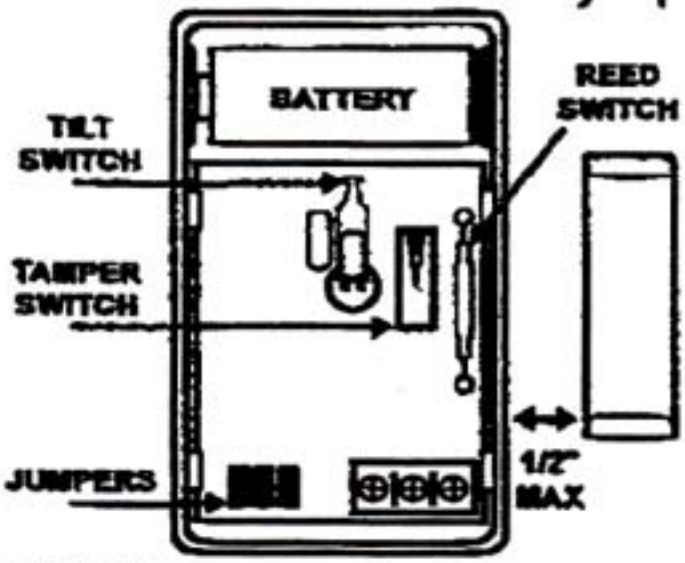
Technical Support (866) 908-ECH

EV-DW319: ITI, CADDX and NAPCO Compatible Door Window Sensor

USER MANUAL

Congratulations, you have purchased a SUPERVISED ITI, CADDX and NAPCO compatible wireless door window sensor!

The EV-DW319 was designed as an upgraded version of the ITI, CADDX AND NAPCO sensor and is feature rich and user friendly to operate.



Features of the EV-DW319:

- Tri- Zone Sensing. Easily protect any THREE zones in close proximity of each other. Reduces labor and expense of having to buy multiple sensors to protect multiple zones. For NAPCO users DW319 is only a DUAL zone sensor.
- Easy garage door protection: Easily protects garage doors with its "TILT" sensing capability. Reports faults and restores based on position of garage door, no magnet needed.
- Programmable tilt sensor output: Can instantly send a fault signal when the garage is opened OR can hold back any fault signal for 1 minute adding precious extra time to the entrance delay.

Version_02

- Reed switch or hardwire inputs
- Low Battery LED indicator- Flashes every 5 seconds once low battery is detected and sent to the central station for easy visual identification
- Tamper switch protected
- Limited Lifetime Warranty: The EV-DW319 door window sensor was designed to last forever with trouble free operation. Secure Wireless agrees to repair or replace the EV-DW319 at no cost to the user.**

Selecting Between ITI/Caddx OR Napco:

	ITI/Caddx Operation	Napco Operation
Jumper 1	IN	OUT

Enrolling the DW319 into an ITI or CADDX panel.

When using the on board reed switch or mercury "Tilt" switch the enrollment process is the same way as any standard ITI or Caddx unit by faulting the tamper switch.

To Use External Contact to add additional zones:

- The DW319 can protect 3 separate areas and report as 3 separate sensors. To teach either or both of the external zones.

Step 1) Remove Jumper #2:

Step 2) Connect one or both external reed switches as needed for your installation.
NOTE: A maximum of 25 feet of wire can be used on each run.

Step 3) Once Panel is ready to receive RF sensor simply FAULT and RESTORE the sensor you wish to learn.

Step 4) Repeat Step 3 to learn the other external sensor if desired.

Step 5) Replace Jumper #2

NOTE: When jumper #2 is removed the external sensor will only send a "TAMPER" for learning purposes. Once the jumper is replaced it will send standard Fault and Restores.

To Use the DW319 with NAPCO:

The DW319 can protect any 2 zones in close proximity.

NOTE: For Napco the 6 digit serial number and the CS (Check Sum) numbers are printed on the back of the case.

Step 1) Remove Jumper # 1

Step 2) Enroll sensor using the Serial number printed on the case or use Napco's Quick Enrollment Mode.

Step 3) Make sure you use POINT 1 for the internal reed or ZONE 1. Use Point 2 for ZONE 2.

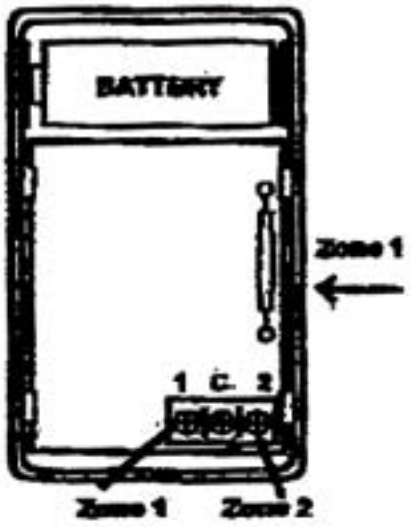
Programming Jumpers:

There are three jumpers inside the EV-DW319 that are used to program the unit. Remove Jumpers as needed for installation.

	IN	OUT
Jumper 3	Reed Switch	Tilt Sensor (Mercury)
Jumper 2*	Instant Transmission	1 Minute delay transmission
Jumper 1	ITI/Caddx Mode	Napco Mode

*The EV-DW319 never looks at Jumper 2 unless Jumper 1 has been removed since it only adds a delay if you are in Tilt sensor mode.

This picture for Napco only:



You can use either the internal reed or an external contact for Zone 1

Figure 1

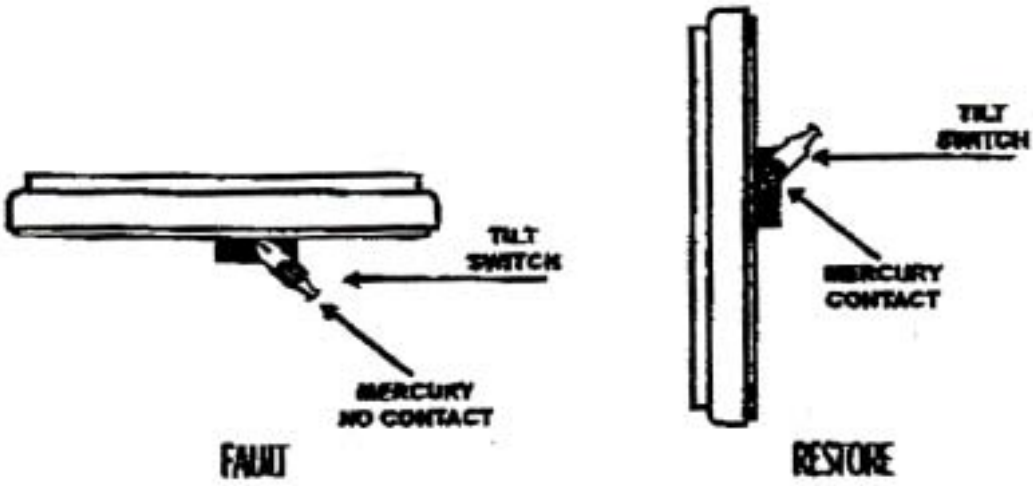
Using the EV-DW319 for Garage Door Protection:

The EV-DW319 is the perfect way to secure any garage door without having to run wires or secure a reed switch into the casement.

Step 1) Remove Jumper 3

Step 2) Look at the orientation of the sensor to ensure that when the garage door is CLOSED the mercury switch is making a connection. Once the garage door is open the mercury switch should not be making contact. See next page.

NOTE: You can program the F319 to wait 1 minute after it sees a Fault to add extra entry delay time. See 'Programming Jumpers'.

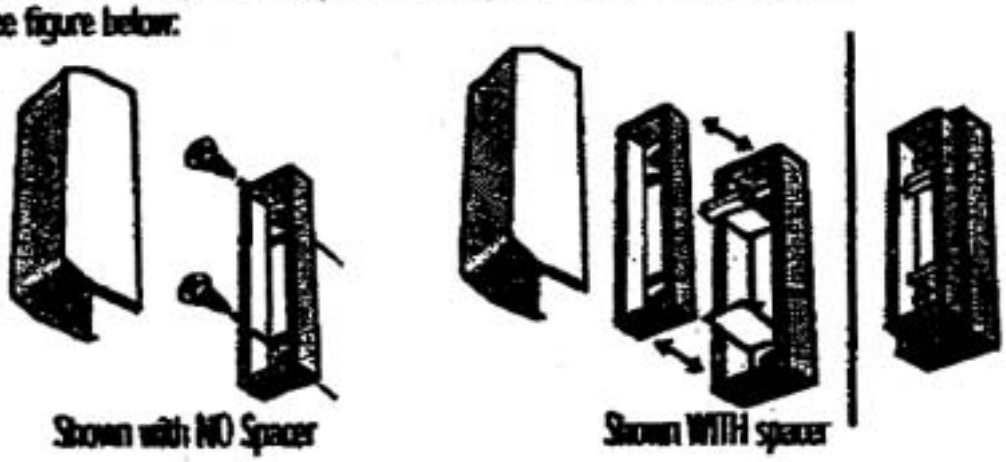


Mounting Bracket:

A mounting bracket has been enclosed to easily allow you to screw the mounting bracket to a door frame and easily attach the sensor. To release bracket, take a small screwdriver and carefully lift up on the bracket tab while moving the sensor up and away from the tab.

Magnet and Spacer:

If you need to add the spacer to the magnet to make it longer, carefully insert a screwdriver and open the magnet. Add the spacer and replace the magnet.
See figure below:



Federal Communications Commission (FCC) Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: The manufacturer is not responsible for any radio of TV interference caused by unauthorized modification to this equipment. Such modification could void the user’s authority to operate the equipment.