System Features and Capabilities

If you're familiar with other 2GIG Control Panels, you'll notice the new GC3 Panel from Nortek Security & Control offers the very best components of the GC2 Panel and has been transformed by a major visual upgrade— offering a larger touchscreen and an intuitive user interface featuring convenient, gesture-based navigation.

Figure 1 *GC3 Control Panel—Front View*

Features

The system includes:

» **Touchscreen Display:** A large, full-color, 7-in (17.8 cm) diagonal touchscreen with an intuitive, gesture-based user interface.

» **Piezo Sounder and Internal Speaker:** An 85 dB Piezo Sounder sounds external alarms. An internal speaker to delivers voice annunciations, chimes, other system notifications.

> **CAUTION!** Long or repeated exposure to sounds at or above 85 dB can lead to Noise-Induced Hearing Loss (NIHL).

» **Alarm Button/LED Indicator:** Tap this button to show Panic, Fire, and Emergency buttons. For more information, see the *GC3 Security & Automation System Fingertip Guide*.

» **Home Button/LED Indicator:** A button to wake the touchscreen and give users the ability to return to the touchscreen's Home screen. For more information, see the *GC3 Security & Automation System Fingertip Guide*.

» **Removable Faceplate:** A removable faceplate concealing a door lock for the Cellular Radio Module bay.

» **Microphone and Speaker:** A built-in microphone and speaker provide clear 2-Way Voice communication during alarm events between users at the GC3 Panel and operators at the Central Station.

» **Cellular Radio Module with Internal Antenna:** A snap-in Cellular Radio Module with an internal antenna that fits neatly in the side panel.

» **24-Hour Backup Battery:** A 24-hour backup battery to support the GC3 Panel during temporary AC power failures and outages.

» **USB Port:** A convenient USB port at the top of the GC3 Panel that can be used with a USB thumb drive (not supplied) to update the system's firmware. See "Update the GC3 Panel Firmware" on page 33.

Capabilities

The system includes these capabilities:

» **Security Codes:** The system supports a maximum of 100 unique, programmable, security codes for accessing system functions. You are provided with one (1) Master User Code, one (1) Duress Code, and one (1) Installer Code (reserved for use by 2GIG alarm dealers and installers), and the ability to create 98 additional user codes for accessing the system.

» **Z-Wave® and Z-Wave Plus™ Compatibility:** Installers (and end users, if configured on the system) can add up to 232 smart home devices to communicate with the GC3 Panel using the Z-Wave and Z-Wave Plus wireless communication protocol. The GC3 Panel can be included and operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers and/or other applications. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network. This device is a security enabled Z-Wave Plus product that is able to use encrypted Z-Wave Plus messages to communicate to other security enabled Z-Wave Plus products.

» **2-Way Voice:** (Optional) Operators at the Central Station can communicate directly with end users through the GC3 Panel . Operators can also silently listen-in after receiving a user duress report.

» **Date, Time, and Weather Forecasts[1]:** Users can view the current date, time, and weather forecast in an easy-to-read format.

» **System Vocabulary/Voice Descriptors:** A list of vocabulary words integrates with the on-screen user interface and audio announcements. This lets installers customize the sensor names that display on the GC3 Panel , as well as for the audible system announcements. For example, when someone opens the front door, the system can be set up to announce "front door."

[1]Date, Time and Weather Forecasts are supported by most Remote Service Providers in most regions. Consult your provider to determine if this feature is enabled.