2GIG® GC3 Security & Automation System
2GIG-ZWM-500 Z-Wave Module Installation Instructions
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Installing the 2GIG Z-Wave Module

The 2GIG Z-Wave Module (2GIG-ZWM-500) provides the GC3 Security & Automation System with the ability to communicate with up to 232 smart home devices using the Z-Wave wireless communication protocol.

Box Contents

Verify that the package includes the following:

» 1—2GIG Z-Wave Module (2GIG-ZWM-500)

Figure 1 *2GIG Z-Wave Module*

Install the Z-Wave Module

To install the 2GIG Z-Wave Module into a Control Panel, do the following:

1. If the Cellular Radio Module bay is locked, remove the faceplate and then move the door-lock screw to the UNLOCK position. See "(Optional) Lock/Unlock the Cellular Radio Module Door" on the next page. Otherwise, continue with step 2.

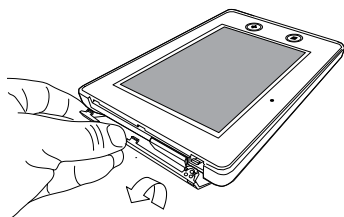2. Remove the hinged door from the GC3 Control Panel.

Figure 2 *Cellular Radio Module—Hinged Door*

3. If a Cellular Radio Module is present in the system, pull the tab to remove remove it. Otherwise, skip this step and continue with step 4.

4. Remove the backplate's screw lock from the bottom of the GC3 Panel. This unlocks the panel's backplate from the rest of the chassis..
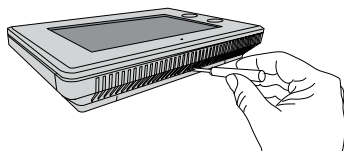

Figure 3 *GC3 Panel Backplate—Locking Screw*

5. Separate the backplate from the GC3 Panel.

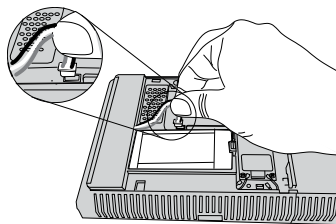6. Disconnect the wired backup battery pin from the PCB battery connector.

Figure 4 *GC3 Panel—Backup Battery Connector*

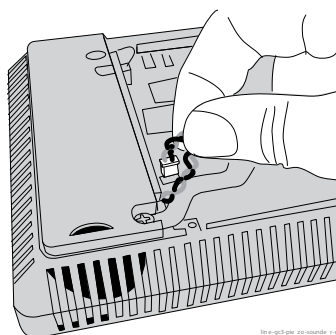7. Disconnect the Piezo Sounder connector.

Figure 5 *GC3 Panel—Piezo Sounder Connector*
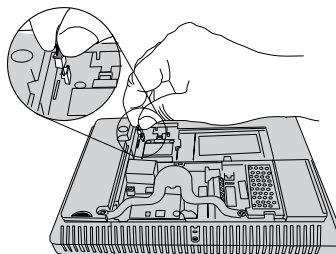
8. Disconnect the internal siren/speaker connector.

Figure 6 *GC3 Panel—Internal Siren/Speaker Connector*

9. Remove the two screws that secure the rear plate to the chassis and remove the plate.
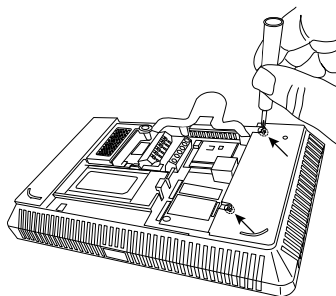

Figure 7 *GC3 Panel—Rear Plate*

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10. Insert the 2GIG Z-Wave module into the STM-5 connector on the PCB and secure with the Phillips head screw.
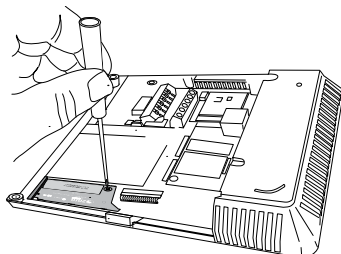

Figure 8 *GC3 Panel—Install the Z-Wave Module*

11. Replace the rear plate and secure it with two Phillips head screws.

12. Connect the internal siren/speaker connector, the Piezo Sounder connector, and the backup battery connector to their respective PCB connectors.

13. Install the backplate to the chassis and secure with the screw lock on the bottom of the Control Panel.

14. Install the Cellular Radio Module, if one was present.

15. Install the hinged door.

(Optional) Lock/Unlock the Cellular Radio Module Door

The Cellular Radio Module fits into the bay on the side of the GC3 Panel and features a built-in door lock under the faceplate. The Control Panel ships with the door-lock screw in the UNLOCK position. To limit the possibility of someone removing the door, installers have the option of moving the screw to the LOCK position.
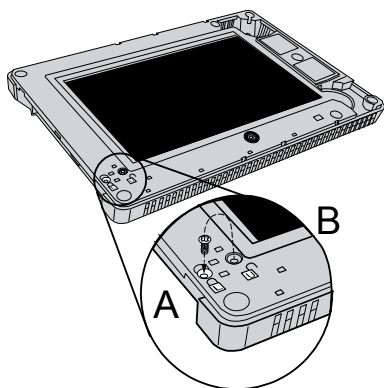

Figure 9 *GC3 Cellular Radio Module Door Lock*

To lock and unlock the Cellular Radio Module door:

1. Use your fingertips or carefully insert a screwdriver at the edge of the faceplate. Then gently pry the faceplate from the chassis.
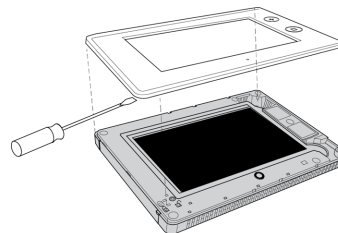

Figure 10 *GC3 Panel—Removeable Faceplate*

2. Remove the door-lock screw from the UNLOCK position on the right.
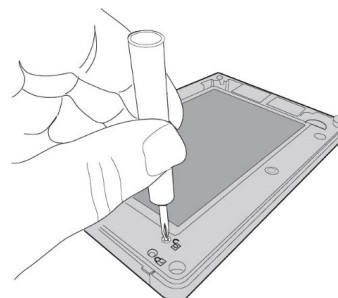

Figure 11 *GC3 Panel—UNLOCK position*

3. Install the screw into the LOCK position on the left. This locks the hinged door on the GC3 Control Panel.
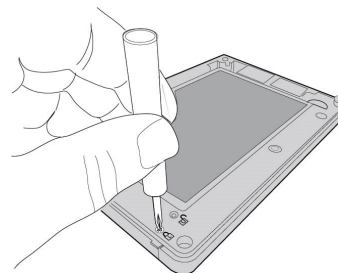

Figure 12 *GC3 Panel—LOCK position*

4. Snap the faceplate back on the GC3 Control Panel.

FCC Part 15: Class B Digital Device Statement for the 2GIG-ZWM-500

If the module's label is not visible when installed, then an additional permanent label referring to the enclosed module: "Contains Transmitter Module FCC ID: WDQ-ZWM500" must be placed on the rear panel in a visible location.

FCC ID: WDQ-ZWM500
IC ID: 7794A-ZWM500

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and

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

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate

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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 (1) 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.

NOTE: Any changes or modifications made to this device that are not approved by 2GIG may void the authority granted to the user by the FCC to operate this equipment.

Industry Canada (IC) Compliance Notice

This device complies with Industry Canada license-exempt Radio Standard Specifications (RSS). Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and

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

According to regulations of Industry Canada, this radio transmitter can operate with an antenna of a type and a maximum gain (or lower) approved for the transmitter by Industry Canada. In order to reduce the risk of radio interference for other users, choose the type of antenna and its gain so that the Effective Isotropic Radiated Power (EIRP) is not more than the necessary intensity to establishment of successful communication.

NOTE: Unauthorized modifications made to this device that are not approved by 2GIG may void the authority granted to the user by the Industry Canada label to operate this equipment.

Avis de Conformité d'Industrie Canada (IC)

Le présent appareil est conforme aux les Cahiers des charges sur les Normes Radioélectriques (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.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la Puissance Isotrope Rayonnée Équivalente (P.I.R.E.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

NOTE: Les modifications non autorisées apportées à cet appareil qui ne sont pas approuvés par Nortek Security & Control LLC peut

annuler le pouvoir d'accorder à l'utilisateur par l'étiquette d'Industrie Canada à utiliser ce équipement.

Limited Warranty

This product is warranted against defects in material and workmanship for one (1) year. This warranty extends only to wholesale customers who buy directly from Nortek Security & Control LLC or through Nortek Security & Control'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 re-installation. 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.

All products returned for warranty service require a Return Authorization Number (RA#). Contact Returns at 1-855-546-3351 for an RA# and other important details.