

1129 WIRELESS GLASSBREAK DETECTOR

Installation Guide

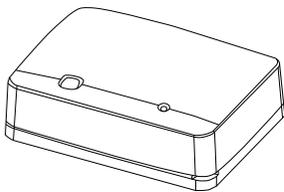


Figure 1: 1129 Wireless Glassbreak Detector

DESCRIPTION

The 1129 Glassbreak wireless sensor is omni-directional, providing 360° detection coverage of framed glass mounted in an outside wall. Mount the 1129 Glassbreak on the ceiling or an opposing wall for maximum flexibility and coverage. The 1129 Glassbreak operates using the supplied 3 VDC Lithium battery.

Compatibility

All DMP 1100 Series Wireless Receivers.

What is Included?

- One Glassbreak detector with DMP wireless transmitter installed
- One 3 V lithium CR123 battery
- Hardware pack

1 PROGRAM THE PANEL

Refer to the panel programming guide as needed.

1. At a keypad, enter **6653** (PROG) to access the **PROGRAMMER** menu.
2. Press **CMD** until **ZONE INFORMATION** displays and press a top row select key or area.
3. Enter the wireless **ZONE NO** and press **CMD**.
4. Enter the **ZONE NAME** and press **CMD**.
5. Select **NT** (night) the **ZONE TYPE**.
6. Select the **AREA NO** and press **CMD**.
7. At the **NEXT ZN?** prompt, select **NO** and press **CMD** until **WIRELESS?** displays.
8. Select **YES** when **WIRELESS?** displays and press **CMD**.
9. Enter the eight-digit **SERIAL#** and press **CMD**.
10. Enter the **SUPRVSN TIME** and press **CMD**.
11. At the **NEXT ZN?** prompt, select **YES** if you are finished programming the zone. Select **NO** if you would like to access additional programming options.

2 INSTALL THE BATTERY

Keep in mind, when setting up a wireless system, program zones and connect the receiver before installing the included CR123A battery in the transmitter.

1. Remove the snap on lid on the 1129 case and gently lift off the cover.
2. Observing polarity, place the battery in the holder and press into place.

3 SELECT A LOCATION

The 1129 Glassbreak coverage is measured from the sensor to the farthest point on the glass. The sensor can be mounted as close as 3.3' (1m) from the glass. Refer to the table below to determine the best location to place the 1129 based on window type, glass thickness, window to wall range, and wall type.



Note: The sensor can be mounted as close as 3.3' (1 m) from the glass and the minimum glass size is 1' x 2' (0.3 m x 0.6 m).

Window Type	Glass Thickness	Maximum Range	Wall Type
Plate	3/32" - 1/4" (2.4mm - 6.4mm)	20' (6m)	Opposite, adjoining, ceiling
Tempered	1/8" - 1/4" (3.2mm - 6.4mm)	20' (6m)	Opposite, adjoining, ceiling
Laminated	1/8" - 1/4" (3.2mm - 6.4mm)	20' (6m)	Opposite, adjoining, ceiling
Wired	1/4" (6.4mm)	20' (6m)	Opposite, adjoining, ceiling
Armor-coated	N/A	12' (3.65m)	Opposite, adjoining, ceiling

Optimize Detection

To optimize detection, install the 1129 in the following areas:

- Large rooms with moderate noise

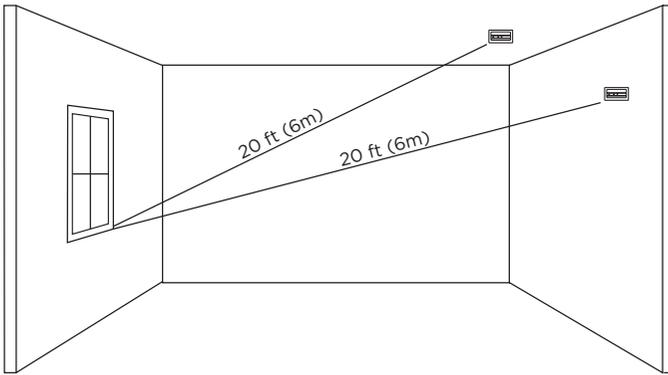


Figure 2: 1129 Detection Range

Avoid False Alarms

To avoid false alarms, do not install the 1129 in the following areas:

- Rooms with lined, insulated, or dampening drapes
- Rooms with closed, wooden shutters on the inside
- Room corners
- 24-hour loop applications where the sensor is armed even when the room is in use.
- Where white noise (air compressor) is present
- Rooms smaller than 10'x10'
- Rooms with multiple noise sources like televisions, sinks, speakers, etc.
- Excessively humid rooms



Note: Avoid programming the 1129 as a day or supervisory zone to help avoid false alarms.

Check the Location Using the Survey LED

1. Hold the 1129 in the exact desired location.
2. Press the tamper switch to send data to the receiver and determine if communication is confirmed or faulty.



Confirmed: If communication is confirmed, the survey LED turns on when data is sent to the receiver and off when acknowledgement is received. Repeat this test to confirm five separate consecutive LED blinks. Any indication otherwise means proper communication has not been established.



Faulty: If communication is faulty, the LED remains on for several seconds or flashes multiple times in quick succession. Relocate the 1129 or receiver until the LED confirms clear communication. Proper communication between the 1129 and receiver is verified when for each press or release of the tamper switch, the LED blinks immediately on and immediately off.

4 MOUNT THE 1129

1. With the 1129 already open, place the 1129 base on the wall in the desired location.
2. Use the provided hardware pack to mount the base to the wall. See Figure 3 for mounting hole locations.
3. Reinstall the 1129 cover back on to the base.

5 TEST THE 1129

Testing the Sensor

To test the 1129, use a hand-held tester like the FG-701 to imitate glass breaking. For more information, refer to the glassbreak tester manual.

1. Verify the tester is set for tempered glass.
2. Hold the tester near the glass surface, aim the tester at the 1129 Glassbreak, and hold down the test button. If drapes or blinds are present, test with the hand-held tester behind the closed drapes or blinds (do not use the sensor with heavy or lined drapes).
3. Check that the sensor LED momentarily lights solid while the tester triggers. This indicates the glass is within detection range.
4. If the LED does not light solid, but simply continues blinking, re-position the sensor closer to the protected windows and retest.
5. Continue testing as needed to find the best 1129 Glassbreak mounting location

Testing may indicate the requirement to mount additional sensors in order to achieve adequate coverage. It is very rare that the sensor does not activate within its stated range of coverage. If there is any question about the range, double check for adequate battery strength in the hand-held tester. A new tester battery should restore range.

The sensor automatically changes from test mode to normal mode approximately one minute after it last hears the hand-held tester.

ADDITIONAL INFORMATION

Replace the Battery

1. Remove the 1129 housing cover.
2. Remove the old battery from the holder.
3. Observe polarity and insert the new battery in the holder (3 V lithium CR123A battery).
4. Replace the cover on the 1129 and secure the housing.

Sensor Reset to Clear LOBAT

When the battery needs to be replaced, a **LOBAT** message will display on the keypad. Once the battery is replaced, a sensor reset is required at the system keypad to clear the **LOBAT** message.

1. On a Thinline keypad, press and hold “2” for two seconds. On a touchscreen keypad press **RESET**.
2. Enter your user code if required.
3. The keypad displays **SENSORS OFF** followed by **SENSORS ON**.

MOUNTING HOLES

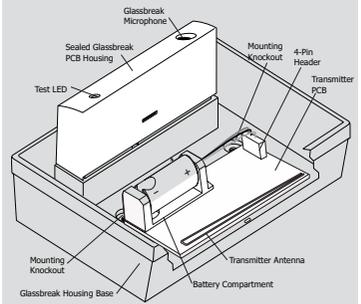


Figure 3: Mounting Holes

FCC INFORMATION

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.

The antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm (7.874 in.) from all persons. It must not be located or operated in conjunction with any other antenna or transmitter.

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



Note: 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. 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.

INDUSTRY CANADA INFORMATION

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.

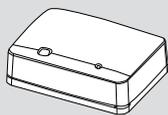
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. *l'appareil ne doit pas produire de brouillage, et*
2. *l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.*

This system has been evaluated for RF Exposure per RSS-102 and is in compliance with the limits specified by Health Canada Safety Code 6. The system must be installed at a minimum separation distance from the antenna to a general bystander of 7.87 inches (20 cm) to maintain compliance with the General Population limits.

L'exposition aux radiofréquences de ce système a été évaluée selon la norme RSS-102 et est jugée conforme aux limites établies par le Code de sécurité 6 de Santé Canada. Le système doit être installé à une distance minimale de 7.87 pouces (20 cm) séparant l'antenne d'une personne présente en conformité avec les limites permises d'exposition du grand public.

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Specifications

Battery	
Life Expectancy	3 years
Type	3.0V Lithium CR123
RF Frequency Range	903-927 MHz
Sensor RF Immunity	20 V/meter, 1MHz to 1000MHz
Microphone	Omni-directional
Dimensions	4.25" L x 3.15" W x 1.75" H
Color	White (passes VW-1)
Housing material	Flame retardant ABS

Compatibility

All DMP Control Panels and 1100 Series Wireless Receivers

Certifications

FCC Part 15 Registration ID CCKPC0191

IC Registration ID 5251A-PC0191

Accessories

5709C-W	Glassbreak Simulator
CR123	3.0V Lithium Battery



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