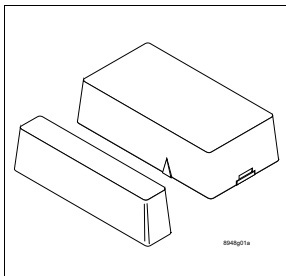


# Learn Mode Micro Door/Window Sensor

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## Installation Instructions

## Product Summary

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The Learn Mode Micro Door/Window Sensor is a supervised, wireless sensor that detects the opening and closing of doors, windows, or drawers. The sensor and magnet are mounted using double-sided adhesive tape (included). When activated, the sensor transmits an open (trip) or close (restore) signal to the panel. Every 64 minutes, the sensor transmits a supervisory signal to the panel, automatically. The sensor is powered by a 3-VDC, lithium coin-cell battery (CR2032) and is replaceable by the installer or the user.

## Installation Guidelines

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- Mounting the sensor on metal can reduce its transmitting range. Therefore, test the sensor from the desired location using the

dealer sensor test, before permanently mounting it.

- Mount the sensor within 100 feet of the panel.
- Mount the sensor on the frame, and the magnet on the door, window, or drawer. If mounting on double doors, mount the sensor on the least used door and the magnet on the other door.

## Programming

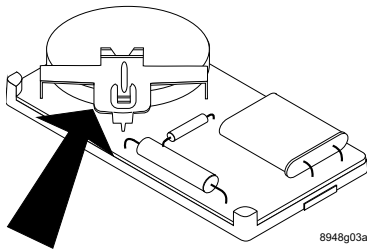
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The following steps describe the general guidelines for adding the sensor into panel memory. Refer to the specific panel installation instructions or reference manual for complete programming details.

1. Set the panel to the program mode.
2. Proceed to LEARN SENSORS.
3. Select the appropriate sensor group and

sensor number assignments.

4. When prompted by the panel to trip the sensor for learning, remove the sensor cover and slide the battery about half-way out of the battery holder (see Figure 1).



**Figure 1. Slide Battery Out of Holder at Location and In Direction of Arrow**

5. Slide the battery back into the holder.
6. Exit program mode.
7. Place the cover back on the sensor.

## Testing the Sensor

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1. Set the panel to the dealer sensor test mode.
2. Take the sensor and magnet to the desired mounting location, making sure to line up their alignment marks with each other.
3. Trip the sensor by pulling the magnet away from the sensor.
4. Listen for interior siren beeps to indicate how many rounds the panel receives from the sensor. You should hear 6 to 8 beeps.

**Note:** The Learn Mode Micro Door/Window Sensor has a built-in power-saver feature that turns on automatically when the sensor is tripped more than once, within a 4-1/4 minute time period. When this feature is on, the sensor transmits only half the usual number of data rounds when tripped. For example, you may hear only up to 4 data rounds instead

of 6 to 8.

For accurate sensor test results, leave the sensor undisturbed in the closed (non-alarm) condition for 5 minutes before tripping it for testing. This gives the sensor enough time to turn off the feature.

## Mounting the Sensor

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After successful programming and testing are completed, mount the sensor and magnet with double-sided tape (included) as follows:

- Note:** You must use 3 pieces of the double-sided tape on the sensor as described in step 1, to ensure the sensor does not move or rock.
1. Apply 3 of the four pieces of double-sided tape to the bottom of the sensor and mount the sensor at the desired location.
  2. Apply the remaining piece of double-sided tape to the bottom of the magnet and

mount it at the desired location, making sure the alignment mark lines up with the sensor's.

3. Retest the sensor using the procedure in the section "Testing the Sensor."

## Specifications

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Dimensions: 1.75" x .80" x .50" (LxWxD)

Operating Temperature Range: 10°F to 120°F

Compatibility: All Learn Mode panels

Power Source: 3-VDC, lithium coin-cell battery (CR2032)

Transmit Range: At least 500 feet, open air

## FCC Notice

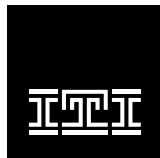
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This device complies with FCC Rules Part 15. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference that may be received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by Interactive Technologies, Inc. can void the user's authority to operate the equipment.

US Patents 4,855,713, 4,864,636 and others pending.



**INTERACTIVE TECHNOLOGIES, INC.**

**2266 SECOND STREET NORTH  
NORTH SAINT PAUL, MN 55109**

**T: 612/777-2690**

**F: 612/779-4890**

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