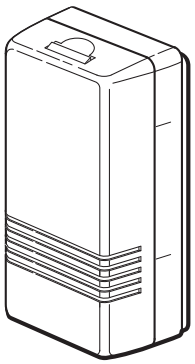
Honeywell

5819S & 5819SBR Wireless Shock Sensor and Transmitter – Installation Instructions

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 Honeywell 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":

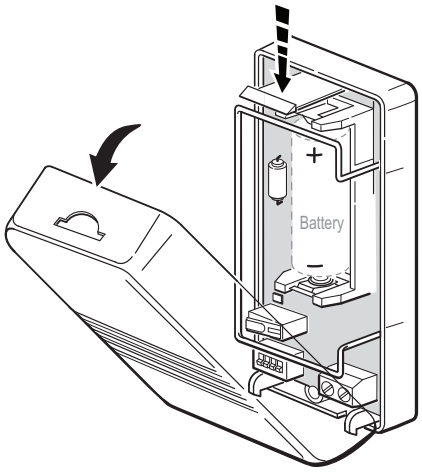
Loop 1: Normally Open, built-in shock sensor*

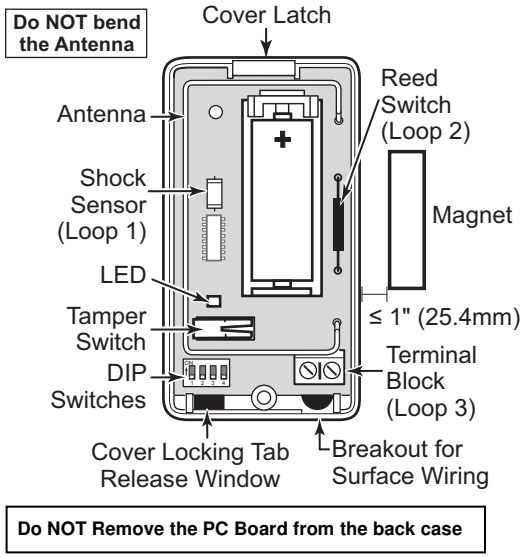
Loop 2: Normally closed, built in reed switch, used with the included magnet

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).

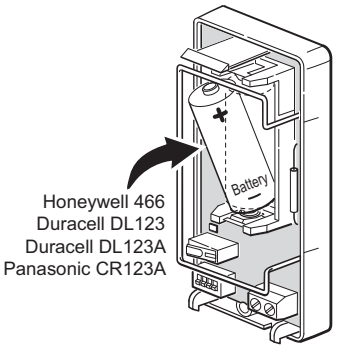
Open the Sensor





Do NOT Remove the PC Board from the back case

Install the Battery



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)**.

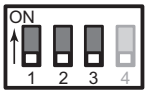
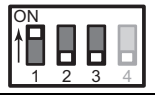
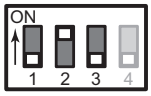
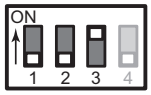
   Note**: To set Loop 1 to report both shock and reed switch faults on a single zone, enroll Loop 1 (do not enroll Loop 2), and set DIP Switch 4 ON ***after enrollment.
3. Activate any of the device loops (see loop descriptions above) to transmit the device serial number to the control.
   - For *Loop 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.

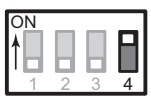
   The LED will flash rapidly to indicate the device is transmitting to the control.

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

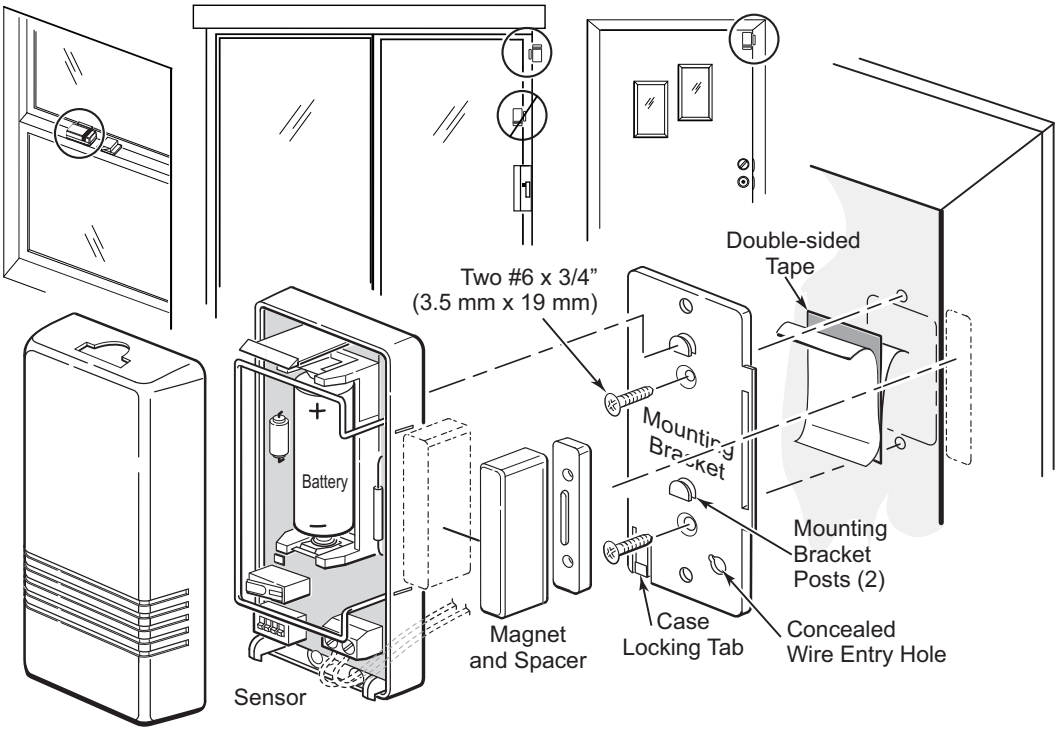
DIP Switch Settings

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 mounting permanently, 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, Honeywell 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

FEDERAL COMMUNICATIONS COMMISSION & INDUSTRY CANADA 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 to FCC requirements and has been found acceptable for use. The FCC requires the following statement for your information: This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause 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:

- If using an indoor antenna, have a quality outdoor antenna installed.
- Reorient the receiving antenna until interference is reduced or eliminated.
- Move the radio or television receiver away from the receiver/control.
- Move the antenna leads away from any wire runs to the receiver/control.
- Plug the receiver/control into a different outlet so that it and the radio or television receiver are on different branch circuits.
- Consult the dealer or an experienced radio/TV technician for help.

INDUSTRY CANADA CLASS B STATEMENT

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

FCC / IC STATEMENT

This device complies with Part 15 of the FCC Rules, and RSS-210 of Industry Canada. 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 & de RSS-210 des Industries 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 reception indésirable.

Support and Warranty

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

SUPPORT & WARRANTY

For the latest documentation and online support information, please go to:
https://mywebtech.honeywell.com/

For the latest warranty information, please go to: www.honeywell.com/security/hsc/resources/wa.

For patent information, see www.honeywell.com/patents

MyWebTech Warranty Patents

www.honeywell.com/security

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