

# GLASS BREAK DETECTOR

## INSTALLATION INSTRUCTIONS

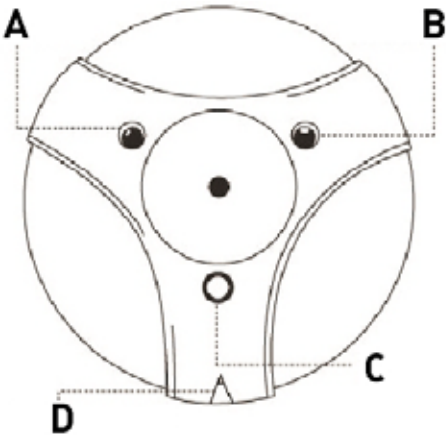
The Glass Break Detector (2GIG-GB1-345) is a fully-supervised, tamper-protected, ceiling- or wall-mounted unit. It communicates with the control panel using the 345 MHz frequency. The detector provides a 15 ft (4.6 m) maximum detection range, 360° maximum horizontal sensing angle, and dual-stage glass 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:

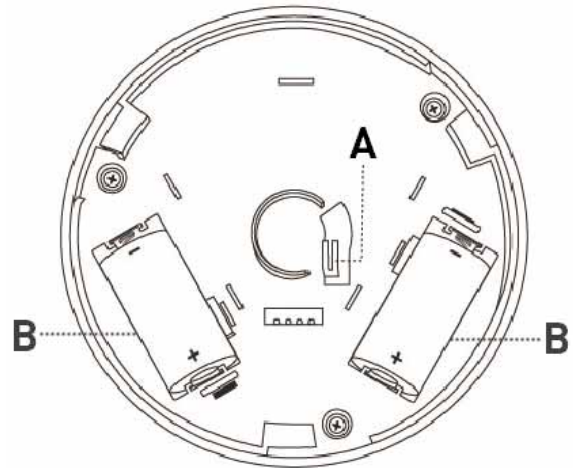
- 1 Unwrap the detector.
- 2 Holding the cover and base, twist the cover in a counter-clockwise motion. When the imprinted arrows on the side of the detector are aligned, separate the unit.
- 3 Remove the old batteries.

**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)

**NOTE:** If closing the detector when batteries are not present, gently push the RED tabs on the backside of the base away from the detector (see *Figure 2 Glass Break Detector—Base*).

- 5 Holding the cover, align the imprinted arrows on the detector and then twist the cover in a clockwise motion to close the unit.

**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" on page 1*).
- 2 With the cover off, 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.

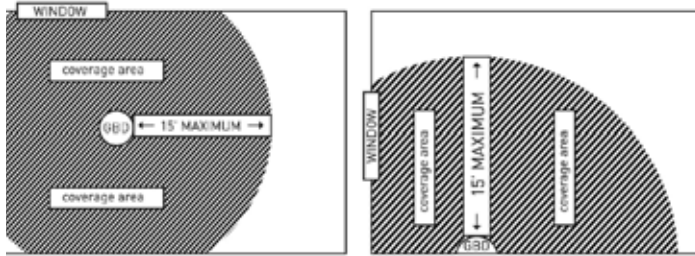
**IMPORTANT:** Always mount the detector so the **Test** button is in the downward position.

- 4 Holding the cover, align the imprinted arrows. Then use a clockwise twist motion to lock the cover into place.

## 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 Glass Type and Thickness



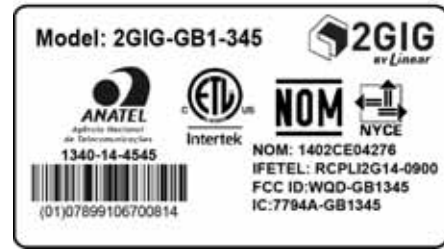
Type	Minimum to Maximum Thickness
Plate	1/8 - 1/4 in (3.2 - 6.4 mm)
Tempered	1/8 - 1/4 in (3.2 - 6.4 mm)
Sealed Insulating†	1/8 - 1/4 in (3.2 - 6.4 mm)

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

## SPECIFICATIONS

Wireless Signal Range	300 ft (91.44 m), open air, with Wireless Control Panel
Code Outputs	Alarm; Alarm Restore; Tamper; Tamper Restore; Supervisory; Low Battery
Transmitter Frequency	345.00 MHz (crystal controlled)
Unique ID Codes	Over one (1) million different code combinations
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)	4.55 x 1.9 in (11.56 x 4.83 cm)
Weight (including battery & bracket)	5.1 oz (144.6 g)
Housing Material	ABS Plastic
Color	White
Operating Temperature Limits	32°-120° F (0° - 49° C)
Relative Humidity	5-90% Non-Condensing
Battery (included, not installed)	Two (2) CR 123A 3V or equivalent Lithium batteries
Approved Glass Break Simulator	FG-701 Glassbreak Simulator
Certification	Anatel, ETL, FCC, IC, IFETEL, and NOM

## REGULATORY INFORMATION



### 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 This device must accept any interference received, including interference that may cause undesired operation.

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.

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:** Any changed or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

### 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.*

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

## LIMITED WARRANTY

This Nortek Security & Control 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 Nortek Security & Control LLC or through Nortek Security & Control LLC's normal distribution channels. Nortek Security & Control 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 Nortek Security & Control 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 Nortek Security & Control LLC Warranty is in lieu of all other warranties expressed or implied.

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855-2GIG-TECH (855-244-4832)

Email: [2gigtechsupport@nortek.com](mailto:2gigtechsupport@nortek.com)

Visit web site for technical support hours of operation

#### **For technical support outside of the USA and Canada:**

Contact your regional distributor

Visit [dealer.2gig.com](http://dealer.2gig.com) for a list of distributors in your region

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