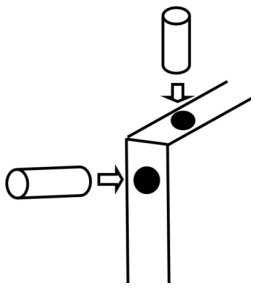
Wireless Recessed Door/Window Sensor
RF-RDWS-345-NN Installation Instructions

Description
The Recessed Door/Window Sensor is a supervised, wireless sensor that detects the opening and closing of doors or windows. The sensor and magnet are recessed mounted into the frame.

When activated, the sensor transmits an open (trip) or close (restore) signal to the panel. These are the signals the unit provides: supervisory and low battery (as needed). The sensor is powered by (1) replaceable 3-VDC, lithium battery.

Mounting the Sensor

- Verify mounting location before drilling any holes, the area must be able to accept an 11/16” hole to a depth of 2 1/4” for the sensor and 5/8” for the magnet
- The holes must be drilled directly across from each other to ensure the magnet and sensor operate properly
- Using an 11/16” drill bit drill the hole for the magnet first, after drilling the magnet hole mark the location directly across for the sensor hole.
- The magnet and sensor are slightly larger than the drilled hole to ensure a snug fit, a small amount of routing the hole may be required
- Push both magnet and sensor into mounting holes



Mount in top or side of door

Programming
The following steps describe the general guidelines for programming the sensor into panel memory. Refer to the specific panel’s documentation for complete programming details.

1. Set the panel to the program mode.
2. Proceed to the SENSORS menu.
3. Select the appropriate sensor group and sensor number assignments.
4. When prompted by the panel to trip the sensor for learning:
    - Remove the cap from the sensor by using a screwdriver and twisting the cap
    - Pull the battery tab out to power the sensor
    - After the battery tab is pulled the sensor will transmit “tampers” for the first fives activations, the sensor should be enrolled during one of these first five trips. If the device is tripped too many times before enrollment the battery must be removed and re-installed to activate the tamper trips again.

5. Exit program mode.

Testing the Sensor

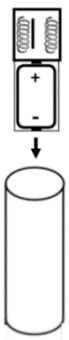
1. Set the panel to the sensor test mode.

2. Monitor the system after tripping the sensor. Refer to the specific panel documentation for interpretation of the results to ensure desired signal strength is achieved.

Note: If a low battery alarm occurs, replace the battery within 7 days.

CAUTION: Battery may explode if mistreated. Do not recharge, disassemble or dispose of in fire.

Battery Replacement



- Remove the sensor cap and carefully pull out the circuit board.
- Push out the old battery towards the antennas and replace with a new battery.
- Carefully slide board back into housing, note the slot for alignment.
- Replace the cap and activate the device at least five times.

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Specifications

Model no.	RF-RDWS-345-NN
RF frequency	345 MHz
Compatibility	Interlogix Learn Mode Panels and Receivers – Concord, NetworX and Simon Series
Battery type	(1) 3-VDC, lithium battery (Varta or Panasonic,
Battery	Panasonic CR2
Operating temperature range	32 to 120°F (0 to 49°C)
Storage temperature range	-30 to 140°F (-34 to 60°C)
Relative humidity	95% non-condensing
Dimensions	2.25” L x .75” D

FCC / IC 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.

Per FCC 15.19 (a) (3) and (a) (4), This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesirable operation.

Per FCC 15.21, The user manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

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 radio frequency fields, the radiating element shall be installed such that a minimum separation distance of 20 cm is maintained from the general population.

FCC: 2ABBZ-RF-RDWS-345

IC: 11817A-RFRDWS345

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. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

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