

1128 WIRELESS GLASSBREAK DETECTOR

Installation Guide

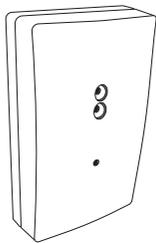


Figure 1: 1128 Wireless Glassbreak Detector

DESCRIPTION

The 1128 Wireless Glassbreak Detector is a fully-supervised, low current shock and glassbreak sensor that provides detection coverage up to 20 ft from framed glass mounted in an outside wall.

You can mount the 1128 on the ceiling or on an opposing wall for maximum flexibility and coverage. The 1128 operates using the supplied 3 V lithium battery.

Compatibility

All DMP 1100 Series Wireless Receivers and Burglary Panels.

What is Included?

- One 1128 Wireless Glassbreak Detector
- One 3 V lithium CR123A battery
- Hardware Pack

1 PROGRAM THE PANEL

When programming the 1128 in 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 holding screw at the lower end of the 1128 case and gently lift off the cover. See Figure 2.
2. Observing polarity, place the battery in the holder and press into place. See Figure 3 for the battery location.

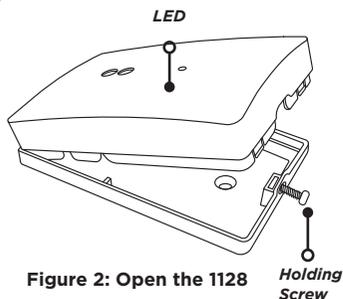


Figure 2: Open the 1128

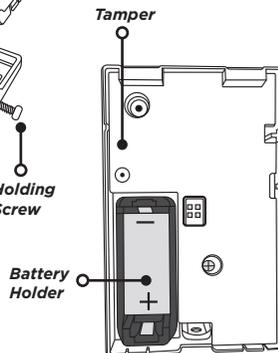


Figure 3: 1128 Battery Location

3 SELECT A LOCATION

The 1128's 360° detection coverage is measured from the 1128 to the point on the glass farthest from the 1128. Refer to the table below to determine the best location to place the 1128 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 1128 in the following areas:

- Large rooms with moderate noise
- In the direct line of site of all windows that are to be protected
- On the opposite wall of the window that it's protecting. See Figure 4 for detection range.

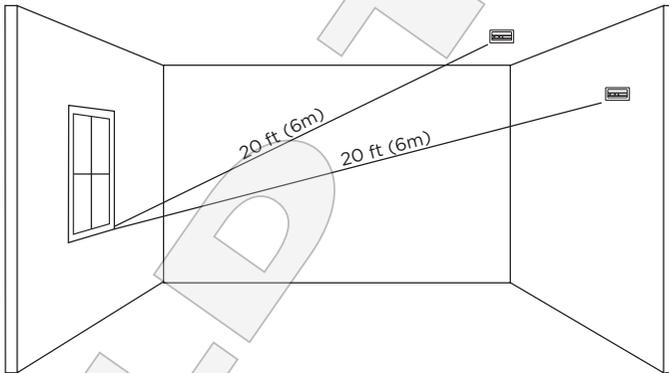


Figure 4: 1128 Detection Range

Avoid False Alarms

To avoid false alarms, do not install the 1128 in the following areas:

- Rooms with lined, insulated, or dampening drapes
- Rooms with closed, wooden shutters on the inside
- Room corners
- 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 1128 as a day or supervisory zone to help avoid false alarms.

Check the Location Using the Survey LED

1. Hold the 1128 in the exact desired location.
2. Press the tamper switch to send data to the receiver and determine if communication is confirmed or faulty. See Figures 2 and 3 for tamper switch and LED locations.

- ✓ **Confirmed:** If communication is confirmed, the survey LED turns on when data is sent to the receiver and off when acknowledgement is received.
- ✗ **Faulty:** If communication is faulty, the LED remains on for several seconds or flashes multiple times in quick succession.
- ✗ Relocate the 1128 or receiver until the LED confirms clear communication. Proper communication between the 1128 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 1128

1. With the 1128 already open, place the 1128 base on the wall in the desired location.
2. Use the provided hardware pack to mount the base to the wall. See Figure 5 for mounting hole locations.
3. Reinstall the 1128 cover back on to the base and tighten the holding screw.

5 TEST THE 1128

Handheld Glassbreak Test

To test the 1128, use a hand-held tester like the DMP Model 5709C-W to imitate glass breaking.

1. Set the tester to tempered glass mode.
2. Stand near the protected glass and activate the tester. When the 1128 red LED momentarily lights solid red, the glass is within the detection range. Repeat this step for all detection areas in order to ensure adequate coverage.

 **Note:** Room acoustics can artificially extend the 1128's sensor range. The 1128's specified range is established for worst-case conditions. While the 1128 may function at an additional range, it may miss a minimum output break.

Wireless Walk Test

Perform a Wireless Walk Test to confirm that the 1128 is communicating clearly with the panel.

1. At the keypad, enter **8144** (WALK) and select **WLS**.
2. If the 1128 fails to check in at the keypad, relocate the 1128 or the receiver.

ADDITIONAL INFORMATION

Replace the Battery

1. Remove the holding screw and open the 1128 housing.
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 1128 and secure the housing with the holding screw.

MOUNTING HOLES

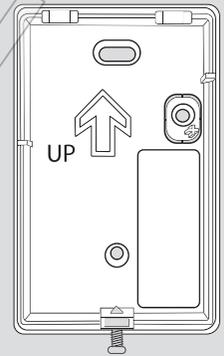


Figure 5: Mounting Holes

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.

1128 WIRELESS GLASSBREAK DETECTOR



Specifications

Battery	
Life Expectancy	3 Years (normal operation)
Type	3 V lithium CR123A
Frequency Range	905-925 MHz
Transmit Condition	Alarm, Low Battery, Tamper
Detection Method	Omni-directional
Range	20 ft (6 m)
Operating Temperature	-10°C to +55°C
Current	Standby
Color	White (passes VW1)
Housing Material	Flame retardant ABS
Dimensions	3.3"L x 2.1"W x 0.9"D
Weight	4.2 oz.

Certifications

FCC Part 15 Registration ID CCK1128

IC Registration ID 5251A-1128

Accessories

5709C-W Glassbreak Simulator



© 2018 Digital Monitoring Products, Inc.

LT-1825 18365

INTRUSION • FIRE • ACCESS • NETWORKS

2500 North Partnership Boulevard
Springfield, Missouri 65803-8877

866.266.2826 | DMP.com