



Insynctive™  
**GARAGE  
DOOR SENSOR**



GARAGE DOOR SENSOR will transmit a signal to BRIDGE if your garage door is opened or closed.

#### WHAT'S NEEDED:

- **PELLA INSYNCTIVE BRIDGE (required – sold separately):** Wirelessly connects your Pella Insynctive products to STATUS INDICATOR or a compatible security or home automation system.
- **PELLA INSYNCTIVE STATUS INDICATOR (optional – sold separately):** Indicates status of Pella Insynctive SENSORS. Or you can use a compatible security or home automation system to monitor your garage door.
- **PHILLIPS-HEAD SCREWDRIVER**

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# GENERAL AND SAFETY INFORMATION

## REGISTERING PRODUCTS

Visit [Insynctive.Pella.com/Registration](https://Insynctive.Pella.com/Registration) for instant access to instructions, warranties and how-to videos.

## NEED HELP?

Find troubleshooting information and videos at [Insynctive.Pella.com/Support](https://Insynctive.Pella.com/Support) or call 855-473-5524.

## HAVE A HOME AUTOMATION OR SECURITY SYSTEM?

Visit [Insynctive.Pella.com/HomeAutomation](https://Insynctive.Pella.com/HomeAutomation) for instructions on how to sync Pella® Insynctive™ products.

## **⚠️ WARNING**

**Failure to adhere to the warnings below may result in death, serious injury and/or loss of valuables.**

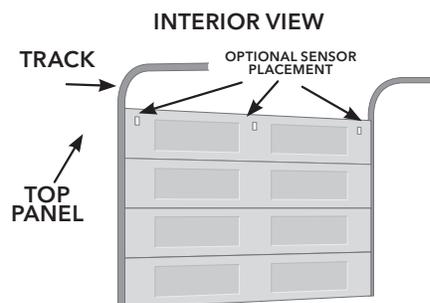
- Pella Insynctive GARAGE DOOR SENSORS are not 100% reliable for a variety of reasons. For example, GARAGE DOOR SENSORS:
  - communicate data wirelessly, and wireless data is susceptible to interference or failure.
  - require proper installation.
  - require a battery with an adequate charge.
  - may indicate a closed status when a garage door is not completely closed.
  - may be damaged after installation.

Therefore, Pella Insynctive products should not be relied upon in situations where life, safety, and/or protection of valuables are solely dependent on their function. Test each product at least once per year to help ensure proper operation.

- Pella Insynctive products are not a substitute for careful adult supervision of children.
- Keep battery and other small parts out of reach of children. If battery or any parts are swallowed, immediately seek medical help.
- Batteries carry the risk of fire, explosion and burns. Do not recharge, disassemble or incinerate.

# PRODUCT OVERVIEW

GARAGE DOOR SENSOR will transmit a signal to BRIDGE if your garage door is opened or closed. GARAGE DOOR SENSOR will change between opened and closed state when SENSOR is tilted to approximately a 45-degree angle. It is recommended that SENSOR be installed near the top of the garage door to minimize the distance that the door travels before reaching a 45-degree angle.



## SPECIFICATIONS

**Frequency:** 433.92MHz (Insynctive)

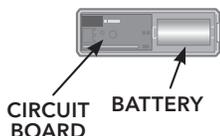
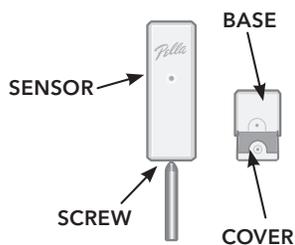
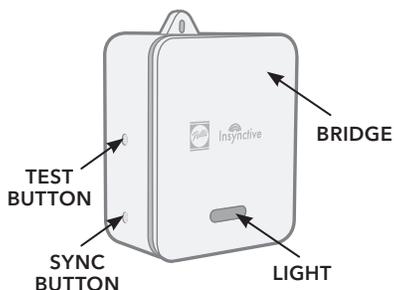
**Operating Temperature:** 32° - 120°F (0° - 49°C)

**Operating Humidity:** 5% - 95% RH noncondensing

**Battery:** 3V lithium CR123A

**Typical Battery Life:** 5 years (may vary by use)

# DETAILED INSTRUCTIONS



## GARAGE DOOR SENSOR SETUP

See [Insynctive.Pella.com/Support](https://www.insynctive.com/support) for how-to videos.

### 1. Get Started

Plug BRIDGE into an electrical outlet (light will turn green and then flash blue).

**NOTE:** Follow Bridge Quick Start Guide or Bridge Product Guide to set up BRIDGE, or visit [Insynctive.Pella.com/HomeAutomation](https://www.insynctive.com/homeautomation) for more information.

### 2. Prepare SENSOR

Use a Phillips-head screwdriver to remove the screw that secures the top cover to the base of SENSOR. Pull the base away from the top cover. Remove the plastic battery tab. Push down on the battery to ensure the battery is firmly in place.

Snap the base onto the top cover, but do not reinstall the screw at this time.

**NOTE:** Once the plastic tab is removed from the battery, you will have 2 minutes to sync your SENSOR to BRIDGE (Step 3). If 2 minutes pass without a successful sync, remove and insert the battery again. SENSOR cover needs to be installed to sync to BRIDGE.

### 3. Sync SENSOR to BRIDGE

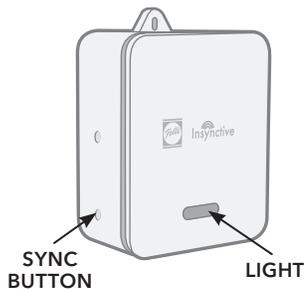
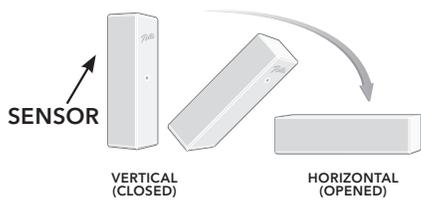
Each SENSOR will need to be synced to your Insynctive™ system.

#### WITHOUT HOME AUTOMATION (Stand-Alone Mode):

Press and hold Sync button on BRIDGE until light begins flashing orange. The Sync button is the bottom button (closer to the light on the front) located on the side of BRIDGE.

BRIDGE is in sync mode while the orange light is flashing. BRIDGE will remain in sync mode for 2 minutes. BRIDGE will then beep, and orange light will turn off to indicate BRIDGE exited sync mode.

## DETAILED INSTRUCTIONS (continued)



To sync SENSOR to BRIDGE, hold SENSOR in the vertical position with the arrow (located on the side) pointing up. Rotate SENSOR to the horizontal position and wait for the red light to turn on (about 1 second). Rotate SENSOR back to the vertical position and immediately back to the horizontal position.

**NOTE:** SENSOR cover must be installed to sync SENSOR.

If successfully synced, the light on BRIDGE will flash green and beep once for 2 seconds.

If sync is unsuccessful, remove and reinstall SENSOR battery to restart the 2-minute sync mode for SENSOR and try again.

Repeat the above steps until all your SENSORS have been synced with BRIDGE. To exit sync mode, press the Sync button on BRIDGE until the orange light stops flashing

### WITH HOME AUTOMATION:

Ensure BRIDGE is enrolled in Z-Wave network. See Bridge Product Guide or [Insynctive.Pella.com/HomeAutomation](http://Insynctive.Pella.com/HomeAutomation) for Z-Wave sync process.

**NOTE:** If you have a Z-Wave home automation system, the order in which you sync SENSORS to BRIDGE is the order by which they will be included into the Z-Wave network. Keep notes or use tape to number each SENSOR as you sync it to BRIDGE so you can identify or rename SENSORS when they appear in your Z-Wave network.

To sync SENSOR to BRIDGE:

- Hold SENSOR in the vertical position with the arrow (located on the side) pointing up.
- Rotate SENSOR to the horizontal position and wait for the red light to turn on (about 1 second).
- Rotate SENSOR back to the vertical position and immediately back to the horizontal position.

**NOTE:** SENSOR cover must be installed for sync process.

If successfully synced, the light on BRIDGE will begin flashing blue. If SENSOR sync is unsuccessful, remove and reinstall GARAGE DOOR SENSOR battery to restart the 2-minute sync mode for SENSOR and try again.

## DETAILED INSTRUCTIONS (continued)



DO NOT unplug BRIDGE from the wall outlet while the light is flashing blue. SENSOR is only in temporary memory while the blue light is flashing.

If BRIDGE is unplugged prior to completing the inclusion process. Repeat steps to sync SENSORS until all your SENSORS have been synced to BRIDGE.

While BRIDGE light is flashing blue, follow the inclusion process for your home automation system to add GARAGE DOOR SENSOR to your system. Once SENSOR is successfully included, the light on BRIDGE will flash green and beep once for 2 seconds. Repeat steps to sync SENSORS until all your GARAGE DOOR SENSORS have been synced to BRIDGE.

**NOTE:** Pella Corporation provides no warranty and is not responsible for the function, reliability, or any damage caused by non-Pella products.

### 4. Test SENSOR

Rotate SENSOR from vertical to horizontal. BRIDGE should beep twice.

**NOTE:** If you have selected the chimes to be off, BRIDGE will not beep. Refer to Bridge Product Guide for information on setting up chimes.

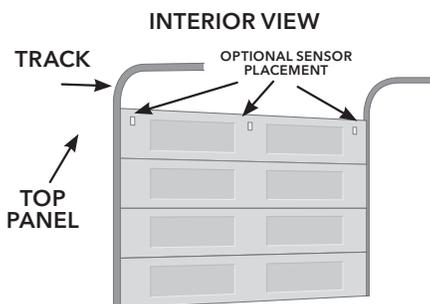
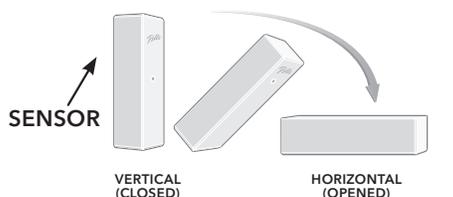
Reinstall the screw to secure the top cover to the base of SENSOR.

### 5. Install SENSOR

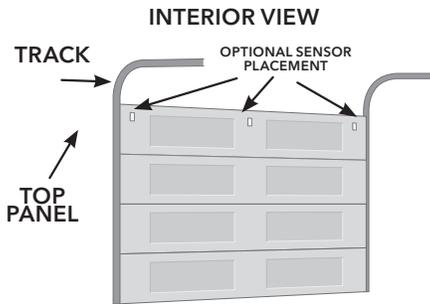
**NOTE:** For best results, GARAGE DOOR SENSOR should be attached near the top of the garage door. Doing so will trigger SENSOR sooner than if it were placed lower on the door.

Included with SENSOR are mounting screws and double-sided tape. Choose which method you would like to use to install your SENSOR.

If using the mounting screws, remove the base and locate the two countersinks molded into the plastic. Use a Phillips-head screwdriver to drive the provided screws through the center of the countersinks and into the garage door panel.



## DETAILED INSTRUCTIONS (continued)



If using the double-sided tape, ensure that the application areas on SENSOR and garage door are clean and dry. Peel the backing from one side of the tape and apply the tape to SENSOR. Peel the remaining backing from the tape and firmly press the SENSOR to the garage door for several seconds.

**NOTE:** Do not install tape at temperatures below 50°F. The bond will hold at low temperatures 24 hours after installation.

### 6. Test Installed SENSOR

Open your garage door with installed SENSOR to verify that BRIDGE is receiving the signal. When the door is open, BRIDGE should beep twice.

**WARNING:** GARAGE DOOR SENSOR may indicate a closed status when garage door is not completely closed. Confirm when the status changes and ensure SENSOR is installed in the optimal location.

### IMPORTANT NOTES:

- GARAGE DOOR SENSOR will trigger when tilted to approximately a 45-degree angle. SENSOR has a delay of approximately 1 second to help eliminate false signals caused by wind or other sources of vibration.
- If you have selected the chimes to be off, BRIDGE will not beep. Refer to Bridge Product Guide for information on setting up chimes.

### DELETE GARAGE DOOR SENSOR

#### GARAGE DOOR SENSOR SETUP

See [Insynctive.Pella.com/Support](https://www.insynctive.com/Pella.com/Support) for how-to videos.

#### 1. Prepare SENSOR

Use a Phillips-head screwdriver to remove the screw that secures the cover to the base of SENSOR. Pull the base away from the cover.

**Remove and reinsert the battery to place SENSOR into Sync Mode for 2 minutes.**

Snap the base onto the top cover, but do not reinstall the screw at this time.

**NOTE:** If 2 minutes pass without a successful deletion, remove and insert the battery again.

## DETAILED INSTRUCTIONS (continued)

### 2. Delete GARAGE DOOR SENSOR from BRIDGE

To delete GARAGE DOOR SENSOR from home automation, follow instructions on page 9.

#### WITHOUT HOME AUTOMATION (Stand-Alone Mode):

Press and hold Sync button on BRIDGE until light begins flashing orange. The Sync button is the bottom button (closer to the light on the front) located on the side of BRIDGE.

BRIDGE is in sync mode while the orange light is flashing. BRIDGE will remain in sync mode for 2 minutes. BRIDGE will then beep, and orange light will turn off to indicate BRIDGE exited sync mode.

To delete GARAGE DOOR SENSOR from BRIDGE,

- Hold SENSOR in the vertical position with the arrow (located on the side) pointing up.
- Rotate SENSOR to the horizontal position and wait for the red light to turn on (about 1 second). Rotate SENSOR back to the vertical position and immediately back to the horizontal position.

**NOTE:** SENSOR cover must be installed to delete SENSOR.

If successfully deleted, the light on BRIDGE will flash red and beep three times.

If GARAGE DOOR SENSOR deletion is unsuccessful, remove and reinstall GARAGE DOOR SENSOR battery to restart the 2-minute sync mode for SENSOR and try again.

To exit sync mode, press the Sync button on BRIDGE until the orange light stops flashing

#### WITH Z-WAVE HOME AUTOMATION:

To exclude or delete GARAGE DOOR SENSOR,

- Hold SENSOR in the vertical position with the arrow (located on the side) pointing up.
- Rotate SENSOR to the horizontal position and wait for the red light to turn on (about 1 second). Rotate SENSOR back to the vertical position and immediately back to the horizontal position.

**NOTE:** SENSOR cover must be installed to delete SENSOR.

## DETAILED INSTRUCTIONS (continued)

If delete signal is successfully received by BRIDGE, the light on BRIDGE will turn solid blue.

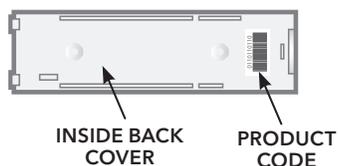
If BRIDGE light does not turn solid blue, remove and reinstall GARAGE DOOR SENSOR battery to restart the 2-minute sync mode for GARAGE DOOR SENSOR and try again.

DO NOT unplug BRIDGE from the wall outlet while the light is solid blue. If BRIDGE is unplugged prior to completing the exclusion process, the above steps will need to be repeated.

While BRIDGE light is solid blue, follow the exclusion process for your home automation system to delete or exclude GARAGE DOOR SENSORS from your system.

Once SENSOR is successfully excluded, the light on BRIDGE will flash red and beep three times.

# ADDITIONAL INSTRUCTIONS



## HOW TO FIND PRODUCT MANUFACTURER'S CODE

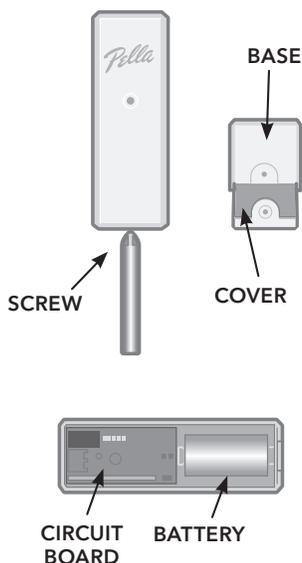
Each Insynctive™ product contains a label with a Manufacturer's Code that will be required to help Pella Customer Service identify the product if service is required. To locate the Manufacturer's Code for GARAGE DOOR SENSOR, remove the top cover. The label is located next to the battery.

## CARE AND MAINTENANCE

- Test Insynctive products at least once per year to help ensure proper operation.
- Keep away from sources of water and moisture.
- Do not paint over SENSORS.

## REPLACING BATTERIES

See [Insynctive.Pella.com/Support](https://www.insynctive.pella.com/support) for how-to videos.



When SENSOR battery is low, a signal will be sent to BRIDGE. To aid in identifying which SENSOR has a low battery, BRIDGE will beep twice and then issue a long tone when the SENSOR changes state (i.e., opens or closes). To replace the battery:

1. Use a Phillips-head screwdriver to remove the screw that secures the top cover.
2. Pull the top cover away from the base.
3. Remove the battery.
4. Carefully place a new CR123A battery into the battery holder.
5. Snap the top cover back onto the base.
6. Reinstall the screw to secure the top cover to the base.



**WARNING:** Batteries carry the risk of fire, explosion and burns. Do not recharge, disassemble or incinerate.

## IMPORTANT NOTES:

- Electrostatic-sensitive. Avoid touching the antenna or circuit board when changing the battery.
- Resyncing SENSOR is not required after battery change.
- Failure to change battery properly when low will impair SENSOR performance.
- Properly dispose of used batteries based on your local requirements. A best practice is to dispose of batteries at your local home chemical collection center. **California Only:** Contains perchlorate material. See [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate) for any special handling regulations.

# TROUBLESHOOTING

Also refer to [Insynctive.Pella.com/Support](https://www.insynctive.pella.com/Support) for more troubleshooting information, including videos, frequently asked questions and reference materials.

Problem	Cause and Possible Solution
Cannot sync GARAGE DOOR SENSOR to BRIDGE.	<p>Verify SENSOR battery is installed correctly and plastic battery tab has been removed. Ensure SENSOR cover is in correct orientation &amp; engaged properly to the base. See page 5 for additional information.</p> <p>Remove and reinstall battery to restart sync mode.</p> <p>Sync SENSOR in same room as BRIDGE to ensure range is not an issue.</p>
BRIDGE does not beep when GARAGE DOOR SENSOR tilts.	<p>Verify that BRIDGE chime feature is turned on. See Bridge Product Guide for details.</p> <p>Battery may be too low to operate SENSOR. Replace battery. See page 11 for additional information.</p> <p>SENSOR may be out of range. Move BRIDGE closer to SENSOR. Verify BRIDGE has power.</p>
Garage door is not completely closed and STATUS INDICATOR shows closed status.	<p>Most garage door openers allow for the garage door to be stopped when opening. If the garage door is stopped prior to SENSOR changing status (occurs at approximately a 45-degree angle), STATUS INDICATOR will show closed. Open the garage door further until the sensor changes status. See page 7 for additional information.</p>

# FCC COMPLIANCE AND INDUSTRY CANADA

This equipment has been tested and found to comply with the limits for Class B digital devices, 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 instruction manual, 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 or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a different circuit from the receiver.
- Consult the dealer or an experienced radio/TV contractor for help.

Changes or modifications not expressly approved by Pella Corporation could void the user's authority to operate the equipment. This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme avec Industrie Canada exempts de licence standard RSS. L'opération est soumise aux deux conditions suivantes: (1) cet appareil ne peut causer d'interférences, et (2) cet appareil doit accepter toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement de l'appareil.

FCC ID: SO7-206F0000  
IC ID: 11009A-206F0000

## LIMITED WARRANTY

A two-year limited warranty comes standard with purchase. For complete warranty details, visit [Insynctive.Pella.com/GarageDoorSensor](http://Insynctive.Pella.com/GarageDoorSensor).

