

STI-WS102 DOOR/WINDOW SENSOR

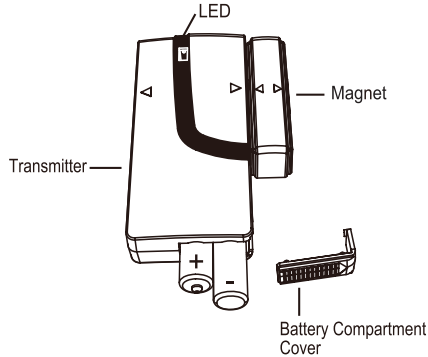
INSTALLATION AND OPERATING INSTRUCTIONS

For use with STI Wire-Free Home Protection System

Please keep these instructions in a safe place for future reference.

Kit contents:

- 1 STI Door/Window Sensor
 - 1 Magnetic contact
 - 1 Double-sided adhesive pad
 - 1 Installation and operating instructions
- Tools and equipment requirement: none



1. Introduction

The STI-WS102 Door/Window Sensor consists of two parts, a transmitter and a magnetic contact. Once this sensor is installed, with the transmitter fastened to the frame and the magnet to the door or window, the sensor will trigger and transmit a message to the Wire-Free Protection System Smart Panel when the door or window is opened.

2. Location

First determine the location of the Sensor, which should be placed:

- In the most vulnerable rooms or near key entry/exit points.
- Away from extreme temperature sources (radiators, ovens, stoves etc.) and large metal objects that could interfere with the wireless performance.
- Away from direct sunlight.
- Indoors only and not behind partitions.
- Mount as high as possible to avoid easy access.
- Where better RF performance can be achieved (if necessary).

3. Installation and Operation

3.1 Powering up the Door/Window Sensor

- Remove the battery cover; insert new batteries, noting the polarity as shown in Fig.1, and replace cover. (Requires 2 x AAA batteries.)
- Low battery indication: If the batteries need to be replaced, the RED LED on the transmitter will flash slowly.

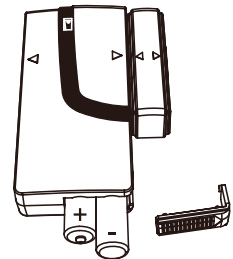


Fig. 1

3.2. Installing the Door/Window Sensor

- Mount the transmitter on a fixed surface such as a door or window frame.
- Mount the magnet on a movable surface such as a door or window.
- Ensure the >< marks on the sides of the transmitter and magnet match up as shown in Fig.2.

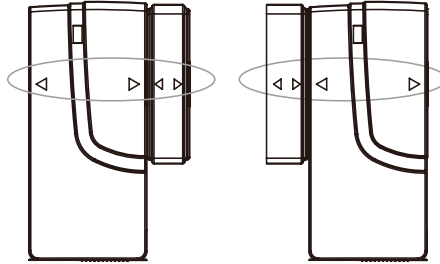


Fig. 2

- The transmitter and the magnet must be no more than 3/16 in. (5mm) apart

3.3. Mounting with the double-sided adhesive pad

- Ensure the mounting surface is clean.
- Peel back one layer of the protective film and attach it to the transmitter.
- Peel back the remaining layer of protective film and press the transmitter firmly in place against the mounting surface until firmly attached.
- Repeat to attach the magnet.

4. House Security Code Settings

Unless the factory settings of the STI Wire-Free Home Protection System Smart Panel have been altered, the House Security Code will NOT need to be changed.

However, if the settings on the Smart Panel have been altered, or need to be altered to solve the problem of the Smart Panel and sensors activating intermittently (or not working at all) or interference with another system, then the House Security Code on all system modules (sensors and sirens) will also need to be changed.

House Security Code settings can be altered as follows:

- There are 4 jumpers or dip-switches on each device.
- Remove the [jumper compartment cover], then pull out or plug the jumper into the contacts to change the House Security Code.
- If a jumper is plugged it is ON, if it is removed it is OFF. Default code is with all the jumpers plugged.
- To ensure the system works correctly, make sure the jumpers on the Smart Panel and all other system modules (sensors and sirens) match exactly.

Jumpers for house security code	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>HOUSE CODE</p> <p>4 3 2 1</p> </div>	<ul style="list-style-type: none"> - Smart Panel - Each sensor <p>Default house code: 1: ON, 2: ON, 3: ON, 4: ON</p> <p>*Jumper: ON = Plugged, OFF = Pull Out</p>
Dip-Switches for house security code		<ul style="list-style-type: none"> - Key Fob Remote <p>Default house code: 1: ON, 2: ON, 3: ON, 4: ON</p>

5. Zone Code Settings

The sensor is supplied with a pre-assigned Zone setting. The sensor can be assigned to a different zone as follows:

- Unscrew and remove the jumper compartment cover on the rear of the sensor.
- In the area marked "Zone Code" there are eight pairs of metal contacts with a number next to each.
- The number corresponding to the pair of contacts which is plugged with a jumper is the current zone.
- To re-assign to a different zone simply unplug the jumper from its current zone and plug it across the contacts corresponding to the new zone, number selected.



6. Maintenance

The product may be cleaned with a soft damp cloth and then wiped dry. Do not use abrasive, solvent based or aerosol cleaners as this may damage and/or discolor the product. Do not allow water to enter or attempt to clean inside the unit.

7. Batteries

Do not allow the batteries to corrode or leak as this may cause permanent damage to the product. Take care to insert the batteries with the correct polarity as shown inside the battery compartments. Do not mix new and old batteries or different types of batteries. Do not use rechargeable batteries.

At the end of their useful life the batteries should be disposed of via a suitable recycling center. Do not dispose of with your normal household waste. DO NOT BURN.

8. Alarm System Limitations

Even the most advanced alarm systems cannot guarantee 100% protection against burglary or environmental problems. All alarm systems are subject to possible compromise or failure-to-warn for a variety of reasons.

Please note you may encounter problems with your system if:

- The sensors are not placed within hearing range of persons sleeping or remote parts of the premises.
- The sensors are placed behind doors or other obstacles.
- Intruders gain access through unprotected points of entry (where sensors are not located).
- Intruders have the technical means of bypassing, jamming or disconnecting all or part of the system.
- The power to the sensors is inadequate or disconnected.
- The sensors are not located in proper environmental/temperature conditions (i.e. too close to a heat source)

Note: Inadequate maintenance is the most common cause of alarm failure; therefore, test your system at least once per week to be sure the sensors and sirens are working properly. Although having an alarm system may make you eligible for reduced insurance premiums, the system is no substitute for insurance.

WARNING: Security system devices cannot compensate for loss of life or property.

9. Warranty

One year limited warranty.



**Safety Technology
International, Inc.**

Waterford, MI 48327
800-888-4784 (4STI)
www.sti-usa.com

