4-Button Keyfob Remote with Enhanced Security

General Information

The 4-Button Keyfob Remote (2GIG-KEY100-345) is a battery-powered, wireless keyfob designed to fit on a key chain, in a pocket, or in a purse giving users the ability to turn the security system ON and OFF before entering the home or after exiting.

It can also be used in an emergency to turn on the siren and automatically call the central monitoring station, and it can be programmed to operate the programmable output in the Control Panel.

The four buttons provide a convenient option for the following system operations:

- Arm the system (doors, windows, and motion sensors)
- Arm the system with no entry delay (if programmed)
- Disarm the system
- Trigger panic alarms
- Turn system-controlled lights on or off (via the open collector output)
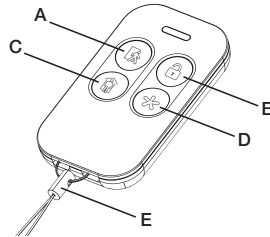- Other open collector output functions (if applicable)

Contents

Verify that the package includes the following:

- 1—4-Button Keyfob Remote
- 1—Key Ring
- 1—Lithium CR 2025 Battery (included)

Figure 1 4-Button Keyfob Remote

A	Armed Away button
B	Disarm button
C	Stay button
D	Auxiliary button
E	Key Ring

Encrypted/Unencrypted Mode Switch

The sensor is capable of transmitting signals in encrypted mode or unencrypted mode. The mode is set through a button press sequence.

The sensor comes with the default set to encrypted enabled. To change to unencrypted mode, do the following:

1. Open the keyfob housing, remove the coin cell battery from the PCB board to force a power cycle, then reassemble the keyfob housing.

   Encryption mode change is allowed the first five minutes after power-up.

2. To change to **non-encrypted mode**, simultaneously press **Arm Away** and **Auxiliary** buttons for five seconds. The device LED flashes four times to acknowledge the device is switched to non-encrypted mode.

3. To change to **encrypted mode**, simultaneously press the **Auxiliary** and **Disarm** buttons for five seconds. The device LED flashes two times to acknowledge the device is switched to encrypted mode.

4. To exit the switch mode at any time before the 5-minute duration expires, double-press the **Disarm** button within two seconds, or the mode exits automatically after five minutes. Upon exiting the mode, the device flashes the LED two times if in encrypted mode, and four times if in non-encrypted mode.

Programming

Use the following guidelines to add keyfobs to the system. For detailed instructions, refer to "**Wireless (RF) Keyfob Programming**" in the Control Panel's **Installation & Programming Guide**:

- Program (learn) the keyfobs into the control panel as non-supervised sensors.
- Each learned keyfob uses one of the available sensor numbers.

1. Press and release the **Learn** button. The learn indicator will light if there's room in memory.

2. Activate the ***** (Auxiliary) button on the keyfob while the indicator is lit (within 15 seconds). The receiver indicator flashes.

3. Repeat steps 1-2 for additional keyfobs.

Testing

Refer to the Control Panel's *Installation & Programming Guide* to learn how to initiate panel test mode.

Test the keyfob by pressing each one of the keyfob buttons:

- **Disarm button.** Hold for two (2) seconds to disarm the Control Panel. Doors, windows, and motion sensors are disarmed.
- **Away button.** Hold for two (2) seconds to arm the Control Panel in Away mode. Doors, windows, and motion sensors are armed.
- **Stay button.** Hold for two (2) seconds to arm the Control Panel in Stay mode. Doors and windows are armed.
- **Auxiliary button.** If programmed, can trigger a preselected output. See the Control Panel's *Installation & Programming Guide* for details.
- **Away & Disarm buttons.** If programmed, pressing BOTH the Away and Disarm buttons at the same time for five (5) seconds will send one of four types of emergency signals: (1) silent panic; (2) audible alarm; (3) auxiliary alarm; or (4) fire.

NOTE: It is recommended that a system test be performed per the Control Panel's *Installation & Programming Guide* at least once a year.

Inserting and Replacing the Battery

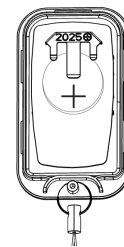The keyfob arrives ready to use (batteries already installed).

To replace the battery:

1. Remove the screw from the back of the keyfob.

2. Separate the keyfob's faceplate from its backplate.

3. Slide the existing battery out from under the metal battery clip on the printed circuit board.

IMPORTANT: Always recycle or dispose of used batteries per local hazardous waste regulations. Additional handling, recycling, and disposal requirements may apply based on your city, state, or country.

4. Insert the replacement battery into the metal battery clip on the printed circuit board. The plus (+) sign on the battery should be facing up and the minus (–) side facing down, as illustrated below.

Figure 2 4-Button Keyfob Remote—Battery Compartment

5. Replace the printed circuit board into the faceplate of the keyfob.

6. Replace the key ring in the space provided bottom of the fob, then snap the keyfob faceplate and backplate closed.

7. Secure the screw into the back of the keyfob.

8. Replace the battery yearly.

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**). 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.

California Only: This perchlorate warning applies only to Manganese Dioxide Lithium cells sold or distributed ONLY in California, USA. Perchlorate Material-special handling may apply. See **www.dtsc.ca.gov/hazardouswaste/perchlorate**

Specifications

Wireless Signal Range	350 ft (106.7 m), open air, with Wireless Control Panel
Code Outputs	Arm; Disarm; Panic; Relay Control
Transmitter Frequency	345.00 MHz (crystal controlled)
Unique ID Codes	Over one (1) million different code combinations
Dimensions (L x W x H)	1.23 x2.26 x 0.45 in. (3.12 x 5.74 x 1.14 cm) typical
Weight (including battery)	0.65 oz. (18.4 g)
Housing Material	ABS Plastic
Color	Black
Operating Temperature	32°-120° F (0°-49° C)
Relative Humidity	5-90% Non-Condensing
Battery (installed)	One (1) CR2025 3V or equivalent Lithium coin battery
Certification	ETL, FCC, IC
Equipment Code	2866 (encrypted), 0866 (unencrypted)

Regulatory Information

FCC and IC 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.

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.

The device has been evaluated to meet general RF exposure requirement, The device can be used in portable exposure condition without restriction. Federal Communication Commission (FCC) Radiation Exposure Statement Power is so low that no RF exposure calculation is needed.

IC: Radiation Exposure Statement

The product complies with the Canada portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

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

Renseignements réglementaires

Nous, Nice North America LLC du 5919 Sea Otter Place STE 100, Carlsbad, CA 92010, déclarons sous notre entière responsabilité que le dispositif 2GIG-KEY100-345 est conforme à la Partie 15 des règles de la FCC.

Avis concernant la FCC et IC

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.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada. Cet équipement génère, utilise et peut émettre une énergie de fréquence radio et, s'il n'est pas installé et utilisé conformément aux instructions, peut causer des interférences nuisibles aux communications radio. Il n'existe toutefois aucune garantie que de telles interférences ne se produiront pas dans une installation particulière. Si cet équipement cause des interférences nuisibles à la réception des signaux de la radio ou de la télévision, ce qui peut être mis en évidence par sa mise sous tension et hors tension, l'utilisateur est invité à essayer de corriger le problème en prenant une ou plusieurs des mesures suivantes :

- Réorientez ou déplacez l'antenne de réception.
- Augmentez la distance entre l'équipement et le récepteur.
- Branchez l'appareil à une prise sur un circuit différent de celui auquel le récepteur est branché.
- Consultez le revendeur ou un technicien radio/TV expérimenté pour obtenir de l'aide.

IC: Déclaration d'exposition aux radiations : Le produit est conforme aux limites d'exposition pour les appareils portables RF pour les Etats-Unis et le Canada établies pour un environnement non contrôlé.

Le produit est sûr pour un fonctionnement tel que décrit dans ce manuel. La réduction aux expositions RF peut être augmentée si l'appareil peut être conservé aussi loin que possible du corps de l'utilisateur ou que le dispositif est réglé sur la puissance de sortie la plus faible si une telle fonction est disponible.

Limited Warranty

This Nice North America 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.

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