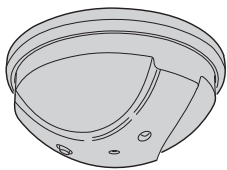


NAPGB01

GLASS BREAK DETECTOR TRANSMITTER

Installation Instructions



Linear[®]
Building On Innovation.

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INSTALLING OR CHANGING BATTERIES

INSERT TWO CR123A BATTERIES INTO BATTERY HOLDERS

OBSERVE POLARITY !!!

WARNING
DANGER OF EXPLOSION IF BATTERIES ARE INSTALLED INCORRECTLY. REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE RECOMMENDED BY THE MANUFACTURER.

DETECTOR TESTING

- PRESS AND HOLD THE TEST BUTTON FOR 2 SECONDS, THEN RELEASE. THE RED LED WILL LIGHT WHILE THE BUTTON IS PRESSED, THE GREEN LED WILL BLINK ONCE INDICATING AUTO TEST MODE FOR 90 SECONDS.
- ACTIVATE THE GLASS BREAK SIMULATOR IN THE AREA OF THE WINDOW OR WINDOWS BEING PROTECTED.
- THE DETECTOR SHOULD FIRST ACKNOWLEDGE THE DETECTION OF A THUD SOUND BY LIGHTING THE GREEN LED, THEN LIGHT THE RED LED WHEN IT DETECTS THE CRASH PORTION OF THE GLASS BREAKING SOUND

NOTE: FOR RF TEST MODE, PRESS AND HOLD THE TEST BUTTON FOR 5 SECONDS, THE GREEN LED WILL BLINK TWICE AND A TEST SIGNAL IS SENT FOR 90 SECONDS

INTELLISENSE MODEL FG-701 GLASS BREAK SIMULATOR

PRODUCT DESCRIPTION

The NAPGB01 is a battery powered glass break detector with a built-in transmitter designed for use with NAPCO[®] GEM and GEM-C systems. This transmitter is used for perimeter protection in wireless security applications.

The NAPGB01 can send five different signal types: fault, restore, low battery, status, and tamper. Receivers must be programmed to the transmitter's code before system testing and operation. Refer to the receiver's instructions for details on programming.

In a typical installation, the detector is mounted on a wall or ceiling within 15 feet of the protected glass window(s). The unit uses dual-stage digital audio processing to detect the sound of breaking glass in a 360° area around the device. If the unit detects breaking glass, a **fault** signal is sent to the receiver followed by a **restore** signal.

Being supervised, about every 65 minutes the unit sends a **status** signal to update the receiver. If the battery tests low, a **low battery** signal is included with any transmission. The transmitter is powered from two 3-Volt CR123A lithium batteries (included).

An internal switch senses if the detector is removed from its base. Removing the detector will send a **tamper** signal to the receiver.

Three screws and screw anchors are provided for mounting the detector.

PROGRAMMING

For a detail programming guide, the instruction manual should be consulted for that panel. The below guide should only be used as a reference and not as a replacement for using the programming instructions.

- Enter Panel Programming
- Select Zone #
- Enter 6 Digit ID number (located on back of unit)
- Enter Check sum (0-9 ; A-F) (located on back of unit). Digit that follows ":" on the Serial ID. For A-F use 0-5 (See Below)
- Enter Point "3" - for Glass Break
- Push On/Off to Save

Alpha Numeric Conversion

A = *0	D = *3
B = *1	E = *4
C = *2	F = *5

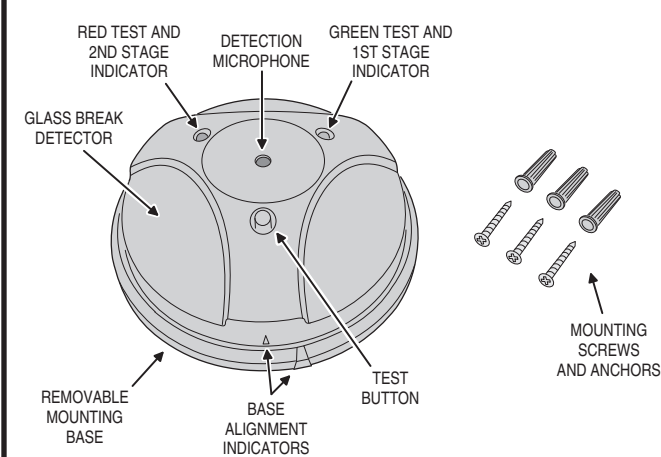
SPECIFICATIONS

Operating Temperature:	32° to 120° F (0° to 49° C)
Operating Relative Humidity:	5 to 95%, non-condensing
Operating Frequency:	319.5 MHz
Battery Type:	Two 3-Volt CR123A Lithium Batteries
Sensor Type:	Single microphone, dual-stage (thud & crash)
Approved Glass Break Simulator:	Intellisense Model FG-701

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

GLASS TYPE	MINIMUM TO MAXIMUM THICKNESS
PLATE	1/8" TO 1/4" (3.2 mm TO 6.4 mm)
TEMPERED	1/8" TO 1/4" (3.2 mm TO 6.4 mm)
SEALED, INSULATING	1/8" TO 1/4" (3.2 mm TO 6.4 mm)

FEATURES



MOUNTING THE DETECTOR

- LOCATE THE DETECTOR ON THE ADJACENT OR OPPOSITE WALL OR ON THE CEILING WITHIN 15 FEET OF THE WINDOW BEING PROTECTED
- USE THE MOUNTING BASE AS A TEMPLATE TO MARK THE LOCATION OF THE THREE MOUNTING HOLES
NOTE: WHEN WALL MOUNTING, ORIENT THE TEST BUTTON DOWN
- DRILL 3/16" PILOT HOLES FOR THE SCREW ANCHORS AND PUSH THE ANCHORS INTO THE HOLES
- ATTACH THE MOUNTING BASE WITH THE THREE SCREWS
- ATTACH THE DETECTOR TO THE BASE, MATCH THE ALIGNMENT MARKS AND TURN CLOCKWISE

NOTE: IF THE BATTERIES ARE NOT INSTALLED, THE DETECTOR WILL NOT ALLOW MOUNTING TO THE BASE

LINEAR LIMITED WARRANTY

This Linear product is warranted against defects in material and workmanship for twelve (12) months. **This warranty extends only to wholesale customers** who buy direct from Linear or through Linear's normal distribution channels. Linear 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 Linear 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, including implied warranties for merchantability and implied warranties for fitness, are valid only until the warranty expires. **This Linear LLC Warranty is in lieu of all other warranties express or implied.** All products returned for warranty service require a Return Product Authorization Number (RPA#). Contact Linear Technical Services at 1-800-421-1587 for an RPA# and other important details.

IMPORTANT !!!

Linear radio controls provide a reliable communications link and fill an important need in portable wireless signaling. However, there are some limitations which must be observed.

- * For U.S. installations only: The radios are required to comply with FCC Rules and Regulations as Part 15 devices. As such, they have limited transmitter power and therefore limited range.
- * A receiver cannot respond to more than one transmitted signal at a time and may be blocked by radio signals that occur on or near their operating frequencies, regardless of code settings.
- * Changes or modifications to the device may void FCC compliance.
- * Infrequently used radio links should be tested regularly to protect against undetected interference or fault.
- * A general knowledge of radio and its vagaries should be gained prior to acting as a wholesale distributor or dealer, and these facts should be communicated to the ultimate users.

This device complies with FCC Part 15 and Canada Rules and Regulations. 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.