



2GIG-GB1E-900

# GLASS BREAK DETECTOR

## INSTALLATION INSTRUCTIONS

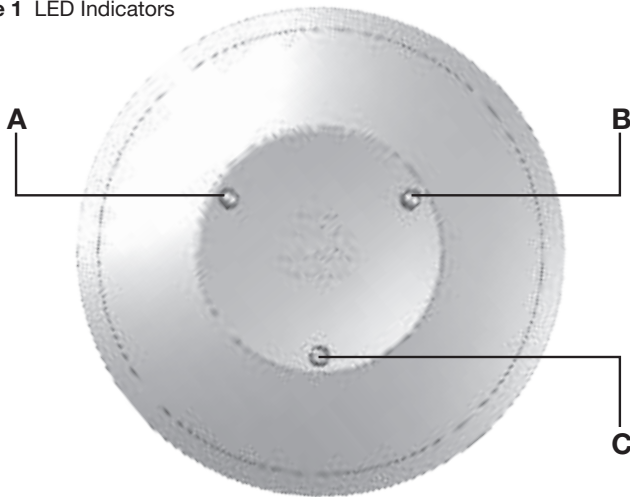
The E+ Glass Break Detector ( 2GIG-GB1E-900) is a fully-supervised, tamper-protected, ceiling- or wall-mounted unit. It is one of the E+ devices from Nice North America LLC providing extended wireless range with encrypted communications to the control panel using the 900Mhz frequency. The detector provides a 2 ft (7.6 m) maximum detection range, 360° maximum horizontal sensing angle, and dual-stage glass break detection.

### Contents

Verify that the package includes the following:

- 1—Glass Break Detector (with Mounting Base)
- 2—Lithium Batteries
- 3—Plastic Wall Anchors with Screws

Figure 1 LED Indicators



- A RED LED
- B GREEN LED
- C TEST button
- D Imprinted arrow (for alignment of cover and base)

### Inserting and Replacing the Batteries

To insert or replace the batteries:

- 1 Unwrap the door contact.
- 2 Holding the cover and base, twist the cover in a counter-clockwise motion. When the imprinted arrows on the side of the detector are aligned, separate the unit.
- 3 Remove the old batteries.

**IMPORTANT:** Always dispose and/or recycle used batteries in accordance with the hazardous waste recovery and recycling regulations for your location. Your city, state, or country may also require you to comply with additional handling, recycling, and disposal requirements.

- 4 Insert the batteries in the compartment. Always match the plus (+) sign on the battery with the flat side of the compartment and the minus (-) sign on the battery with the spring side of the compartment. It takes approximately five (5) seconds for the detector to power ON.

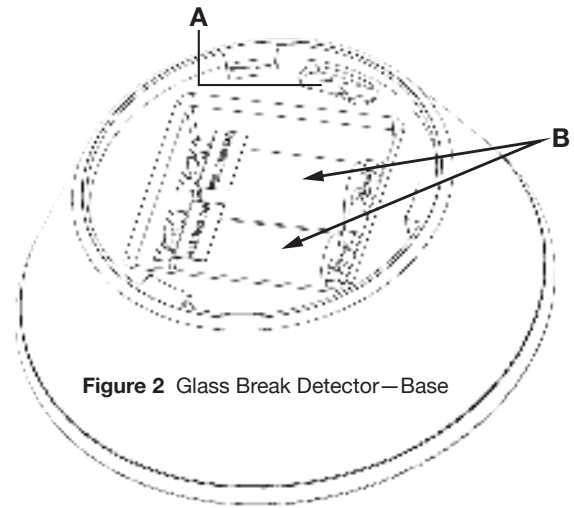


Figure 2 Glass Break Detector—Base

- A Tamper switch
- B Battery compartments (RED tabs located behind compartments)

**WARNING:** Failure to follow these warnings and instructions can lead to heat generation, rupture, leakage, explosion, fire, or other injury, or damage. Do not insert the battery into the compartment in the wrong direction. Always replace the battery with the same or equivalent type (see **Specifications** on page 2). Never recharge or disassemble the battery. Never place the battery in fire or water. Always keep batteries away from small children. If batteries are swallowed, promptly see a doctor.

### Wall Mounting

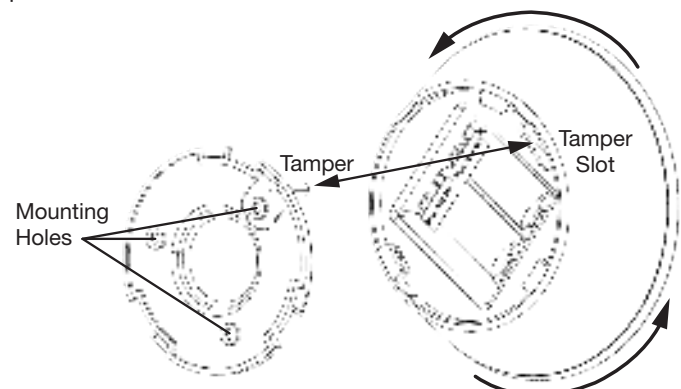
When wall mounted, the detector provides protection coverage on the opposite or adjacent window. Windows on the same wall as the detector are not protected.

To mount the detector to a wall:

- 1 If not already installed, insert the batteries (see "Inserting and Replacing the Batteries").
- 2 Place the base of the detector on the adjacent or opposite wall from the window being protected.
- 3 Use the three (3) Plastic Wall Anchors (provided) to mount the base of the detector to the wall.

**IMPORTANT:** Always mount the detector so the Test button is in the downward position.

- 4 Holding the cover, align the Tamper with the Tamper Slot, then use a clockwise twist motion to lock the cover to the mounted back plate.



## Glass Type and Thickness

The minimum size and shape for all glass types is 11 x 11 in (28 x 28 cm) square. Glass must be framed in the wall of the room or mounted in a 36 in (91 cm) barrier.

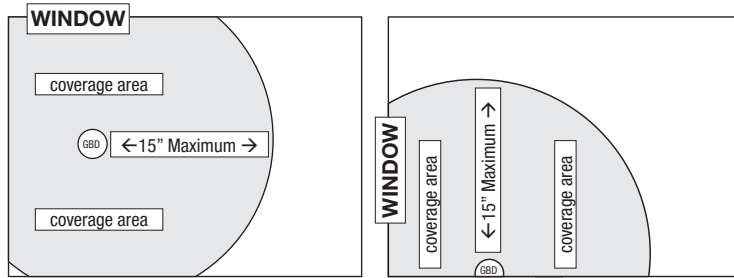


Figure 3 Battery Compartment and Polarity

Type	Minimum to Maximum Thickness
Plate	1/8 – 1/4 in (3.2 – 6.4 mm)
Tempered	
Sealed Insulating†	

† Sealed insulating glass types are protected only if both plates of glass are broken.

## PROGRAMMING

The following steps describe general guidelines for programming (Learning) the sensor into the alarm control panel memory. For more details, refer to the 2GIG Installation & Programming Instructions.

- 1 Set the panel to Sensor Learning mode.
- 2 Pull battery tab from the Detector to start auto-learn.
- 3 If Detector is already powered up, press and hold the Test button for 3 seconds until red LED starts to flash (see Figure x).
- 4 Once pairing is successful, the Detector LED will long flash red one time, turn off and then exit pairing mode.

**NOTE:** Pairing mode expires automatically after 1 minute of entering the mode.

## RF TESTING

To verify good RF signal, use the following steps:

- 1 Press the Test button twice.
- 2 Observe LED flashing.  
**Good signal:** One long flash  
**Poor signal:** Two quick blinks
- 3 The sensor exits Signal Test mode automatically afterward.

## Industry Canada (IC) Compliance

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.

## Regulatory Information

We, Nice North America, LLC of 5919 Sea Otter Place STE 100, Carlsbad, CA 92010, declare under our sole responsibility that the device, 2GIG-DW10E-345 complies with Part 15 of the FCC rules.

### Customer Service

(800) 421-1587  
M – F, 8am – 7pm EST

### Nice North America LLC

5919 Sea Otter Place, Suite 100  
Carlsbad, CA 92010



### Niceforyou.com

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## FCC Notice

This device complies with Part 15 of the FCC's Rules. Operation is subject to the following two conditions:

- 1 This device may not cause harmful interference, and
- 2 The device must accept any interference received, including interference that may cause undesired operation.

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 Class B digital apparatus complies with Canadian ICES-003

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

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.

### FCC:

**Federal Communication Commission (FCC) Radiation Exposure Statement:** When using the product, maintain a distance of 20cm from the body to ensure compliance with RF exposure requirements.

### IC:

**Radiation Exposure Statement:** This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Déclaration d'exposition aux radiations Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

This product complies with FCC radiation exposure limits for an uncontrolled environment. Avoid operating this product at a distance less than 20 cm from the user.

**CAUTION:** Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

## Limited Warranty

This Nice North America LLC product is warranted against defects in material and workmanship for two (2) years. This warranty extends only to wholesale customers who buy direct from Nice North America LLC or through Nice North America LLC's normal distribution channels. Nice North America LLC does not warrant this product to consumers. Consumers should inquire from their selling dealer as to the nature of the dealer's warranty, if any.

There are no obligations or liabilities on the part of Nice North America LLC for consequential damages arising out of or in connection with use or performance of this product or other indirect damages with respect to loss of property, revenue, or profit, or cost of removal, installation, or reinstallation. All implied warranties for functionality, are valid only until the warranty expires. This Nice North America LLC Warranty is in lieu of all other warranties expressed or implied.

## Specifications

Wireless Signal Range	TBD, open air, with Wireless Control Panel
Code Outputs	Alarm; Alarm Restore; Tamper; Tamper Restore; Supervisory; Low Battery
Transmitter Frequency	902MHz~928MHz
Supervisory Interval	70 minutes
Sensor Type	Single microphone, dual stage thud, and crash
Maximum Horizontal Sensing Angle	360° for ceiling mount or 180° for wall mount
Dimensions (D x H)	TBD
Weight (including battery & magnet)	TBD
Housing Material	ABS Plastic
Color	White
Operating Temperature Limits	32° to 120° F (0° to 49° C)
Relative Humidity	5-90% Non-Condensing
Battery (installed with pull tab)	Two (2) CR 123A 3V or equivalent Lithium batteries
Approved Glass Break Simulator	FG-701 Glassbreak Simulator
Certification	ETL, FCC and IC
Panel Programming Sensor Loop	Loop 1