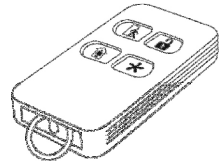


4-BUTTON KEY RING REMOTE

INSTALL INSTRUCTIONS

The 2GIG-KEY2-345 is a 4-button key ring remote. The key fob enables you to turn the 2GIG system on and off before entering the home or after exiting. If there is an emergency, you can turn on the siren and automatically call the central monitoring station. If lamp modules have been installed, you can use the key fob to turn all system-controlled lights on or off via the open collector output. Use with the 2GIG-GDR1-345 to open a garage door. The key fob is a lithium coin battery-powered, wireless key fob designed to fit on a keychain, in a pocket, or in a purse. It provides 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)
- Use with the 2GIG-GDR1-345 to open a garage door (see the *2GIG-GDR1-345 Install Instructions*)



Box Contents

- Key fob
- Key ring
- Lithium battery (included)

Programming

The following steps are for programming (learning) the sensor(2GIG-KEY2-345) into the 2GIG Control Panel. Scroll between options using the ← and → arrows. Move to the previous or next prompt by pressing the ↑ and ↓ arrows.




- 1 Go to Q3: Select fob # (1 to 8).
- 2 Fob used (0 to 1) or Fob enabled (0 to 1).
(0) unused
(1) used
(0) disabled
(1) enabled
- 3 Select RF sensor equipment code. Enter **0866** for the 2GIG-KEY2-345 4-button Key Ring Remote.
- 4 Enter RF sensor serial number (7 digits).
Manual Entry: Type in the last 7 digits of the TX ID that is found outside of the box or on the back of the device.
Auto Entry: With the panel in Learn-in mode (press **Shift** then **Learn**). The correct TX ID should appear. Accept the correct TX ID by pressing **OK**.
Remember to press the ↓ arrow to continue going through the 2GIG system configuration prompts.
- 5 Select RF sensor equipment age (0 to 1).
(0) new (product is new)
(1) existing (product already exists)
- 6 Select fob emergency key (0 to 4).
(0) disabled
(1) auxiliary alarm
(2) audible alarm
(3) silent panic
(4) fire
- 7 Select fob key 2 can disarm (0 to 1).
(0) disabled
(1) enabled
- 8 Construct RF sensor voice descriptor. Press **Insert** then press any number between 002 and 255 to add a word. For example, if you wanted to name this Key Ring Remote as "main key remote," press **Insert** then press **138** for **MAIN**. Press **Insert** then press **121** for **KEY**. Press **Insert** then press **183** for **Remote**.
- 9 Select fob arm no delay (0 to 1).
(0) disabled
(1) enabled
- 10 Select fob key 4 output (0 to 2).
(0) disabled
(1) toggle output
(2) momentary output
- 11 To program another sensor click **next**.
- 12 To exit programming, click **skip** then **end** and **exit**. Upon exit, the panel takes a several seconds to reboot.

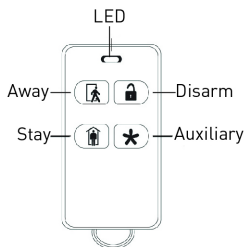
TIP: Each key fob that is learned in uses one of the available fob sensor numbers as programmed in step 1.

Programming Key Fobs into the 2GIG-GDR1-345

- 1 Press and release the learn button (the learn indicator will light if there is room in memory).
- 2 Activate the ★ (Auxiliary) button on the key fob while the indicator is lit (within 15 seconds). The Receiver (2GIG-GDR1-345) indicator flashes. (repeat steps for additional key fobs (up to 10).

Testing

- 1 From the **Installer Toolbox**, select **walk test**.
- 2 To test the **disarm** button, hold the  button down for 2 seconds. This disarms the Control Panel as well as the doors, windows, and motion detectors.
- 3 To test the **away** button, hold the  button down for 2 seconds. This arms the Control Panel as well as the doors and windows (in Away mode).
- 4 To test the **stay** button, hold the  button down for 2 seconds. This arms the Control Panel as well as the doors and windows (in Stay mode).
- 5 To test the **★ Auxiliary** button (if previously programmed, this button can trigger a pre-selected output).
- 6 To test the **Away** and **Disarm** buttons (if the emergency key was programmed in step 6 above), pressing both the **Away** and **Disarm** buttons *at the same time* for 5 seconds sends one of four types of emergency signals:
 - (1) silent panic
 - (2) audible alarm
 - (3) silent panic
 - (4) fire
- 7 Exit the **Installer Toolbox**.



Inserting and Replacing Batteries

WARNING: The polarity of the battery must be observed, as shown. Improper handling of lithium batteries may result in heat generation, explosion or fire, resulting in personal injuries. Replace only with the same or equivalent type of battery as recommended by the manufacturer (see Specifications). Batteries must not be recharged, disassembled or disposed of in fire. Disposal of used batteries must be made in accordance with the waste recovery and recycling regulations in your area. Keep Away From Small Children. If batteries are swallowed, promptly seek medical attention.



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

Specifications

Wireless Signal Range	350 ft, open air, with 2GIG Wireless Control Panel
Code Outputs	Arm; Disarm; Panic; Relay Control
Transmitter Frequency	345.000 MHz (crystal controlled)
Transmitter Frequency Tolerance	±15kHz
Transmitter Bandwidth	24kHz
Modulation Type	Amplitude Shift Keying—On/Off Keying (ASK-OOK)
Unique ID Codes	Over one million different code combinations
Supervisory Interval	70 minutes
Peak Field Strength	Typical 40,000 uV/m at 3m
Dimensions (LxWxH)	1.23 x 2.26 x 0.45 in. (3.12 x 5.74 x 1.14 cm) typical
Weight (Including battery and magnet)	0.65 oz. (18.4 g)
Housing Material	ABS plastic
Color	White
Operating Temperature Limits	32° to 120° F (0° to 49° C)
Relative Humidity	5-95% Non-Condensing
Battery (Installed with pull tab)	One Panasonic CR2025, or equivalent Lithium batteries
Included Accessories	Key ring

FCC and Industry Canada Regulatory information

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.

LIMITED WARRANTY

This 2GIG Technologies product is warranted against defects in material and workmanship for 2 years. This warranty extends only to wholesale customers who buy direct from 2GIG Technologies or through 2GIG Technologies' normal distribution channels. 2GIG Technologies 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 2GIG Technologies 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 2GIG Technologies Warranty is in lieu of all other warranties expressed or implied.

For technical support in the USA and Canada:

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

For technical support outside of the USA and Canada:

Contact your regional distributor

Visit dealer.2gig.com for a list of distributors in your region.

PN: 187-1084 Rev C

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