

# WST-301 Wireless Shock + Contact

## Specifications

Frequency: 319.5MHz

Battery: 3V lithium CR123A

Battery life: 5 years

Magnet gap: 1 inch max

Electro Mechanical Shock Sensor

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

Operating Humidity: 5-95% RH non condensing

Compatible with Honeywell and 2GIG receivers

Supervisory signal interval: 60 min(approx.)

Normally closed contact input terminals

## Enrolling

To enroll the sensor, set your panel into program mode, refer to your specific alarm panel manual for details on these menus. There are three triggers on this device and each uses a unique loop number. The shock sensor is assigned to loop 1, the built-in contact is loop 2 and for the external input use loop 3.

When prompted by the panel:

- To enroll the shock sensor, you must trigger the electro mechanical sensor by tapping on the device.
- To enroll the built-in door window, trigger the sensor by moving the included magnet in and out of the range of the reed switch.
- To enroll the external contact input, trigger the sensor by closing the circuit between the two terminal inputs. This can be done with a piece of wire, or if using a hardwired contact, by applying the magnet to that contact.

This device will send a supervisory transmission every hour for each input and if the case is opened, it will send a case tamper signal to each zone programmed.

## Shock Sensitivity

The shock sensor sensitivity can be adjusted to set how much force is required at impact to trigger the alarm. To increase the sensitivity, turn the white potentiometer clockwise, to decrease the sensitivity adjust counter clockwise.

## Mounting

Included with this device is double sided tape for the contact and the magnet. For reliable bonding ensure the surface is clean and dry. Apply the tape to the sensor and then to the desired location. Apply firm pressure for several seconds. It is not recommended to mount the tape at temperatures below 50°F, although after 24 hours the bond will hold at low temperatures.

One side of the sensor is marked with 2 lines; this indicates the location of the reed switch. When using the built in contact, the magnet should be mounted facing this side of the sensor, and it must be no further than one inch from the sensor.

## Replacing the Battery

When the battery is low a signal will be sent to the control panel for all the zones programmed with this device. To replace the battery:

1. Remove the top cover to reveal the battery.
2. Replace with a CR123A battery ensuring the + side of the battery faces as indicated on the device.
3. Re-attached the cover, you should hear a click when the cover engages properly.

## FCC Compliance Statement

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:

- Re-orient 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.

Warning: Changes or modifications not expressly approved by Ecolink Intelligent Technology Inc. could void the user's authority to operate the equipment.

This device complies with Industry Canada licence-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.

**FCC ID:XQC-WST301 IC: 9863B-WST301**

## Warranty

Ecolink Intelligent Technology Inc. warrants that for a period of 2 years from the date of purchase that this product is free from defects in material and workmanship. This warranty does not apply to damage caused by shipping or handling, or damage caused by accident, abuse, misuse, misapplication, ordinary wear, improper maintenance, failure to follow instructions or as a result of any unauthorized modifications.

If there is a defect in materials and workmanship under normal use within the warranty period Ecolink Intelligent Technology Inc. shall, at its option, repair or replace the defective equipment upon return of the equipment to the original point of purchase.

The foregoing warranty shall apply only to the original buyer, and is and shall be in lieu of any and all other warranties, whether expressed or implied and of all other obligations or liabilities on the part of Ecolink Intelligent Technology Inc. neither assumes responsibility for, nor authorizes any other person purporting to act on its behalf to modify or to change this warranty, nor to assume for it any other warranty or liability concerning this product.

The maximum liability for Ecolink Intelligent Technology Inc. under all circumstances for any warranty issue shall be limited to a replacement of the defective product . It is recommended that the customer check their equipment on a regular basis for proper operation.



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