2GIG®

2GIG Gun Motion Detector™

2GIG-GNGRD1-345

Read these instructions and warnings for the 2GIG Gun Motion Detector, your firearm and your alarm system before installing or operating the 2GIG Gun Motion Detector. Failure to do so, and/or to follow the instructions and warnings, could result in serious injury, property damage and/or death.

⚠ **WARNING: YOU MUST FOLLOW ALL OF THESE SAFETY RULES TO ENSURE THE SAFE USE OF YOUR FIREARM. THE FAILURE TO FOLLOW THE INSTRUCTIONS AND WARNINGS IN THIS MANUAL COULD CAUSE SERIOUS PERSONAL INJURY OR DEATH TO YOU OR OTHERS AND DAMAGE PROPERTY.**

⚠ **WARNING!** DO NOT USE THIS DETECTOR ON A LOADED GUN.
- **Never install the 2GIG Gun Motion Detector on a loaded firearm. Doing so could cause an accidental discharge causing serious injury, property damage or death.**
- **Store firearms and ammunition separately and securely. Keep firearms and ammunition out of the reach of children.**
- **Never use a broken or damaged 2GIG Gun Motion Detector.**

IMPORTANT! This product will not lock all firearms. It will block access to many guns when properly attached. Some lever action rifles, firearms without trigger guards surrounding the triggers, guns with extra light or extra wide triggers or guns with trigger shoes or extensions may not be able to be effectively locked with this Gun Motion Detector. The 2GIG Gun Motion Detector may be cut or defeated by a determined individual and may not prevent the use of a firearm.

DISCLAIMER AND LIMITATION ON DAMAGES/REMEDIES

Nortek shall not be responsible, in any manner whatsoever for any injuries, damages or death due to the failure or malfunction of the 2GIG Gun Motion Detector, or if applicable, the linked alarm and/or discharge of a firearm. This includes any and all liability in any way related to criminal conduct or the failure of the alarm to detect movement of the 2GIG Gun Motion Detector and the firearm. You, not Nortek or this device, are solely responsible for the accidental or intentional discharge of your firearm.

Under no circumstances will Nortek be responsible for incidental or consequential damages. Depending on the state in which you reside, different remedies may be available to you.

Box Contents

Verify that the package includes the following:

- 1 - Gun Motion Detector
- 1 - CR2032 Battery (Installed)

INSTALLATION INSTRUCTIONS

The 2GIG Gun Motion Detector (2GIG-GNGRD1-345) is designed for use with certain hand guns and rifles. It communicates with the control panel using the 345 MHz frequency. When properly installed, and the gun is moved, signals are transmitted to the control panel. See **Working With Your GoControl Panel**, next page, for expected behavior.

Figure 1: 2GIG Gun Motion Detector
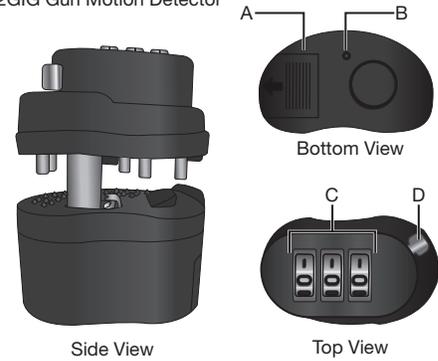
A	Battery Access Cover	**B**	Motion Alert Light (Red)
C	Combination Lock	**D**	Lock Release

Testing the Gun Motion Detector

Make sure the firearm is NOT loaded. After placing the Gun Motion Detector on a compatible firearm, perform a motion test by simply picking it up to verify that it can establish good Radio Frequency (RF) communications with the control panel.

## Gun Motion Detector Operation

Instruction for use:

1. To open lock, set dials to combination numbers (combination is always preset to 0-0-0 by factory).

2. With dials set to combination, move release lever to up position.

3. Pull apart the two sides of the lock.
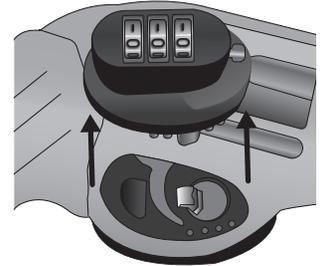
4. To close the lock, move release lever back down to locked position and scramble combination dials. Depending on your gun, insert the front lock unit with ratchet post through the trigger guard, behind trigger if possible. Then insert rear unit.
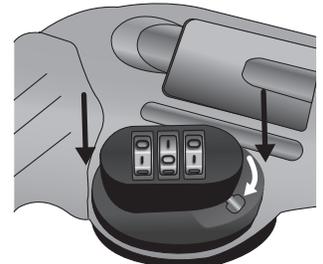
Reset your personal combination:

1. Open the lock by pulling apart the two sides of the lock and completely remove the detector from the gun.

2. Push the lever into the down position.

3 With dials set to the current combination, use a pen point or similar narrow object, press the **Reset Button** on the left side of the lock in toward the center of the lock.

4 Continue to apply pressure to the reset button, and set the dials to your personalized combination.

**5** Release the **Reset Button**, new combination is now set.

Reset Button →
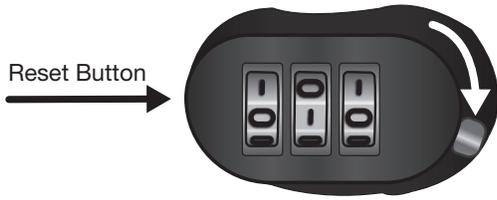
Inserting and Replacing the Batteries

To insert or replace the battery:

1 Remove from your firearm if the Detector is attached.

2 Remove the battery cover.

3 Carefully lift up on the front of the battery and pull straight out.

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.

Bottom View

Bottom View
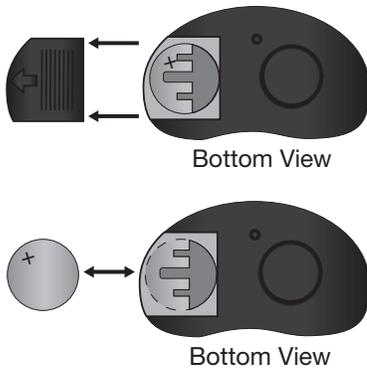
3 Insert the replacement battery. The plus (+) sign of the battery should be facing up and the minus (-) side facing down.

4 Replace the battery cover.

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**, right). 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.

Working With Your GoControl© Panel

This 2GIG Gun Motion Detector is designed to send an alert transmission to your GoControl panel when there is natural movement. This alert can initiate a number of actions based on the programming of the GoControl panel.

Storing The 2GIG Gun Motion Detector

The 2GIG-GNGRD-345 will periodically transmit a status signal to the 2GIG Control Panel. If this device is placed in a safe or locked box the radio transmission may be impeded. Ask your security dealer about adding a repeater to ensure effective communications between the devices.

SPECIFICATIONS

Wireless Signal Range	350 ft (106.7 m), open air, actual range may vary based on the wireless control panel being used.
Code Outputs	Supervisory; Low Battery; Movement
Transmitter Frequency	345.00 MHz (crystal controlled)
Unique ID Codes	Over one (1) million different code combinations
Supervisory Interval	70 minutes +/- 10 minutes
GoControl Sensor Type	Tilt Sensor
Sensor Dimensions	2.7 x 2.3 x 1.4 in (69.5 x 57.3 x 36.4 mm)
Weight (including battery & magnet)	7.4 oz (210 g)
Housing Material	ABS Plastic
Color	Black
Operating Temperature	-4° - 140° F (-20° - 60° C)
Relative Humidity	0-90% Non-Condensing
Battery (included)	One (1) CR 2032 or equivalent Lithium battery
Certification	FCC, IC and California DOJ-approved Firearm Safety Device.

2GIG-GNGRD1-345 Scenarios – When Attached Gun is Moved				
Panel Status	Scenario 1	Scenario 2	Scenario 3	Scenario 4
Armed Away	Alarm	Alarm after entry delay	Alarm	Local Chime Notification
Armed Stay	None	None	Alarm	Local Chime Notification
Disarmed	Local Chime Notification	Local Chime Notification	Local Chime Notification	Local Chime Notification
Professional Installer Notes – Setup Configuration				
Sensor Type	Interior Follower	Interior w/ Delay	Day Zone	No Response
Sensor Equip Type	Motion	Motion	Motion	Motion

Check with your Alarm Monitoring Company on how to set up push notifications to your smartphone.

REGULATORY INFORMATION

This equipment has been tested and found to comply with the limits for 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 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.

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

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.

FCC COMPLIANCE STATEMENT

This device complies with FCC Rules and Regulations as Part 15 devices as well as Industry Canada license exempt RSS Rules and Regulations. Operation is subject to the following two (2) conditions: This device may not cause harmful interference. This device must accept any interference received, including interference that may cause undesired operation.

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. Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

LIMITED WARRANTY

This Nortek Security & Control LLC product is warranted against defects in material and workmanship for two (2) years. This limited warranty extends only to wholesale customers who buy direct from Nortek Security & Control LLC or through Nortek Security & Control normal distribution channels. Nortek Security & Control 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. NSC reserves the right to update, change or replace any part of the terms listed herein by posting updates and/or changes nortekcontrol.com. Please also refer to the NSC website for full limited Warranty terms.

There are no obligations or liabilities on the part of Nortek Security & Control 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 Warranty is in lieu of all other warranties expressed or implied.

Nortek Security & Control LLC
2GIG

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855-2GIG-TECH (855-244-4832)
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Visit www.nortekcontrol.com for technical support hours of operation

For technical support outside of the USA and Canada:
Contact your regional distributor
Visit www.dealer.2gig.com for a list of distributors in your region

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