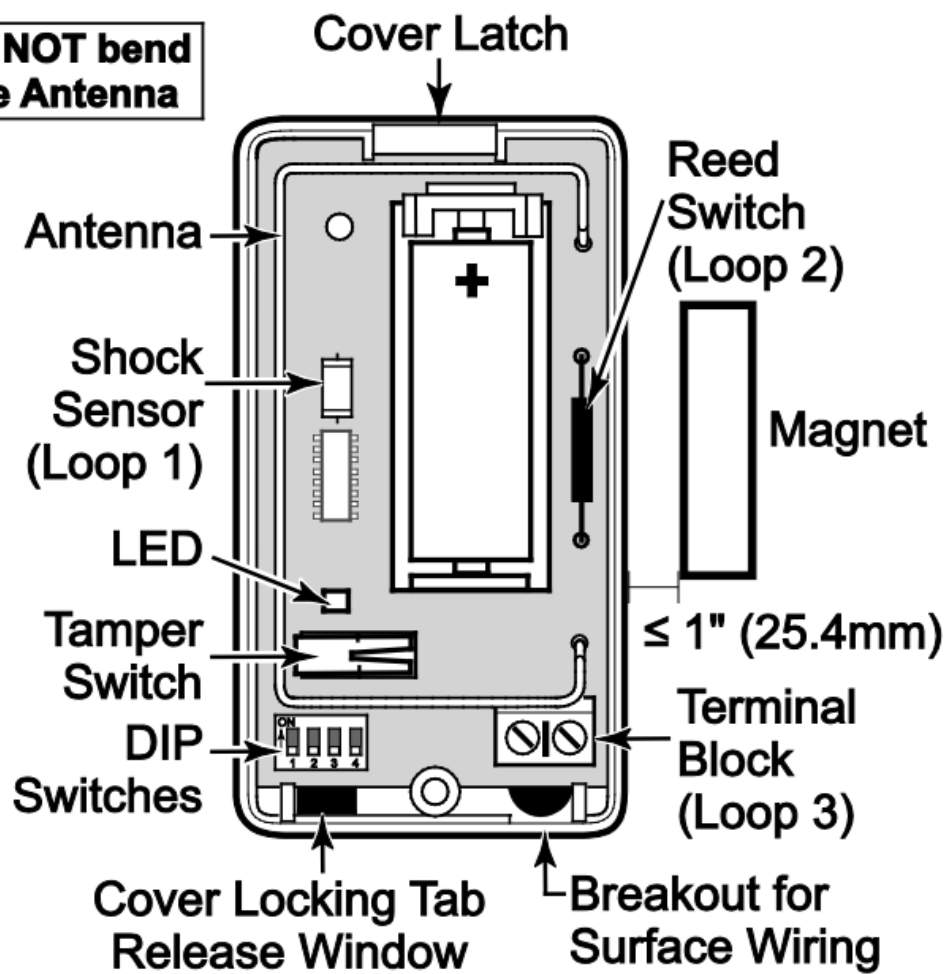
***Note:** This device features the option to enable Loop 1 to report both shock and reed switch faults to the panel on a single zone (see Enroll and Program section for details).



Open the Sensor

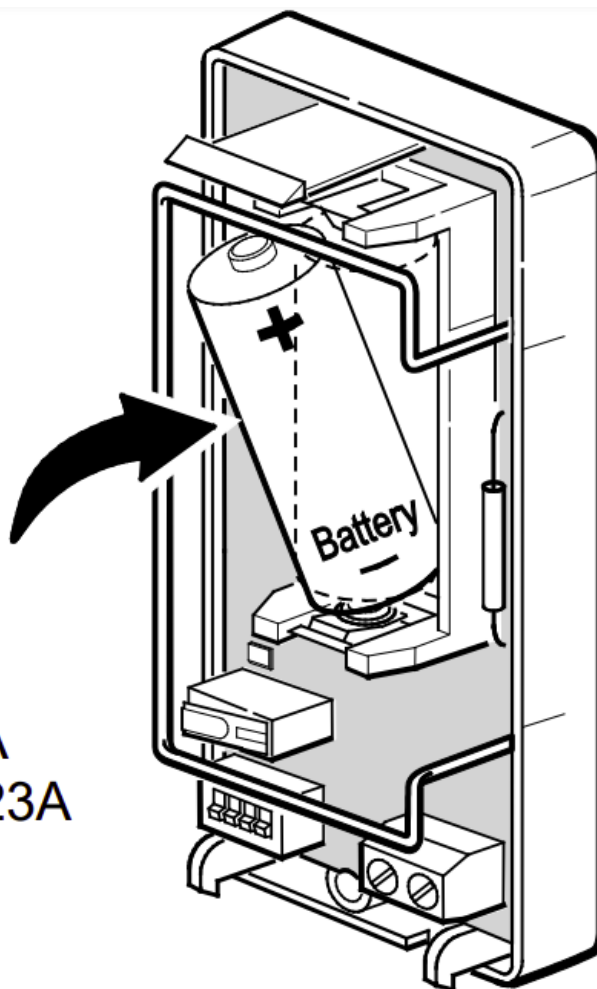


**Do NOT bend
the Antenna**



Install the Battery

Resideo 466
Duracell DL123
Duracell DL123A
Panasonic CR123A

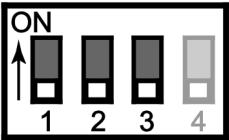
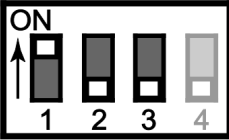
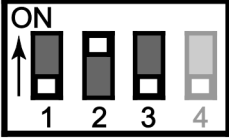
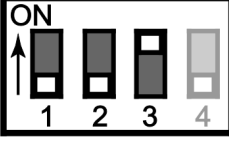
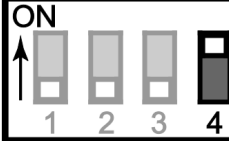


ENROLL AND PROGRAM

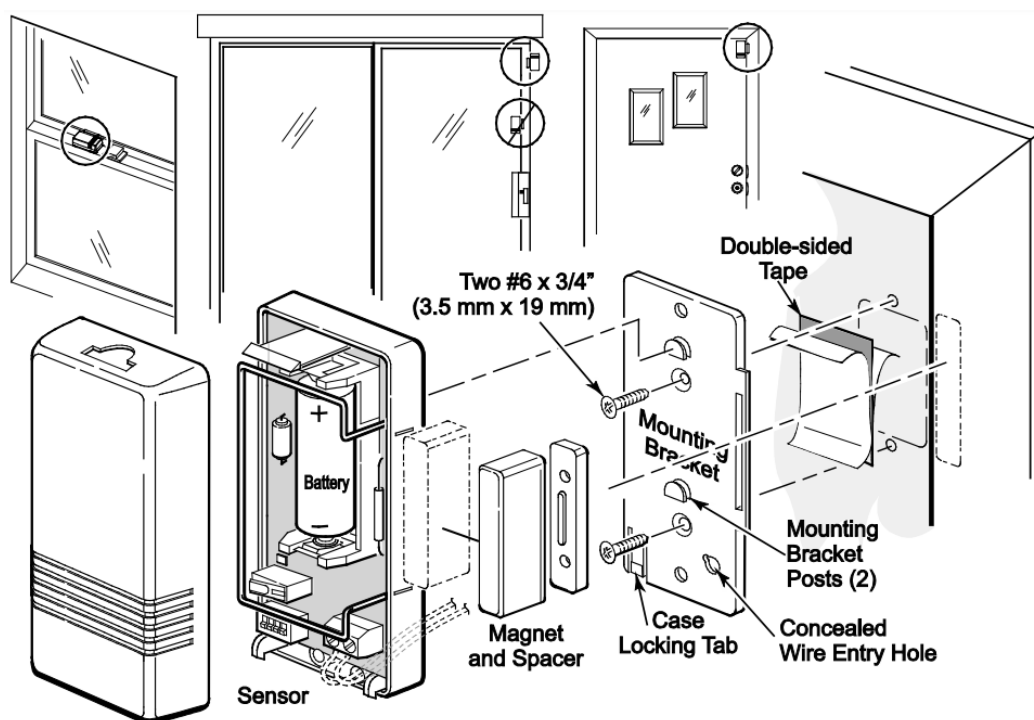
1. Install the battery and ensure all the DIP Switches are OFF (Highest Sensitivity setting).
2. Assign an individual zone number to each loop used* and assign the zones as Input Type = 3 (Supervised RF).
*Note: To set Loop 1 to report both shock and reed switch faults on a single zone, enroll Loop 1 (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.

IP 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 singlezone 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.

Approval Listings

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

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SPECIFICATIONS

- **Power:** 1×3 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.

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/enUS/supportiresidential/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. Cot apparel set conformed a la partied 15 des regals de la FCC et exempt de license RSS Industry

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

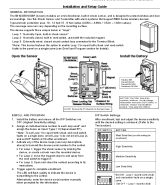
For the latest documentation and online support information, please go to: www.resideo.com
For the latest warranty information, please go to: www.security.honeywellhome.com/warranty

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Documents / Resources

	<p>Honeywell Home 5819S Wireless Shock Sensor and Transmitter [pdf] Installation Guide 5819S, 5819SBR, 5819S Wireless Shock Sensor and Transmitter, Wireless Shock Sensor and Transmitter, Shock Sensor and Transmitter, Sensor and Transmitter, Transmitter</p>
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References

- [U.S. Security Product Warranty | Resideo Pro](#)
- [FCC Rules Part 15: Residential Codes & Standards | Resideo](#)