clare CLR-C1-RCDW Recessed Door/Window Sensor Installation Guide

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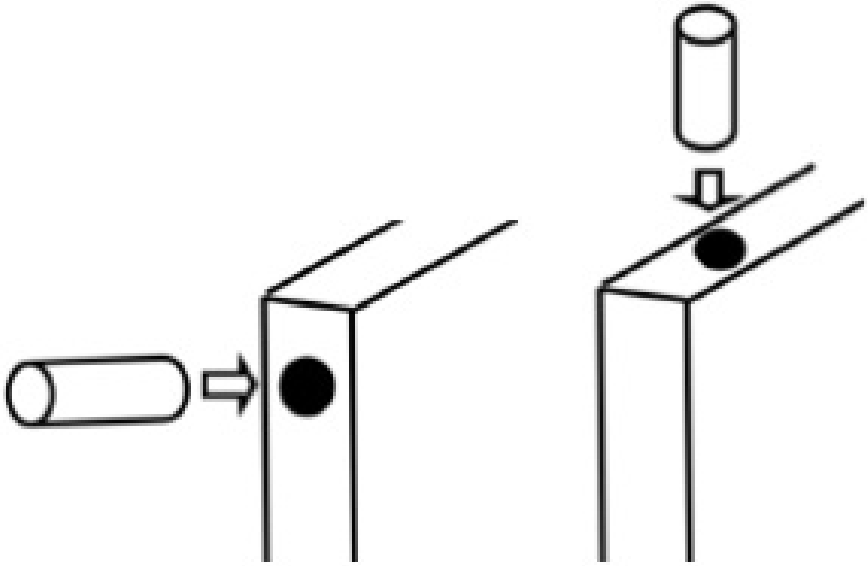
To install the recessed door/window sensor

1. Using an 3/4” drill bit, drill a 5/8” deep hole for the magnet.
2. Mark the location directly across for the sensor hole, and then drill a 2 ¼” deep hole for the sensor.
3. Push both magnet and sensor into mounting holes until they are flush against the frame.
4. The magnet and sensor are slightly larger than the drilled hole to ensure a snug fit. Slight routing of the hole may be required. Verify that there is good door/window closure.
5. Mount in the side or top of the door/window.



Description

The CLR-C1-RCDW 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 and feature a double tamper of both the sensor and case for added security. When activated, the sensor transmits an open (trip) or close (restore) signal to the panel. The sensor also provides supervisory, tamper, and low battery (as needed). The sensor is powered by (1) replaceable 3-VDC Lithium CR2 battery.

Installation

Follow the provided installation guidelines.

- The area must be able to accommodate an 3/4” 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 magnet and sensor operate properly.
- Pull the battery tab out of the sensor before operation, necessary for adding the sensor to the panel.

Programming

To add the sensor to the ClareOne panel:

1. Ensure the magnet and sensor are in their not faulted position (door/window closed).
2. Put the ClareOne panel into sensor paring mode. For detailed programming instructions, refer to the **ClareOne Wireless Security and Smart Home Panel User Manual (DOC ID 1871).**
3. Trip the sensor by opening the door/window (separating the magnet from the sensor).

Testing the Sensor

Verify that the sensor is working properly

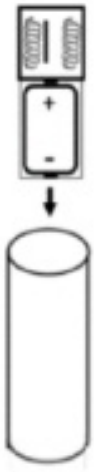
1. Set the panel to the sensor test mode.
2. Take the sensor and magnet to the desired mounting location, making sure to line up their alignment marks with each other. Trip the sensor by pulling the magnet away from the sensor.
3. Monitor the system after tripping the sensor. Refer to the ClareOne Wireless Security and Smart Home Panel User Manual (DOC ID 1871) for specific test information. Note: If a low battery notification occurs, replace the battery within 7 days.

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

Battery replacement
Once the sensor has indicated there is a low battery, the battery must be replaced within 7 days.

To replace the battery

- Remove the sensor cap, and then carefully pull out the circuit board.
- Gently push the battery outward towards the antennas, noting the polarity.
- Removing it completely, and then press a new battery into its place.
- Carefully slide board back into housing, note the slot for alignment.



- Replace the cap, and then activate the device at least five times to ensure proper operation.

Regulatory information
Manufacturer Clare Controls, Llc. 7519 Pennsylvania Ave, Suite 104 Sarasota, FL 34243 North American standards ETL. ETLC

FCC compliance

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:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuitdifferent from that to which the receiver is connected.
4. 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:

FCC: 2ABBZ-RF-RDWS-433 IC: 11817A-RFRDWS433

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. MANUFACTURER HEREBY DISCLAIMS ALL WARRANTIES AND REPRESENTATIONS, WHETHER EXPRESS, IMPLIED, STATUTORY OR OTHERWISE INCLUDING (BUT NOT LIMITED TO) ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THESE PRODUCTS AND ANY RELATED SOFTWARE. MANUFACTURER FURTHER DISCLAIMS ANY OTHER IMPLIED WARRANTY UNDER THE UNIFORM COMPUTER INFORMATION TRANSACTIONS ACT OR SIMILAR LAW AS ENACTED BY ANY STATE.

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Warranty information
Clare Controls offers a two (2) year limited warranty on original Clare Controls components, from the date of shipment from Clare Controls. Contact information Clare Controls, LLC. 7519 Pennsylvania Ave, Suite 104 Sarasota, FL 34243 General: 941.328.3991 Fax: 941.870.9646 **www.clarecontrols.com** Integrator/Dealer Support: 941.404.1072 **claresupport@clarecontrols.com** Homeowner Support (ClareCare): 941.315.2273 (CARE) **help@clarecontrols.com**

Documents / Resources

	**clare CLR-C1-RCDW Recessed Door/Window Sensor** [pdf] Installation Guide RF-RDWS-433, RFRDWS433, 2ABBZ-RF-RDWS-433, 2ABBZRFRDWS433, CLR-C1-RCDW Recessed Door Window Sensor, Recessed Door Window Sensor, Window Sensor, Sensor

References

- Clare Smart Home and Security
- HOME
- ClareOne Wireless Security and Smart Home Panel User Manual
- ClareOne Wireless Security and Smart Home Panel User Manual