TX-E401 Wireless Tilt Sensor 319.5 MHz

Installation Sheet

Enrolling

To enroll the sensor, set your panel into program mode. Then go to the Learn Sensors menu. Refer to your specific alarm panel manual for details on these menus. With the battery installed, remove the back cover of the device to activate the tamper switch. Then select the appropriate sensor group and number. Re-attach the cover and replace the screw to secure.

Tilt Sensitivity

The tilt sensor will activate when the device is approximately at a 45 degree angle. By moving the actual ball sensor up or down, you can adjust this angle by a few degrees.

Note: This device has a delay of approximately 1 second to eliminate false alarms caused by wind and vibration commonly subjected to a large garage door.

Mounting

Included with this device are mounting screws and double sided tape. Choose a suitable location for the sensor by following the procedure in the section “Testing the Sensor” ensuring desired signal strength is achieved. For reliable bonding with the tape, ensure the surface is clean and dry. Apply the tape to the sensor and then to the desired location, ensuring that the arrow indicator on the side of the device is pointed upwards. Apply firm pressure for several seconds.

Note: When mounting with double sided tape, ensure temperatures are above 50°F and will remain above 50°F for at least 24 hours to ensure proper bond. After 24 hours, the bond will hold at lower temperatures.

Where possible, install sensors within 100 ft. (30 m) of the panel. While a transmitter may have an open-air range of 500 ft. (150 m) or more, the environment at the installation site may have a significant effect on operational range. Changing a sensor location may improve wireless communication.

Testing the Sensor (Test Weekly)

The sensor test verifies proper communication between the sensor and the panel/receiver. To test the sensor, refer to the specific panel/receiver documentation and do the following:

1. Put the panel/receiver into sensor test mode.
2. Open the garage door the sensor is protecting, or tilt the device. The sensor transmits a signal.
3. Listen for siren beeps to determine the appropriate response.
4. Exit sensor test mode.

Installing / Replacing the Battery

When the battery is low, a signal will be sent to the control panel. To install/replace the battery:

1. Remove the screw securing the back cover, and then remove the cover to reveal the battery.
2. Install / replace with a CR123A battery ensuring the **+** side of the battery matches the indicator on the device.
3. Re-attach the cover and replace the screw to secure.

Note: Removing the cover will trigger a zone tamper signal to the control panel.

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Specifications

Frequency	319.5MHz
Battery	3V lithium CR123A (1550 mAh)
Battery Life	5-8 years
Operating Temperature	32°-120°F (0°-49°C)
Operating Humidity	5-95% RH non condensing
Supervisory Signal Interval	60 min (approximately)
Compatibility	Interlogix Learn Mode Panels and Receivers

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, 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 instructions, 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 into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by UTC Fire and Security 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 (s). Son fonctionnement est soumis aux deux conditions suivantes: (1) cet appareil ne doit pas provoquer d'interférences et (2) cet appareil doit accepter toute interférence, y compris celles pouvant causer un mauvais fonctionnement de l'appareil.
In accordance with FCC requirements of human exposure to radiofrequency fields, the radiating element shall be installed such that a minimum separation distance of 20 cm is maintained from the general population.

FCC: XQC-WST401
IC: 9863B-WST401

This Class B digital apparatus complies with Canadian ICES-3B.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Contact information

For contact information, visit us online at www.interlogix.com.
For technical support, see www.interlogix.com/support

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