GO!control

Wireless Security System

2GIG-CP2

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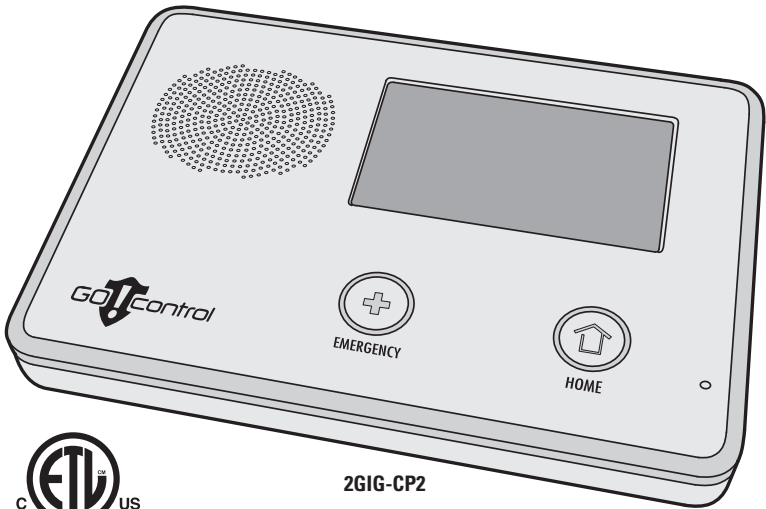
User's Guide

WARNING: Owner's Instruction Notice
Not to be removed by anyone except occupant

2GIG
TECHNOLOGIES

The Go!Control Security System

Congratulations on your ownership of a Go!Control Security System! This wireless system offers protection for your property against burglary, protection for yourself and family with 24-hour emergency monitoring, and optionally fire detection for your home.

The heart of the system is the Control Panel. It receives the wireless radio signals from remote system "sensors" that monitor doors, windows, motion detectors, smoke detectors, carbon monoxide detectors, and panic buttons. The Control Panel processes these signals and controls the alarm siren. The system can communicate to an alarm monitoring "Central Station" over the regular telephone network and optionally over the cellular telephone network to report violations, alarms, and system status.

The Control Panel is operated using its color touch screen display that shows easy-to-identity buttons and icons. The system can be armed or disarmed directly at the Control Panel, or by using optional key fob remote controls, remotely over the telephone, or over the Internet with Web access (if enabled by your installer). The Control Panel displays helpful information regarding the system and sensor status, system and alarm history, and trouble alerts.

Being fully "supervised", the Go!Control Security System continuously monitors itself and its sensors. If an issue occurs, such as a low sensor battery, the trouble alert will be displayed and logged by the Control Panel and optionally reported to the Central Monitoring Station. This way, the trouble can be addressed and corrected promptly, maintaining the integrity of the system.

With the system's built-in Z-Wave home automation capability, you can control your Z-Wave enabled household appliances and door locks from the Control Panel or remotely from a PC and the Internet from anywhere in the world... even through your cell phone! (This is an optional feature, check with your security professional for availability with your system.)

Many insurance companies offer discounts on homeowners and renters policies when a security system is installed. Discount credits vary with different companies and generally increase in savings with an increase in the level of protection. Ask your insurance agent about savings available to you.

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1

System Overview

General Information

This system provides three forms of protection: burglary, fire, and emergency, depending on the options set by the installer. The system consists of the Control Panel with a color touch screen, wireless sensors that provide perimeter and interior burglary protection, and wireless smoke and carbon monoxide detectors. In addition, optional remote control key fobs, wireless panic pendants, and wireless keypads may have been provided or installed.

The system monitors all protection "zones" and the system's status. It will display monitoring information and control the alarm siren. Your system may also have been setup to send alarm and status reports to a Central Monitoring Station and has the capability for 2-way voice communications with the alarm monitoring operator.

Features

Following is a list of standard features and options that can be included in your system. Ask your installer which options are available to you and check the boxes that apply.

- ✓ STAY and AWAY arming modes. Stay Mode arms the system perimeter only and is used typically at night when the premises are occupied. Away Mode arms the system perimeter *and* interior; it's used when the premises are unoccupied.

- ✓ Eight user-unique 4-digit codes to operate the system. The system supports one "Master User Code" that can assign and maintain the other seven User Codes.

- ✓ One of the eight User Codes functions as a Duress User Code. Controlling the system with this code gives the appearance of normal operation, but using it secretly sends a "duress" report to the Central Monitoring Station to initiate a silent alarm call for help.

- ✓ Voice announcements from the Control Panel. The system has a large vocabulary of descriptive words that can be assigned to sensors so each will have a unique announcement such as "front door" or "baby's room window" if desired.

- ✓ Home automation with the built-in Z-Wave controller for remote controlling Z-Wave enabled home appliances (optional feature).

- ✓ Alarm history with system event log. Each alarm and system alert is logged into the system's memory. These events can be displayed and reviewed at the Control Panel or remotely by the Central Monitoring Station.

- ✓ Real time clock and calendar shows on the system's display and is used to time stamp items in the event log.

- ❑ 2-way voice communication. After an alarm, the system can automatically connect with a Central Station operator so they can converse with people in the premises.

- ❑ Remote control of the system over the telephone.

- ❑ Remote control of the system using a Web-enabled device through the Internet (requires GSM cellular radio option).

- ❑ Three optional 24-hour emergency functions: PANIC, FIRE, and EMERGENCY. These functions can be activated by buttons on the Control Panel, using wireless sensors, from the wireless keypad, or from portable pendant devices.

General Operation

Following are general operational concepts that your system supports. Understanding these concepts will help you to use your security system to it fullest extent.

Sensor Types

The system's wireless sensors have been assigned to selected "types" (sometimes called "zones" in the alarm industry). The sensor type determines how and when the system will react to a signal from the sensor. Some sensors are armed 24 hours a day, other sensors are only armed when the system is armed.

Fire Protection

If fire protection wireless smoke detectors have been installed in your system, they are armed 24 hours-a-day. They will sound an alarm when smoke is detected and can report the fire alarm to the Central Monitoring Station. Refer to the Fire Alarm System section of this manual for important emergency planning and evacuation information.

Burglary Protection

Burglary protection is provided by perimeter and interior sensors. When the system is armed in the Away Mode, both perimeter and interior sensors are armed and can trigger an alarm. When the system is armed in the Stay Mode, only the perimeter sensors are armed and can trigger an alarm.

Both arming modes offer an "Exit Delay" that allows time to leave the premises without triggering the alarm. Upon re-entry, the system offers an "Entry Delay" through certain points of protection that allows you time to disarm the system before an alarm is triggered.

Sensors can be set to sound a chime and/or a voice announcement when they are triggered. So you can monitor your doors and windows while the system is disarmed.

User Codes

The system installer has pre-programmed a Master User Code for your system. This code can be used to control the system as well as assign and change the other seven User Codes. The Master User Code can also access several system setup settings in the User Toolbox.

Alarms

When an alarm occurs, the Control Panel's siren and an external siren (if installed) will sound for a preset time. During alarms and after disarming, the alarm history button will display all the alarms that have occurred, and which sensors were involved. The alarm history clears the next time the system is armed or can be cleared manually.

Messages

Your security system supports receiving messages from the Central Monitoring Station. The messages can be about system upgrades, additional services, special regional weather alerts, etc.

Trouble Alerts

The system monitors itself for abnormal operating conditions and will alert you if trouble is detected. Trouble conditions can be reported to the Central Monitoring Station.

Control Panel Features

**ALARM SOUNDER
AND SPEAKER**

Sounds all system local alarms,
voice prompts, system sounds, and
audio for 2-way voice communications
with the Central Station

**COLOR DISPLAY
WITH TOUCH SCREEN**

Shows all system information, status,
programming, and functions as the keypad
Display cycles clock, calendar, and weather
(press to manually change)

MICROPHONE

For voice communication
with the Central Station

GO Control
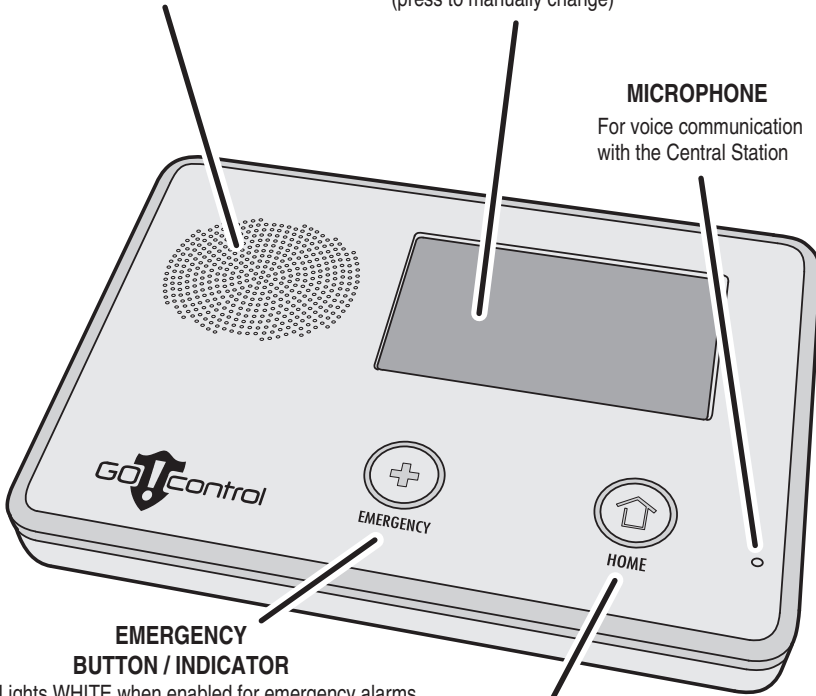
EMERGENCY

HOME

**EMERGENCY
BUTTON / INDICATOR**

Lights WHITE when enabled for emergency alarms
Blinks WHITE during emergency alarm

**HOME
BUTTON / INDICATOR**

2GIG-CP2

Sensor Status ➡	Lights GREEN when ALL sensors are closed (ready to arm) Not lit when ANY sensor is open (not ready to arm)
Arming Status ➡	Lights RED while system is armed Blinks RED during the Entry Delay
Alarm Memory ➡	Blinks RED during an alarm Blinks RED after an alarm while system is still armed
Power Outage ➡	**Indicator flashes during power outages** (system on battery backup) Flashes GREEN when ALL sensors are closed (ready to arm) Flashes ORANGE when ANY sensor is open (not ready to arm) Flashes RED while system is armed

Your security system has wireless sensors. Some sensors will be visible, other sensors are hidden inside the door jambs. Depending on your installation, there may be other types of sensors shown below. Be sure your installer shows you all the sensors installed in your system.
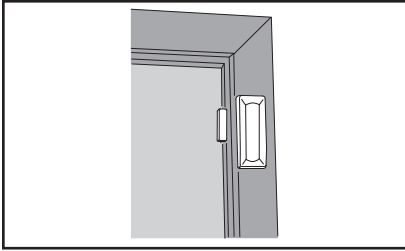
Door / Window Sensor
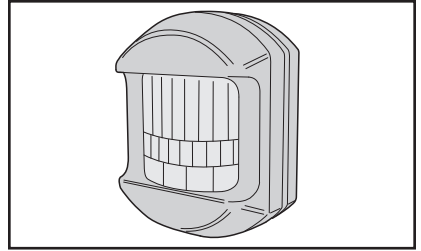
Motion Sensor
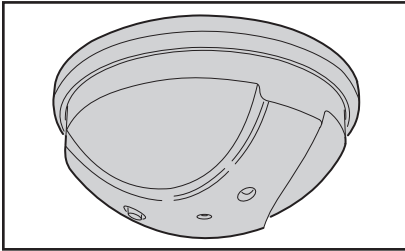
Glass Break Sensor

Smoke Detector

Panic Button Remote

Key Fob Remote

Wireless Keypad

Wireless Touch Screen Keypad

Main Display Screens

The Control Panel is programmed and operated using the color touch-screen display. The display will show various buttons, indicators, and text to guide and inform you.

The top bar on the display shows the current system mode, scrolling text of any pending alerts, and system status icons for AC power, telephone line, and backup battery.

Home Screen

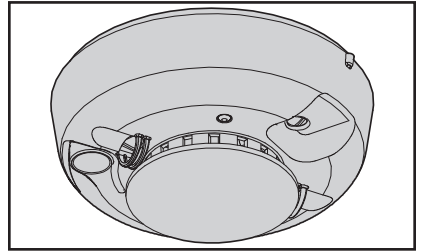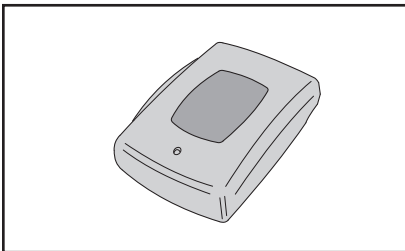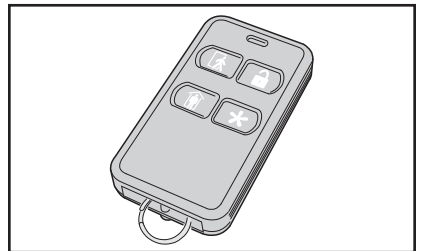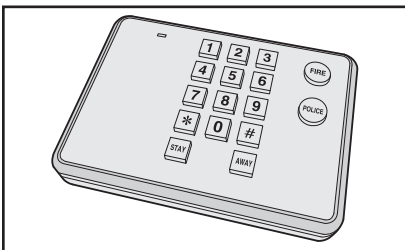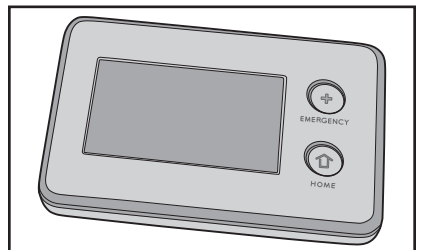The Home Screen is the top level screen. It shows the system status with icons to indicate system conditions. It also displays the time and date. The Home Screen has **SECURITY**, **SERVICES**, Silent Control and Display Off buttons. (Note: Services is a system option for controlling Z-Wave devices, if not active, the button will not be displayed. Refer to the Z-Wave manual for details.) Pressing the 🏠 button on the Control Panel will display the Home Screen.

Security Screen

The Security Screen shows the system status and offers three buttons for **ARM**, **MENU**, and **STATUS**. It also displays the time and date. If messages, alarm, or trouble alerts are pending, the Security Screen will display buttons indicating the number of pending messages.
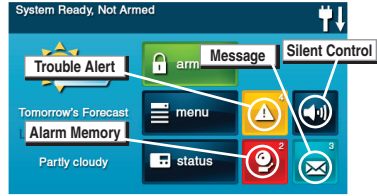
Arming Screen

The Arming Screen is used to arm the security portion of the system. It displays the system status and arming buttons for **STAY** and **AWAY**. An option check box for **ENTRY DELAY** and a Silent Control button are displayed.
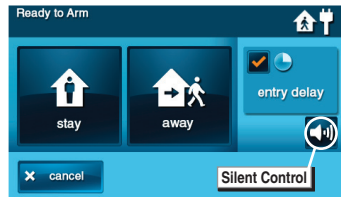
Menu Screen

The Menu Screen shows the system status and offers buttons for **ARM** and **TOOLBOX**. If the emergency option is set, an **EMERGENCY** button is displayed. Two option check box buttons for **CHIME** and **VOICE** are displayed.

Status Screen

The Status Screen lists system status and any alerts. The date and time of any alerts are listed in the displayed log. One option button for **SILENCE** is displayed; it stops the voice announcement of the system status.

The Home Screen

The Security Screen

The Arming Screen

The Menu Screen
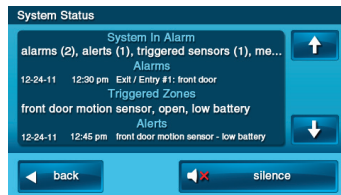
The Status Screen

Operating the System

When your system was setup by your installer, wireless sensors were placed to monitor specific doors and windows. The installer selected these doors and windows as likely places where an unlawful intrusion might occur and could be detected. Each sensor was programmed to have the system react in a specific way.

Some sensor types such as smoke detectors, carbon monoxide detectors, panic buttons, etc. are always active and can trigger an alarm at any time. Other sensors on protected doors and windows are part of the burglary protection part of the system, and can be turned on or off. Turning on the burglary protection part of the security system is called *"Arming the System"*. The burglary protection part of the system can be armed in two modes: Stay Mode or Away Mode.

Refer to the floor plan below. It shows a typical residential installation and the various types of wireless sensors and their function.

FRONT AND SIDE DOOR SENSORS HAVE EXIT/ENTRY DELAY
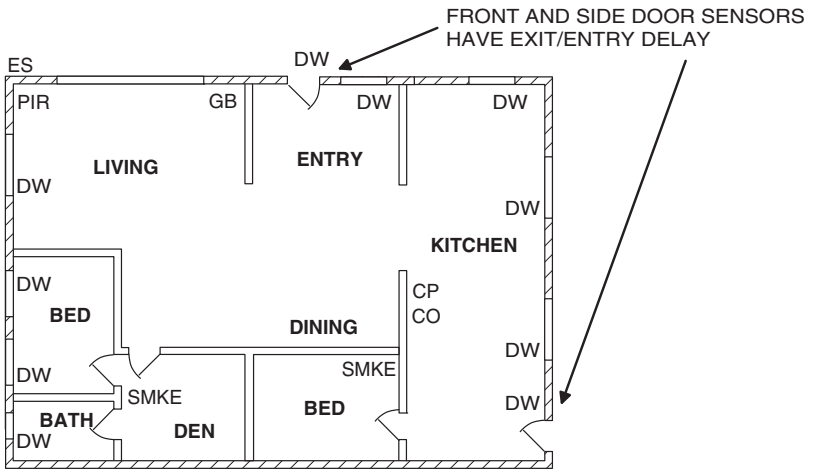
CP - CONTROL PANEL
DW - DOOR/WINDOW SENSOR
PIR - MOTION DETECTOR
SMKE - SMOKE DETECTOR
CO - CARBON MONOXIDE DETECTOR
GB - GLASS BREAK SENSOR
PAD - WIRELESS KEYPAD
ES - EXTERNAL SIREN

SIDE AND MAIN GARAGE DOOR SENSORS HAVE EXIT/ENTRY DELAY
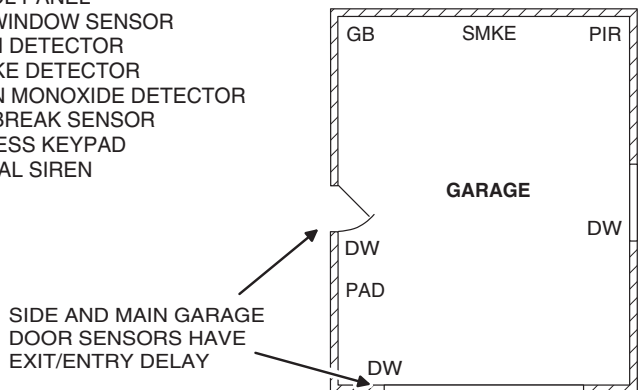
Example Security System Floor Plan

Burglary Protection

Sensor Status

The security system constantly monitors all of the sensors attached to the protected doors and windows in your home or business. The Control Panel knows if each protected door or window is open or closed. The open or closed condition of the protected doors and windows is called the *"sensor status"*.

For maximum security, all the doors and windows on the premises should be closed when leaving the building. In some cases, such as when using the security system for protection when staying at home, it may be desirable to leave some protected doors or windows open. The system uses *"bypasses"* to resolve the open door or window conditions. Before the system can be armed, all protected doors and windows must be closed or bypassed. Bypasses and their two types are explained in detail on the next page.

Checking that All Sensors are Closed

In most cases, you will be arming the security system with all of the sensor-protected doors and windows closed. The Control Panel provides several easy ways to verify that all the sensor-protected doors and windows are closed before arming the system.

- The 🏠 button will light green when all perimeter sensors are closed. The 🏠 button will not be lit if *ANY* perimeter sensor is open. Open interior sensors do not change this indication.

- The **SECURITY** button on the display's Home Screen will light green when all perimeter sensors are closed. The **SECURITY** button will be lit orange if *ANY* perimeter sensor is open. Open interior sensors do not change this indication.

- The **ARM** button on the display's Security Screen and Menu Screen will light green when all perimeter sensors are closed. If any interior sensors are open (or when any motion detector is triggered), a house icon is displayed on the status bar. The **ARM** button will be lit orange if *ANY* perimeter sensor is open.

Viewing Each Sensor's Status

The Control Panel will also show you which sensor-protected doors and windows are open. Your installer has programmed descriptive names for each sensor-protected door and window. The Control Panel's color display will show the names of which door and windows are open.

- The top area of the display on the Home, Security, and Menu Screens will list any sensors that are currently open.

- Pressing the **STATUS** button will also display a list of all open sensors along with general system status and alerts.

THE STATUS BAR SHOWS THE SYSTEM MODE AND WHAT SENSORS ARE OPEN

THE ARM BUTTON ON THE SECURITY AND MENU SCREENS LIGHTS GREEN WHEN ALL PERIMETER SENSORS ARE CLOSED. THE ARM BUTTON WILL LIGHT ORANGE IF ANY PERIMETER SENSOR IS OPEN

THE STATUS BAR WILL DISPLAY THE HOUSE ICON IF ANY INTERIOR SENSOR IS OPEN

THE HOME BUTTON LIGHTS GREEN WHEN ALL PERIMETER SENSORS ARE CLOSED. THE HOME BUTTON WILL NOT BE LIT IF ANY PERIMETER SENSOR IS OPEN

Sensor Bypassing

Before the system can be armed, all protected doors and windows must be closed or bypassed. The system uses *"bypasses"* to resolve open sensors on protected doors or windows before arming the system. When a sensor is bypassed, the system ignores that the door or window is open. There are two types of sensor bypasses available: forced and manual.

In some cases (such as when using the security system for protection when staying at home) it may be desirable to leave some sensor-protected doors or windows open. Temporarily bypassing a sensor for this use is called "force bypassing". Force bypasses are automatically removed when the system is disarmed.

Sensor bypassing is also sometimes used when a sensor is requiring service. A sensor's magnet might be missing, or an external switch contact connected to a sensor might be faulty, causing the sensor to be detected as "open" by the Control Panel. In these conditions, you may need to schedule a service call with your qualified alarm service technician to repair or replace the troubled sensor. If the security system needs to be armed before the sensor can be serviced, the sensor can be *"manually bypassed"* so the rest of the system can be armed. Depending on programming, manual bypasses can remain in place until they are manually removed.

☞ ***NOTE: Bypassed sensors offer no protection and cannot cause an alarm.*** *Use bypass if you want to arm your system with one or more sensors open and intentionally unprotected.*

Force Bypassing Sensors

If any sensors are open when the **ARM** button is pressed, the Control Panel will display the bypass sensor screen. When the system is disarmed, the force bypassed sensors will be returned to normal.

1. With one or more perimeter sensors open, press **ARM** from the Security or Menu Screen.
2. Press **BYPASS ALL** to force bypass the open sensors (including any open interior sensors).
3. Enter a User Code (unless "Quick Bypass" has been set by the installer) to activate the bypass and continue to the Arming Screen.
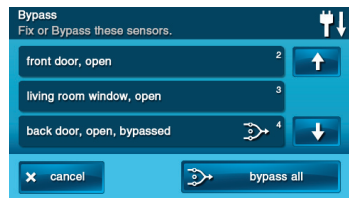
Force Bypass Sensors Screen

Manual Bypassing or Un-bypassing Sensors

In case one or more perimeter or interior sensors need to be manually bypassed, or have their manual bypass removed, use the following steps:

1. Press **MENU**, **TOOLBOX**, then **BYPASSED SENSORS**.
2. Enter a User Code.
3. Press the individual name of the sensor(s) to bypass or un-bypass the sensor(s). The bypass symbol will display for the manually bypassed sensors. To show only the bypassed sensors, press **SHOW BYPASSED ONLY**.
4. Press **BACK**.
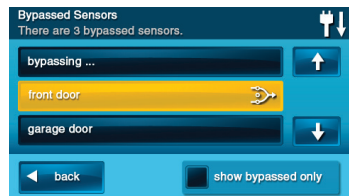
Manual Bypass Sensors Screen with Door Bypassed

Burglary Protection

Stay Mode

Stay Mode is for arming the system when people will be staying on the premises. Stay Mode arms the sensor-protected perimeter doors and windows while **not** arming the interior motion sensors or other interior doors. This allows the premises to be occupied while the system is partially armed. Stay Mode is used mostly for arming the system during the evening hours after everyone is inside and no one is expected to enter or leave.

When the system is armed in Stay Mode, you can move about the premises without triggering the burglary alarm. All the interior burglary protection is off. But, if a sensor-protected *perimeter* door or window is opened, an alarm will occur.

Entry Delay in Stay Mode

Certain sensors, such as the front door, can be setup by your installer to have a delay before triggering an alarm. This provides a way for an authorized person returning to enter using a predetermined door and disarm the system before an alarm is triggered. When arming the system in Stay Mode, an "Entry Delay" option check box is shown on the Control Panel's Arming Screen. Normally this option check box is checked, so the programmed delay doors allow time for disarming the system after the door is opened. Un-checking this option box removes the delayed alarm trigger from **all** sensor-protected doors programmed for delay, causing those entrances to instantly trigger the alarm if they are opened in Stay Mode.

Quick Exit in Stay Mode

A programmable option, called "Quick Exit" may be displayed on the Security Screen **while** the system is armed in the Stay Mode. Pressing the Quick Exit button starts a timer to allow someone to exit or enter through a sensor-protected door *programmed for delay* without having to disarm the entire system. When the delay timer runs out, the system returns to the normal Stay Mode.

The Quick Exit option can be turned on or off by your installer, refer to the "Installer Set Options" section of this manual to see which options have been set for your system.

Silent Control in Stay Mode

An option for silencing the beeps and announcements is available when arming or disarming the system in Stay Mode. On the Control Panel's Home, Security, and Arming Screens, a "Silent Control" 🔊 button is shown. When arming, pressing this button will silence the Control Panel and it will double the length of the Exit Delay.

Arming to Stay Mode

Use Stay Mode to arm the system when anyone will be staying home. Stay Mode normally has an Entry Delay so someone with a User Code can re-enter without causing an alarm.
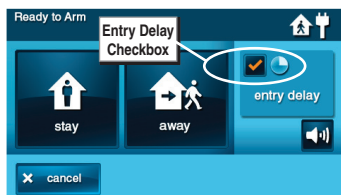
1. Close all protected perimeter doors and windows before arming.

2. Verify that the 🏠 button on the Control Panel is lit green indicating that the system is ready to arm. The **SECURITY** button and **ARM** button on the display will also be green when all sensors are closed.

✓ **NOTE:** *If you desire to arm the system quietly without sounding any announcements, press the* 🔊 *button before performing the next steps.*

3. From the Security Screen, or the Menu Screen, press **ARM**.

   • If there are any open perimeter door or window sensors, the Bypass Screen will appear. Close all the sensors displayed or press **BYPASS ALL** to force bypass the displayed sensors. NOTE: BYPASSED SENSORS WILL NOT BE ABLE TO TRIGGER AN ALARM.

   • To bypass sensors, you will need to enter a User Code unless the installer has set the system for "Quick Bypass".

4. On the Arming Screen, one check box option can be used with Stay Mode.

   • If no one is expected to re-enter, the system can be armed without an Entry Delay. All perimeter doors will trigger the alarm instantly. To arm with all exit/entry perimeter doors as instant, un-check the **ENTRY DELAY** option button.

5. Press **STAY** to arm the system.

   • To arm the system, you may need to enter a User Code if your installer has turned off the system's "Quick Arming" feature.

6. The system will arm and show the Exit Delay counting down. When the Exit Delay expires, the system is fully armed in the Stay Mode.
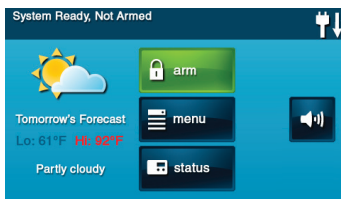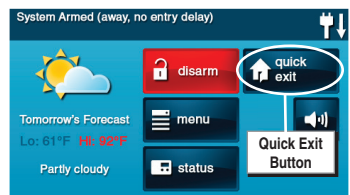

The Security Screen
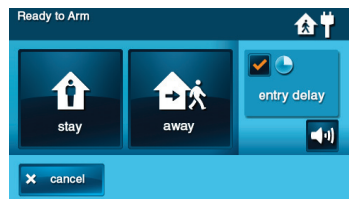
The Arming Screen

Entry Delay Check Box

Quick Exit Button

Burglary Protection

Away Mode

Away Mode is for arming the system when everyone will be leaving the premises. Away Mode arms **all** sensor-protected perimeter doors and windows, interior motion sensors, interior glass break sensors, and any other sensor-protected interior doors. The premises must be unoccupied while the system is armed. Away Mode is typically used for arming the system during the daytime hours in a residential installation, and non-business hours in a commercial installation.

When the system is armed in Away Mode, you *cannot* move about the premises without triggering the burglary alarm (if the system is installed with interior motion detectors). An alarm will also occur if any sensor-protected door or window is opened or glass breakage is detected (if glass breakage detectors are installed in your system).

Exit and Entry Delays in Away Mode

Certain sensors, such as the front door, can be setup by your installer to have a delay before triggering an alarm. This provides a way for an authorized person to exit and reenter the premises without triggering an alarm. The "Exit Delay" allows time to leave after arming the system. The "Entry Delay" allows time to disarm the system before an alarm is triggered.

When arming the system in Away Mode, an "Entry Delay" option check box is shown on the Control Panel's Arming Screen. Normally this option check box is checked, so the programmed delay doors allow time for disarming the system after the door is opened. Un-checking this option box removes the delayed alarm trigger from **all** sensor-protected doors programmed for delay, causing those entrances to instantly trigger the alarm if they are opened in Away Mode. With the Entry Delay disabled, the system will have to be remotely disarmed with a wireless key fob before entering.

Exit Delay Restart

The Exit Delay Restart* option will extend the Exit Delay **one time** if you need to re-enter the premises. With the Exit Delay Restart option, re-entering the premises after you have left, **but before the Exit Delay timer expires**, will restart the Exit Delay timer, giving you the full length of time to leave again. The restart option only works once, each time the system is armed.

Silent Control in Away Mode

An option for silencing the beeps and announcements is available when arming or disarming the system in Away Mode. On the Control Panel's Home, Security, and Arming Screens, a "Silent Control" 🔊 button is shown. When arming, pressing this button will silence the Control Panel and it will double the length of the Exit Delay.

Quick Exit in Away Mode

A programmable option called "Quick Exit*" may be displayed on the Security Screen **while** the system is armed in the Away Mode. Pressing the Quick Exit button starts a timer to allow someone to exit or enter through a sensor-protected door *programmed for delay* without having to disarm the entire system. When the delay timer runs out, the system returns to the normal Away Mode.

☞ **NOTE: If interior sensors are installed in the system in certain areas, do not violate those sensors when using the Quick Exit feature in Away Mode.**

Auto Stay Mode

The system may have been programmed by the installer for "Auto Stay Mode*". If this option is on and the system is armed in Away Mode, if an exit/entry delay sensor is not triggered before the Exit Delay expires (no one left the premises), the system automatically arms in Stay Mode instead of Away Mode.

* These options can be turned on or off by your installer; refer to the "Installer Set Options" section of this manual to see which options have been set for your system.

Arming to Away Mode

Use the Away Mode to arm the system when everyone will be leaving the home. The Away Mode normally has an Entry Delay so someone with a User Code can re-enter without causing an alarm. Interior and perimeter sensors are armed in the Away Mode.

1. Close all sensor-protected doors and windows before arming.

2. Verify that the 🏠 button on the Control Panel is lit green, indicating that the system is ready to arm. The **SECURITY** button and **ARM** button on the display will also be green when all perimeter sensors are closed. **If the 🏠 icon is displayed on the status bar, an interior sensor is open, be sure to close or manually bypass the interior sensor(s) or an alarm will occur.**

✓ **NOTE:** *If you desire to arm the system quietly without sounding any announcements, press the* 🔊 *button before performing the next steps. When the* 🔊 *button is used, the Exit Delay will be doubled, and the beeps that normally sound during exit will not sound.*

3. From the Security Screen, or the Menu Screen, press **ARM**.
   - If there are any open perimeter door or window sensors, the Bypass Screen will appear. Close all the sensors displayed or press **BYPASS ALL** to force bypass the displayed sensors. NOTE: BYPASSED SENSORS WILL NOT BE ABLE TO TRIGGER AN ALARM.
   - To bypass sensors, you will need to enter a User Code unless the installer has set the system for "Quick Bypass".

4. On the Arming Screen, a check box option can be used with Away Mode.
   - The system can be armed without an Entry Delay. All perimeter doors will trigger the alarm instantly. The system will have to be disarmed with a wireless key fob. To arm with all exit/entry perimeter doors as instant, un-check the **ENTRY DELAY** option button.

5. Press **AWAY**.
   - To arm the system, you may need to enter a User Code if your installer has turned off the system's "Quick Arming" feature.

6. The system will arm and show the Exit Delay counting down. When the Exit Delay expires, the system is fully armed in the Away Mode.
   - When the system is armed in the Away Mode, beeps will sound during the Exit Delay (faster beeps during the last 10 seconds).
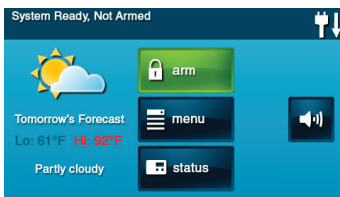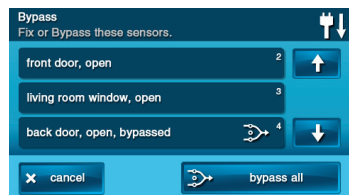

The Security Screen
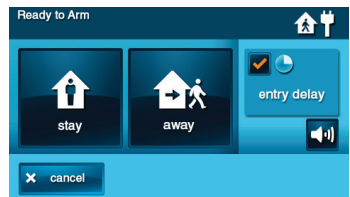
The Arming Screen
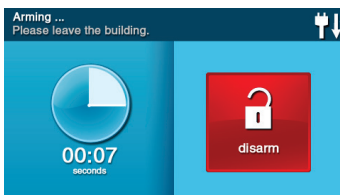
Exit Delay Timer & Disarm Button

The Bypass Screen

Burglary Protection

Disarming the System

To stop the Control Panel from triggering burglary alarms, the system will need to be disarmed. Disarming turns off the burglary detection part of the system for sensors that are not 24-hour sensors. Disarming also stops any type of alarm in process.

The system should be disarmed from Stay Mode before exiting the premises. The system should be disarmed from Away Mode before or while entering the premises. When disarming from the Control Panel or wireless keypad, you will need to enter a valid User Code. A wireless key fob can also be used to disarm the system. Entering a User Code is not required when disarming with a wireless key fob.
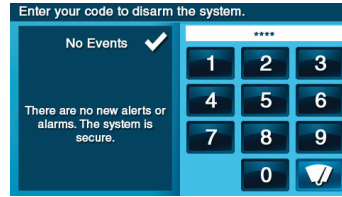
An important feature of the Control Panel is its ability to warn you if an alarm has occurred while you were away. If an alarm was triggered while the system was armed, the alarm siren will run for a preset length of time then stop. When you enter to disarm the system, instead of sounding the normal Entry Delay beeps, the Control Panel will sound repeated fast beeps to warn you that alarm has occurred while you were away.

⚠️ ***WARNING: WHEN ENTERING THE PREMISES TO DISARM THE SYSTEM, IF YOU HEAR FAST REPEATED BEEPS INSTEAD OF THE NORMAL ENTRY DELAY BEEPS, USE EXTREME CAUTION!!! AN INTRUDER MAY STILL BE PRESENT INSIDE THE BUILDING!!! WAIT OUTSIDE AND USE A CELL PHONE TO CALL A FRIEND, NEIGHBOR, OR LAW ENFORCEMENT FOR ASSISTANCE.***
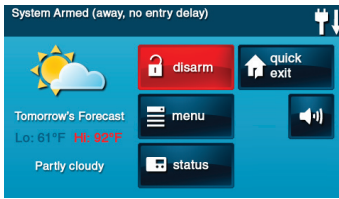
The Security Screen (System Armed)   *Disarm Code Screen*

Disarming from Stay Mode

The system should be disarmed from Stay Mode before exiting the premises.

1. From the Home Screen, press the **SECURITY** button. Press 🔊 for Silent Control.

2. From the Security Screen or the Menu Screen, press **DISARM**.

3. The Disarm Code Screen will display. The left side of the screen shows any events that have occurred while the system was armed.

4. Enter a valid User Code to disarm the system.

   • In case you press a wrong key, the 🔙 button erases the entire entry.

   • Press ✖ if you do not want to disarm at this time.

Disarming from Away Mode

The system should be disarmed from Away Mode while entering the premises.

1. Enter the premises through a designated Entry Delay sensor-protected door.

2. The Disarm Code Screen will display and the Entry Delay beeps will sound. The left side of the screen shows any events that have occurred while the system was armed.

3. Enter a valid User Code to disarm the system.

   • In case you press a wrong key, the 🔙 button erases the entire entry.

If a Burglary Alarm Occurs

If an armed sensor is tripped while the system is armed in the Stay or Away Mode, an alarm will occur and the siren will sound. Delayed sensors will start the Entry Delay to allow time to disarm the system. Instant sensors trigger the alarm right away. Most sensors will trigger the alarm siren, some sensors may be set to trigger a silent alarm without sounding the siren.

Burglary Alarm Siren

If there is a burglary alarm tripped while the system is armed, the Control Panel will sound the alarm siren for a preset time (the time can be changed; see the Installer Set Options section of this manual). After the time expires, the siren will stop sounding. The system can also be set by the installer to allow one or two alarm cycles per sensor, per arming period. (Siren sounds are steady for burglary, intermittent horn for fire, and pulsed for CO detection.)
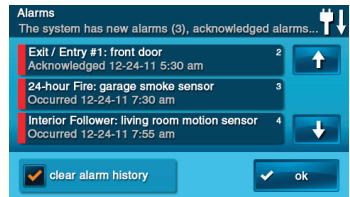
Alarm Memory

If an alarm has occurred while the system was armed, the Disarm Screen will show the time and date of the alarm and the sensor(s) that triggered the alarm.

After the system is disarmed, the Alarm Memory screen will be displayed. The Alarm Memory Screen shows the sensor(s) that have caused the alarm. If more than one sensor has been triggered, the display will show the order that alarms occurred. **The alarm memory will automatically clear the next time the system is armed.** You can also check the **CLEAR ALARM HISTORY** button and press **OK** to manually clear the alarm memory (24-hour fire and CO sensors that are still violated will remain in alarm memory).
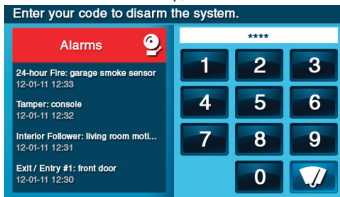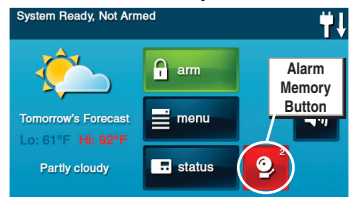

Disarm Screen Showing Alarms

Alarm Memory Screen

Anytime there are events stored in alarm memory, the Security Screen will display the 🔘 button. The number on the button is the number of sensors that triggered during the alarm (remains until acknowledged). Press the 🔘 button to view the Alarm Memory Screen.

Security Screen with Alarm Memory Button

Optional 2-Way Voice Communications

2-way voice communications provides a method for alarm verification and can provide emergency assistance. The Control Panel contains a built-in microphone that can monitor sounds around the area of the Control Panel. The built-in microphone and speaker allows 2-way voice communications with a Central Station operator after an alarm. The operator can converse with people in the premises through the Control Panel's speaker and microphone.

Your installer can set the system to use 2-way voice communications after an alarm and/or after a panic alarm is triggered.

✓ **NOTE:** *If a panic alarm or sensor is set for a silent alarm, the operator will only be able to listen and not be able to talk. This is for your protection.*

Burglary Protection

Key Fob Arming and Disarming

Your system may be equipped with one or more wireless key fobs. Up to eight key fobs can be used to control the system remotely. Each key fob has four buttons and can perform five functions. A User Code is not required when arming or disarming the system with a wireless key fob.
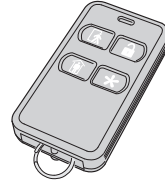
There are several key fob options that can be set by the installer. Check the options that apply.

- Have key fob arm without an Entry Delay.
  ❏ Fob #1 ❏ Fob #2 ❏ Fob #3 ❏ Fob #4 ❏ Fob #5 ❏ Fob #6 ❏ Fob #7 ❏ Fob #8

- Allow key fob disarming.
  ❏ Fob #1 ❏ Fob #2 ❏ Fob #3 ❏ Fob #4 ❏ Fob #5 ❏ Fob #6 ❏ Fob #7 ❏ Fob #8

- Enable key fob auxiliary key.
  ❏ Fob #1 ❏ Fob #2 ❏ Fob #3 ❏ Fob #4 ❏ Fob #5 ❏ Fob #6 ❏ Fob #7 ❏ Fob #8

- Key fob emergency keys. (Check one emergency function for each key fob.)

Function	Fob #1	Fob #2	Fob #3	Fob #4	Fob #5	Fob #6	Fob #7	Fob #8
Auxiliary Alarm								
Audible Alarm								
Silent Panic Alarm								
Fire Alarm								
Emergency Keys Disabled								

Key Fob Arming to Stay Mode
- To arm the system to Stay Mode using a key fob, press the ⬆ (**STAY**) button.

✓ **NOTE**: *If there are open **perimeter** doors or windows, the system will not allow arming to Stay Mode with a wireless key fob. All open sensors must be bypassed at the Control Panel first.*

Key Fob Arming to Away Mode
- To arm the system to Away Mode using a key fob, press the 🏃 (**AWAY**) button.

✓ **NOTE**: *If there are open **perimeter** doors or windows, the system will not allow arming to Away Mode with a wireless key fob. All open sensor-protected doors and windows must either be closed or bypassed at the Control Panel before arming with a wireless key fob.*

Key Fob Disarming
- To disarm the system from Stay or Away Mode using a key fob, press the 🔓 (**DISARM**) button. (This option must be enabled by the installer.)

Key Fob Emergency
- To trigger an emergency alarm using a key fob, press the 🏃 (**AWAY**) and 🔓 (**DISARM**) buttons at the same time for five seconds. (This option must be enabled by the installer.)

✓ **NOTE**: *If an emergency alarm is triggered by a key fob, it cannot be stopped using a key fob 🔓 (**DISARM**) button. The alarm must be canceled at the Control Panel.*

Key Fob Auxiliary
- To trigger the Control Panel's auxiliary output, press the ✶ (**AUXILIARY**) button.

- If this feature is used, your auxiliary output controls: _____

Wireless Keypad Arming and Disarming

Your system may be equipped with one or more wireless keypads. Up to four wireless keypads can be used to control the system remotely from the main Control Panel.

Two types of wireless keypads are available. The standard wireless keypad, and the wireless touch screen keypad. The wireless touch screen keypad operates virtually the same as the Control Panel. Use the following instructions for operating the standard wireless keypad.

Each standard wireless keypad has buttons for entering User Codes, **STAY** and **AWAY** mode buttons, and **FIRE** and **POLICE** emergency buttons.

Check here if the 24-hour **FIRE** and **POLICE** emergency buttons have been enabled by the installer:

Standard Wireless Keypad

Wireless Touch Screen Keypad

- ❏ Wireless Keypad #1 emergency keys enabled
- ❏ Wireless Keypad #2 emergency keys enabled
- ❏ Wireless Keypad #3 emergency keys enabled
- ❏ Wireless Keypad #4 emergency keys enabled

Wireless Keypad Arming to Stay Mode
- To arm the system to Stay Mode using a wireless keypad, enter a User Code and press the **STAY** button. (If Quick Arming has been allowed by the installer, just press the **STAY** button.)

✓ **NOTE**: *If there are open **perimeter** doors or windows, the system will not allow arming to Stay Mode with a wireless keypad. All open sensors must be bypassed at the Control Panel first.*

Wireless Keypad Arming to Away Mode
- To arm the system to Away Mode using a wireless keypad, enter a User Code and press the **AWAY** button. (If Quick Arming has been allowed by the installer, just press the **AWAY** button.)

✓ **NOTE**: *If there are open **perimeter** doors or windows, the system will not allow arming to Away Mode with a wireless keypad. All open sensor-protected doors and windows must either be closed or bypassed at the Control Panel before arming with a wireless keypad.*

Wireless Keypad Disarming
- To disarm the system from Stay or Away Mode using a wireless keypad, just enter a User Code.

Wireless Keypad Fire Emergency
- To trigger a emergency fire alarm using a wireless keypad, press the **FIRE** button for two seconds. (This option must be enabled by the installer.)

Wireless Keypad Police Emergency
- To trigger a emergency police (panic) alarm using a wireless keypad, press the **POLICE** button for two seconds. (This option must be enabled by the installer.)

Fire Protection

Fire Alarm System

Your system may be installed with smoke detectors and carbon monoxide (CO) detectors as part of an overall fire and gas protection system. The fire protection part of the security system is active 24 hours-a-day, offering continuous protection.

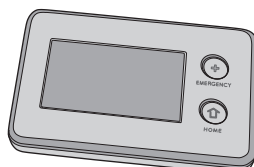In the event of a fire or poisonous CO gas emergency, the installed smoke or carbon monoxide detector will automatically activate your security system. A loud, intermittent horn will sound from the Control Panel, and the external sounder will produce an intermittent siren (if an external sounder has been installed). The fire sounder will continue until the fire horn timer expires or until a User Code is entered.

Manual Fire Alarm

If you become aware of a fire emergency *before* your detectors sense the problem follow these important steps:

1. Yell FIRE! to alert anyone else around.

2. Go the Control Panel and press the white lighted ⊕ button, then press and <u>hold the **FIRE** button for at least two seconds</u>. The fire alarm can also be triggered using the **FIRE** button on a wireless keypad. THE FIRE ALARM WILL SOUND.

3. Evacuate all occupants from the premises and call your local Fire Department from a safe location.

Automatic Fire Alarm

If your detectors trigger a fire emergency alarm *before* you sense a problem, and the fire alarm is sounding, follow these steps:

1. If flames and/or smoke are present, yell FIRE! to alert anyone else around.

2. Evacuate all occupants from the premises and call your local Fire Department from a safe location.

   - OR -

1. If no flames or smoke are apparent, investigate the possible causes of the alarm.

2. Go to the Control Panel and enter your User Code to stop the fire sounder.

3. Review the alarm memory to determine which sensor(s) caused the alarm.

4. Go to the sensor(s) and look for the reason the sensor tripped.

5. Correct the condition that caused the detector to sense smoke or CO gas.

Silencing a False Fire Alarm

If the fire alarm is sounding due to a detector sensing burnt food or some other non-emergency condition, follow these steps to stop the alarm:

1. Silence the fire alarm sounder by entering your User Code.

2. Review the alarm memory to determine which sensor(s) caused the alarm.

3. If the alarm restarts, there may still be smoke in the detector's sensor. Enter your User Code again to stop the alarm. Fan the detector for 30 seconds to clear the detector's sensor chamber.

4. After the problem has been corrected, check the **CLEAR ALARM HISTORY** button on the Alarm History Screen and press **OK**. **(Fire & CO sensors that are still violated cannot be cleared from alarm history until the device returns to normal operation. Carefully inspect the premises for danger if fire or CO sensors remain in alarm.)**

This equipment should be installed in accordance with Chapter 2 of the National Fire Alarm Code, ANSI/NFPA 72, (National Fire Protection Association, Batterymarch Park, Quincy, MA 02269). Printed information describing proper installation, operation, testing, maintenance, evacuation planning, and repair service is to be provided with this equipment.

Recommended Smoke Detector Locations

The National Fire Protection Association's (NFPA) Standard #72 recommends the following placement for smoke detectors:

✓ Early warning fire detection is best achieved by the installation of fire detection equipment in all rooms and areas of the household. The equipment should be installed as follows:

- A smoke detector installed outside each separate sleeping area, in the immediate vicinity of the bedrooms and on each additional story of the family living unit, including basements and excluding crawl spaces and unfinished attics.

- In addition, the NFPA recommends that you install smoke detectors in the living room, dining room, bedroom(s), kitchen, hallway(s), finished attics, furnace room, utility and storage rooms, and attached garages.
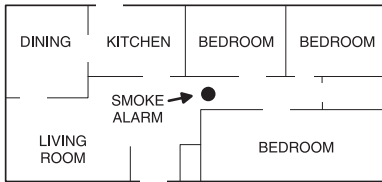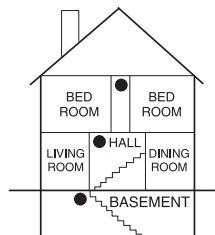
A smoke alarm should be located between the sleeping area and the rest of the family living unit.
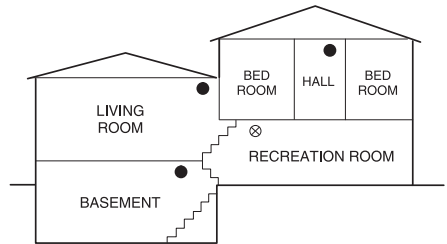
● Indicates required smoke alarm
⊗ Indicates optional smoke alarm if door is not provided between Living and Recreation Rooms
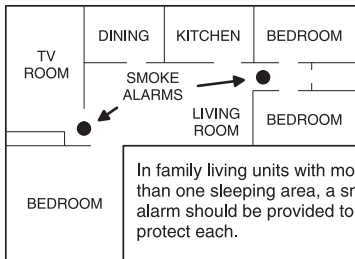
In family living units with more than one sleeping area, a smoke alarm should be provided to protect each.

A smoke alarm should be located on each story.

Fire Protection

Emergency Evacuation Plan

To establish and regularly practice a plan of escape in the event of fire, the following steps are recommended by the National Fire Protection Association:
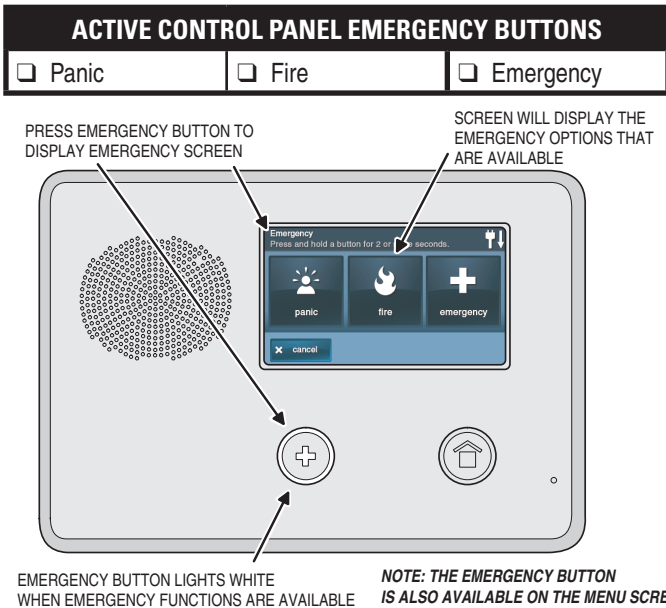
1. Position your detector or your interior and/or exterior sounders so that they can be heard by all occupants.

2. Determine two means of escape from each room. One path of escape should lead to the door that permits normal exit from the building. The other should be an alternate escape, such as a window, should your path to that door be impassable. Station an escape ladder at such windows if there is a long drop to the ground.

3. Sketch a floor plan of the building. Show windows, doors, stairs, and rooftops that can be used to escape. Indicate escape routes for each room. Keep these route free from obstructions and post copies of the escape routes in every room.

4. Assure that all bedroom doors are shut while you are asleep. This will prevent deadly smoke from entering while you escape.

5. Try the door. If the door is hot, check your alternate escape route. If the door is cool, open it cautiously. Be prepared to slam the door shut if smoke or heat rushes in.

6. When smoke is present, crawl on the ground. Do not walk upright, since smoke rises and may overcome you. Clearer air is near the floor.

7. Escape quickly; don't panic.

8. Establish a place outdoors, away from your house, where everyone can meet and then take steps to contact the authorities and account for those missing. Choose someone to assure that nobody returns to the house — many die going back.

24-Hour Emergency Buttons

Three 24-hour emergency functions are available: PANIC, FIRE, and EMERGENCY. These functions can be activated by buttons on the Control Panel. The emergency functions can also be activated using wireless sensors, from the wireless keypad, or from portable pendant devices.

The ⊕ button displays the emergency screen, it <u>does not</u> trigger an alarm. The installer sets which emergency buttons on the Control Panel are displayed on the emergency screen. If emergency functions are not available, an information screen will be displayed. Check the boxes below for the emergency functions that are active on your system.

ACTIVE CONTROL PANEL EMERGENCY BUTTONS		
❏ Panic	❏ Fire	❏ Emergency

PRESS EMERGENCY BUTTON TO DISPLAY EMERGENCY SCREEN

SCREEN WILL DISPLAY THE EMERGENCY OPTIONS THAT ARE AVAILABLE

EMERGENCY BUTTON LIGHTS WHITE WHEN EMERGENCY FUNCTIONS ARE AVAILABLE

NOTE: THE EMERGENCY BUTTON IS ALSO AVAILABLE ON THE MENU SCREEN

★ *IMPORTANT: BE SURE TO PRESS AND HOLD AN EMERGENCY BUTTON <u>FOR AT LEAST TWO SECONDS</u> TO ACTIVATE THE ALARM.*

When an emergency function is activated, the siren will sound for its preset time or until a User Code is entered to silence the alarm.

Panic

The **PANIC** (police) emergency button sends an immediate panic report to the Central Monitoring Station. The installer can set the system to sound the siren when the button is pressed, or have the button trigger a silent alarm that does not sound the siren.

Fire

The **FIRE** emergency button sends an immediate fire report to the Central Monitoring Station. The Control Panel will sound the fire horn when the button is pressed.

Emergency

The **EMERGENCY** emergency button sends an immediate emergency report to the Central Monitoring Station. The Control Panel will sound the siren when the button is pressed.

System Trouble Alerts

The system monitors itself for abnormal operating conditions and will alert you if trouble is detected.

The system monitors these and other conditions:

- AC power to the Control Panel
- The telephone line (optional)
- The cellular telephone connection (if used)
- The Control Panel's backup battery
- The sensor's batteries
- Sensor supervisory status (if used)
- External sounder connection
- Sensor radio reception and sensor tampering (sensor's case opened) when disarmed
- Control Panel tampering (panel's case opening) when disarmed (optional).
- Communication to the Central Station

Trouble conditions can be reported to the Central Monitoring Station. Service to correct the trouble condition should be preformed as soon as possible.

Trouble Alert Icon

If the system detects trouble, it will flash the trouble alert ⚠ icon on the Security Screen and sound six alert beeps every minute. Scrolling text along the top of the display also describes the trouble condition(s) that exist.

The trouble alert ⚠ icon displays a number in the upper right corner that is the number of current trouble alerts.

The trouble alert ⚠ icon will flash until the trouble alerts are acknowledged, then it will light constant until all the troubles are corrected. When all troubles are corrected, the icon will disappear.
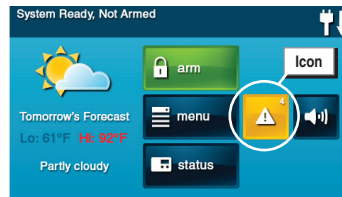
Trouble Alert Icon

1. Press the trouble alert ⚠ icon button to display all current trouble alerts.

2. View the listed trouble events. If there are more than three alerts, use the ↑ and ↓ arrows to scroll through the list.

3. After viewing the trouble events, press **OK** to acknowledge. This will silence the alert beeps.
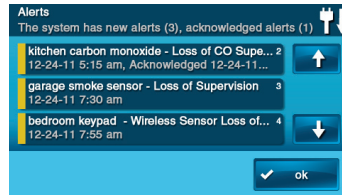
Trouble Alert List

Nighttime Trouble Alert Holdoff

As an option, the system can be programmed by your installer to suppress the trouble alert sounder from 10 PM to 9 AM. Any trouble alerts will still be displayed and reported (if enabled), but the sounder will not beep. Some trouble conditions may clear automatically, other trouble conditions may require service to correct. If the trouble condition still exists after 9 AM, the sounder will beep to indicate trouble. Regardless of whether the trouble alert sounder is suppressed or not, every trouble condition is always displayed on the trouble alert list and recorded in the system history event log.

System Status Icons

The top line of the Control Panel's display is the status area that shows the current system mode, the status of the sensors, and any current trouble alerts. Special icons are displayed to visually show the system's current condition.

System Status Icons

AC Power Icon

The AC power icon displays whether the Control Panel is receiving AC line power or not.

AC Power Icons

Phone Line Failure Icon

If the system detects a telephone line failure, the phone line failure icon will be displayed.

Phone Line Failure Icon

Backup Battery Status Icon

If the Control Panel's backup battery tests low or exhausted, the low backup battery icon will be displayed.

Low Backup Battery Icon

Test Mode Icon

When the system is placed in System Test Mode, the test mode icon will flash in the status bar of the display during the testing.

Test Mode Icon

Remote Installer Access Icon

When the system is being remotely accessed by your installer with a computer over the telephone, the remote access icon will be displayed.

Remote Installer Access Icon

Radio Modem Icon

If the system's optional GSM radio modem is installed, the GSM radio icon will be displayed on the status bar while the GSM radio is being used to update software or add features.

Radio Modem Icon

Interior Sensor Open Icon

If an interior sensor is open (or a motion detector has just been activated) the house icon will be displayed on the status bar. As a warning, the icon flashes during arming.

Interior Sensor Open Icon

Messaging

System Messages

Your security system supports receiving messages from the Central Monitoring Station. The messages can be about system upgrades, additional services, special regional weather alerts, etc. The messages can be sent for all system users to read, or as confidential messages that only the Master User can read. Messages can be tagged by the sender as standard, urgent, or emergency priority.

Up to 31 text messages can be stored in the Control Panel's memory. They can be reviewed through the Control Panel's display. Displayed messages can be filtered by type and sorted by date or alphabetically. Messages can be saved in the Control Panel, or deleted after they are read.
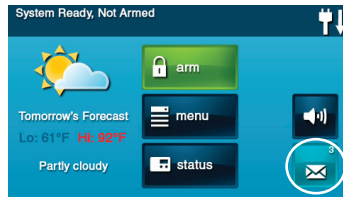
Displaying Messages

When a message is sent to the Control Panel, three beeps will sound and the message icon will display on the Security Screen. Standard messages display a blue ✉ message icon with a number of unread messages in the upper right corner. Urgent messages display a yellow ✉ message icon with an attention ⚠ symbol in the upper right corner. Emergency messages display a red ✉ message icon with the bell 🔔 symbol in the upper right corner.

Standard Message Icon
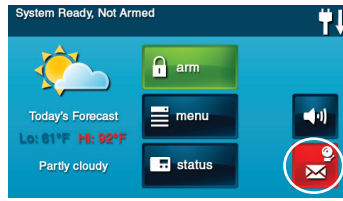

Urgent Message Icon

Reading Messages

When a message icon appears, follow these steps to read the message(s):

1. Press the message icon button.

2. The message list will display. The status bar shows the number of messages in memory, number of unread, and number of priority messages. **Unread messages will display in bold.** Use the ↑ or ↓ arrows to scroll the list.

3. Press the message line on the message list to view the message.

4. Press **BACK** to return to the message list, or press **DELETE** to erase the message. If the **MARK AS READ** box is checked, the message will remain on the message list if it's not deleted, but it will not be displayed in bold.

5. When deleting a message, a confirmation screen will display. Press **DELETE MESSAGE** to delete, or press **CANCEL** to return to the message.

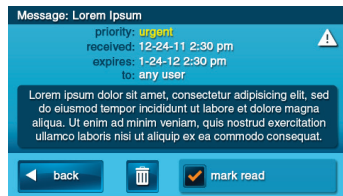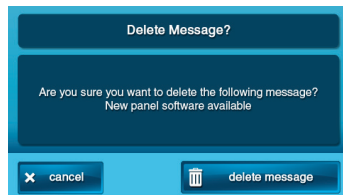6. A delete acknowledge screen will display. Press **OK** to return to the message list.

Message List

Standard Text Message

Message Delete Confirmation

Reading Confidential Messages

When a confidential message is sent to the Control Panel, only users with the Master User Code can display the message.

Use the following steps for confidential messages:

1. Press the message line on the message list. If the message is a confidential message, the code entry screen will be displayed.

2. Enter the Master User Code on the code entry screen. Regular User Codes will not be accepted.

3. View the displayed message.

4. Proceed to save or delete the message as detailed in the previous section.

Filtering Messages

To select which type of messages will be displayed on the message list, use the message filters.

1. Press **FILTERS** to display the message filter option screen.

2. Check or un-check the types of messages to display. Press **ALL** to check all types. Press **BACK** to return to the message list.

The filters will reset, selecting all types, when your message reviewing is over and the system returns to the Security Screen.

Sorting Messages

To select the order in which messages are displayed on the message list, use the message sorting options.

1. Press **SORTS** to display the message sorting option screen.

2. Pick an option to sort the messages by date received, date expired, or alphabetically.

3. Check the **REVERSE** box to reverse the display order. Check the **PRIORITY** box to list urgent messages first.

4. Press **BACK** to return to the message list.

The sort options will reset when the message reviewing session is over.

Message List
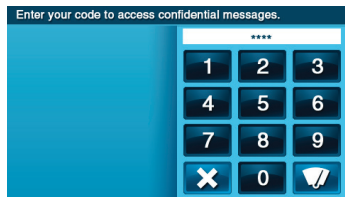
Code Entry Screen for Confidential Messages

Confidential Message

Message Filter Screen
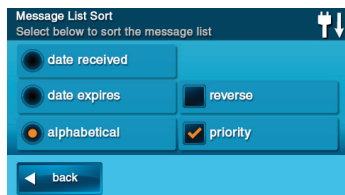
Message Sort Screen

Remote Control by Telephone

Telephone Remote

The system can be controlled remotely using a standard telephone. Remote control is performed by calling the system and responding to spoken questions from the system. By pressing certain telephone keys, you can arm and disarm the system, bypass sensors, and query the system status.
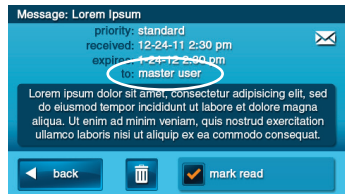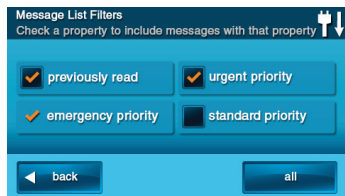
✓ **NOTE:** *The telephone remote control system feature is optional. It must be enabled by your installer before it can be used.*

Calling the System

Your installer selects whether your system supports the remote telephone option or not. If this feature is enabled, the system will require calling it twice within 30 seconds to answer your call and connect.

1. Call the telephone number that the Control Panel is connected to. Wait for one or two rings, then hang up.

2. **Within 10-45 seconds**, call the Control Panel again. The Control Panel will answer the telephone.

Remote Control

Once you are connected with the system, you will be able to check on its status and remotely control the major functions. The announcements that the system plays over the telephone *do not* sound out of the Control Panel's speaker.

1. After the Control Panel answers, it will ask for your User Code. You have 15 seconds to enter your User Code using the telephone keys. If you don't enter a valid User Code in 15 seconds, the system will hang up. For security, if two calls, with two attempts each, to enter a User Code within five minutes fail to enter a valid code, the system will hang up and not respond to telephone commands for 30 minutes.

2. After the system has accepted your User Code, it will announce the system status, then announce the remote command options. The system will wait up to 60 seconds for each remote command before automatically hanging up. If you already know the remote command telephone key number, you can enter it before the command announcement finishes.

3. Use the telephone keys to command the system:

    • Press ⬚1⬚ for system status report

    • Press ⬚2⬚ to arm the system in Away Mode

    • Press ⬚3⬚ to arm the system in Stay Mode

    • Press ⬚4⬚ to disarm the system

    • Press ⬚5⬚ to turn on auxiliary output (if used)

    • Press ⬚6⬚ to turn off auxiliary output (if used)

    • Press ⬚7⬚ to stop system status report

    • Press ⬚8⬚ to hang up

    • Press ⬚9⬚ to repeat the command menu

When you are finished remotely controlling the system, be sure to press ⬚8⬚ to hang up.

✓ **NOTE:** *There is no Exit Delay when the system is remotely armed.*

✓ **NOTE:** *The Auto Stay feature (if enabled) does not function when the system is remotely armed.*

Bypassing Sensors Remotely

When arming the system remotely, if there are open sensors when you try to arm, the system will announce the current status and ask "To bypass sensors and arm, press pound".

    • Press ⬚#⬚ to bypass all open sensors and arm the system.

After the open sensors are bypassed, the system will arm in the selected mode and it will announce the system status to you.

System Toolbox

User Management

The system installer has pre-programmed a Master User code for your system. This code can be used to control the system, as well as assign and change the other seven User Codes. The Master User Code can also access several system setup settings in the User Toolbox. The other seven User Codes are restricted from those settings in the User Toolbox.

User Code Setup
Only the person with the Master User Code can add or change the other User Codes.

To setup the User Codes, use the following steps:

1. On the Home Screen, press **SECURITY**.

2. On the Security Screen, press **MENU**.

3. On the Menu Screen, press **TOOLBOX**.

4. Enter the Master User Code (the factory setting is 1111).

5. On the Toolbox Screen (1 of 3), press **USER MANAGEMENT**.

6. The Users Management Screen displays three users at a time. Use the ↓ and ↑ arrows to scroll through the list.
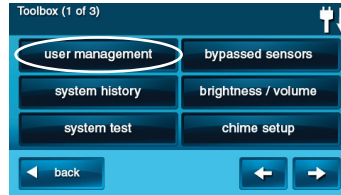
Adding a User Code

✓ **NOTE:** *User Codes 0000 and 0001 are not permitted.*

1. Press one of the **ADD USER** buttons.

2. Enter a four-digit code for the new User Code and press **OK**.

3. Enter the Code again to confirm the code and press **OK**.

4. A confirmation screen will display, press **OK**.

5. The User Code's Access Option Screen will be displayed. The three options determine when this User Code is valid.

6. Select one of the three options: **ALWAYS**; **NEVER**; or **BY SCHEDULE**.

   • Select **ALWAYS** to set this User Code to always be valid. Press **BACK**.

   • Select **NEVER** to set this User Code to never be valid. Press **BACK**.

   • Select **BY SCHEDULE** set this User Code to be valid only for selected days and times. See the next section.

Toolbox Screen 1
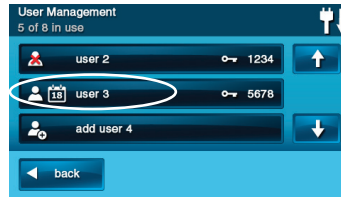
User Management Screen

User Code Entry Screen
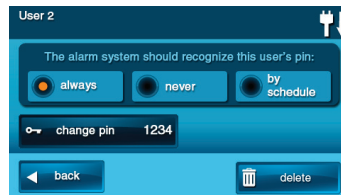
User Access Options Screen

User Code Access Schedules

User Codes can be setup with one or more "Access Schedules". The schedules allow the User Code to be valid only during certain times on specific days of the week, a single day, or a range of days.

This feature is useful for limiting access to the system via User Codes custom tailored for specific regular users such as maintenance, service, or cleaning personnel.

When a User Code is added or changed, the User Code's access option settings are available.

Adding or Editing User Access Schedules

1. If **BY SCHEDULE** was selected for the User Code's option, the **EDIT SCHEDULES** button will be displayed.

2. Press **EDIT SCHEDULES** to select or edit an existing User Code Access Schedule or create a new one.

3. The User Access Schedules Screen displays any current schedules for the User Code.

4. Press **ADD SCHEDULE** to add a new schedule, or press an existing schedule to edit it.

5. One of three schedule types can be selected: **RECURRING**; **DATE**; or **DATE RANGE**.

   • **RECURRING** selects the days of the week and time period that this User Code is valid.

   • **DATE** selects a single specific date and time period that this User Code is valid.

   • **DATE RANGE** selects a starting date, an ending date, and time period that this User Code is valid.
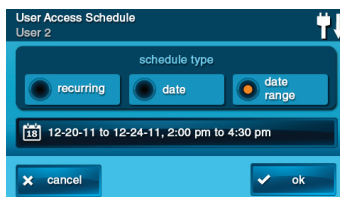
See next page.

*User Access Options Screen*
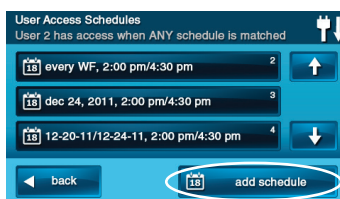
Press to Add a Schedule

User Access Schedule Type Screen

29

System Toolbox

Recurring User Access Schedule

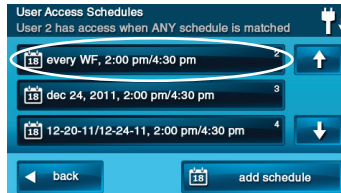Up to seven Recurring User Access Schedules can be set for each User Code.

1. Select **RECURRING** for the schedule type.

2. Press the calendar button to view the Recurring User Access Schedule Screen.

3. Select the day(s) of the week that this User Code will be valid with the check boxes.

4. Press the left and right time buttons to set the starting and ending times that this User Code will be valid on the selected days of the week.

5. Press **OK** to accept the schedule, or **CANCEL** to return to the Schedule Type Screen.
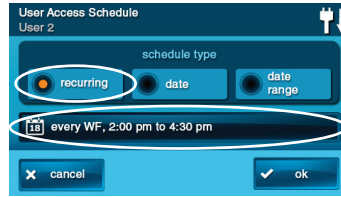
Recurring Schedule Selected
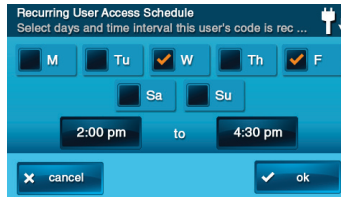
Schedule Set for Monday-Friday 8 am to 5 pm

User 2 with One Recurring Schedule

Single Date User Access Schedule

1. Select **DATE** for the schedule type.

2. Press the calendar button to view the Date User Access Schedule Screen.

3. Press the date button to set the **only** month, day, and year that this User Code is valid.

4. Press the left and right time buttons to set the starting and ending times that this User Code will be valid on that date.

5. Press **OK** to accept the schedule, or **CANCEL** to return to the Schedule Type Screen.

Single Date Schedule Selected

Schedule Set for a Single Day

User 2 with Single Date Schedule

Date Range User Access Schedule

1. Select **DATE RANGE** for the schedule type.

2. Press the calendar button to view the Date Range User Access Schedule Screen.

3. Press the first day button to set the month, day, and year that this User Code will **first** be valid.

4. Press the last day button to set the month, day, and year that this User Code will **last** be valid.

5. Press the left and right time buttons to set the starting and ending times that this User Code will be valid during the date range.

6. Press **OK** to accept the schedule, or **CANCEL** to return to the Schedule Type Screen.

Date Range Schedule Selected

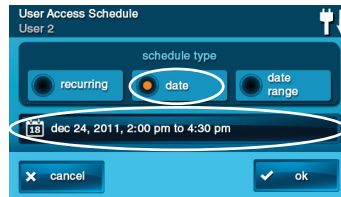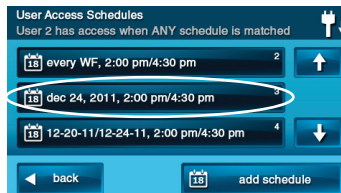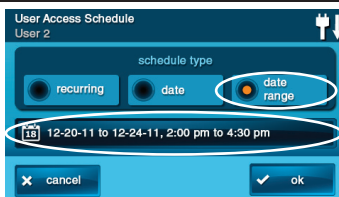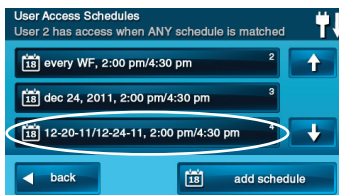*Schedule Set for Date Range*

User 2 with Date Range Schedule

Deleting User Access Schedules

1. On the User Management Screen, select a User Code that displays the calendar schedule icon.

2. Press the **EDIT SCHEDULES** button.

3. On the User Access Schedules Screen, select the schedule to delete.

4. On the Schedule Type Screen press the **DELETE** button.

5. A confirmation screen will be displayed to verify you really want to delete the User Access Schedule. If OK, press **DELETE SCHEDULE** or press **CANCEL** to return to the User Access Schedule Screen.

6. A second screen confirms that the schedule was deleted. Press **OK**.
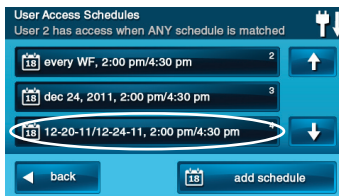
Selecting Schedule to Delete
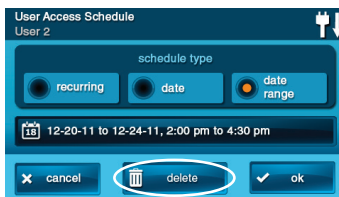
Press to Delete Schedule
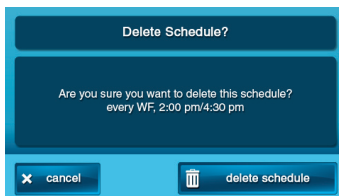
Delete Schedule Confirmation Screen

System Toolbox

Changing a User Code

1. On the User Management Screen, press the **USER** button for the code change.

2. Press **CHANGE PIN**. (The currently set PIN is displayed on the button.)

3. Enter a new four-digit code for the User Code and press **OK**.

4. Enter the Code again to confirm the code and press **OK**.

5. A confirmation screen will display which User Code was changed, press **OK**.
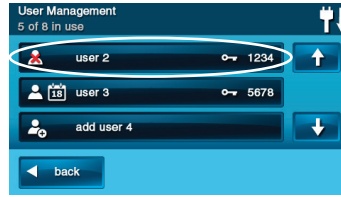
Select User to Change
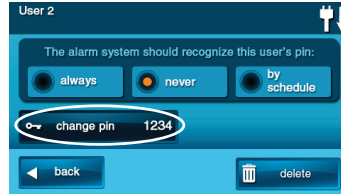
Press Change PIN

Deleting a User Code

1. On the User Management Screen, press the **USER** button to delete.

2. Press **DELETE**.

3. A confirmation screen will display to verify you really want to delete the User Code. If OK, press **DELETE USER** or press **CANCEL** to return to the User Code's Access Option Screen.

4. A confirmation screen will show which User Code was deleted. Press **OK**.

✓ **NOTE:** *You cannot delete the Master User Code (User #1). It can only be changed.*
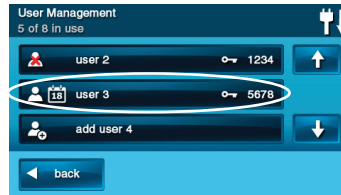
Select User to Delete
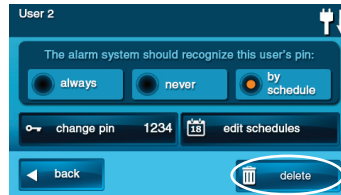
Press Delete
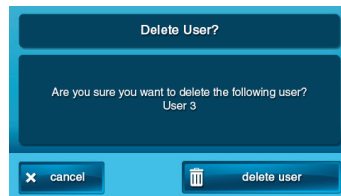
Delete User Confirmation Screen

Duress User Code

The Duress User Code (User Code #8) performs a special function. Controlling the system with this code gives the appearance of normal operation, but using it secretly sends a "duress" report to the Central Monitoring Station to initiate a silent alarm call for help.

USE THIS CODE ONLY IF SOMEONE IS FORCING YOU TO OPERATE YOUR SECURITY SYSTEM AGAINST YOUR WILL. A silent report will be sent to the Central Monitoring Station and they will dispatch help.

Setting the Duress User Code

1. On the User Management Screen, press the **USER 8 (DURESS)** button.

2. A confirmation screen will display; press **CREATE DURESS USER**.

3. Enter a four-digit code for the new Duress User Code and press **OK**.

4. Enter the Code again to confirm the code and press **OK**.

5. A confirmation screen will display; press **OK**.

6. The User 8 edit screen will display. Press **BACK** to return to the User Management Screen.

Select User 8 for Duress User Code
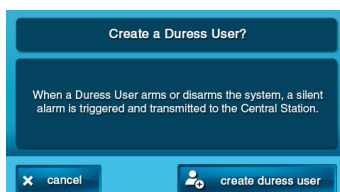
Duress User Create Confirmation Screen

Duress User Created Confirmation Screen

Secret Duress Button

On the Home Screen, in the lower right corner, the system logo is displayed. **The system logo is the secret duress button.**

With the system armed, pressing the logo will display the standard disarm code entry screen. Use a valid User Code or a Duress User Code to disarm the system. The system will disarm normally, but a silent duress report will be sent to the Central Monitoring Station and they will dispatch help.

The secret duress button can also be used while the system is disarmed. Pressing the logo will display a code entry screen. Enter the Duress User Code and a silent duress report will be sent to the Central Monitoring Station and they will dispatch help. The system will remain disarmed.

Secret Duress Button

System Toolbox

System History

The Control Panel keeps a log of system events in the order in which they occur. Each event is marked with the date and time that the event occurred.

To make reading the log easier, the system history display can be "filtered" to show selected events only. The events that can be filtered for the system history log display are:

- Arm or Disarm of the system
- Bypasses of sensors (force bypasses and manual bypasses)
- Alarms (alarms are displayed with a red stripe)
- Alerts (alerts are displayed with a yellow stripe)

Some system events always display regardless of the filters selected. These events include:

- Walk test started or terminated.
- Programming mode started or terminated.

To view the system history log, use the following steps:

1. On the Home Screen, press **SECURITY**.

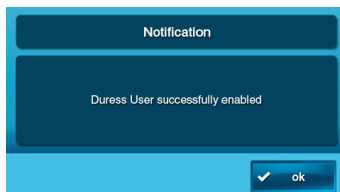2. On the Security Screen, press **MENU**.

3. On the Menu Screen, press **TOOLBOX**.

4. Enter a valid User Code to access the toolbox.

5. On the Toolbox Screen (1 of 3), press **SYSTEM HISTORY**.

6. The log of system events will be displayed. Use the ↑ and ↓ arrows to scroll through the log.

7. To choose what's displayed, press **FILTERS**.

8. Select the events to display with the check boxes. Press **ALL** to select all the check boxes, or **NONE** to clear all the check boxes. Press **OK** when finished.

9. View the system history. Press **BACK** when finished.
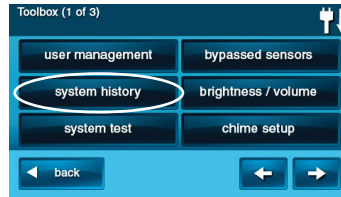
Toolbox Screen 1
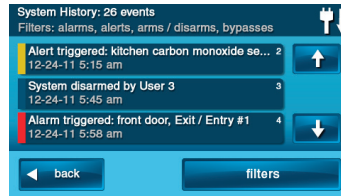
System History Screen

System History Filters

System Test

Even though your security system is self-monitoring, it is important to regularly test the system manually. The System Test is used to test each of the sensors in the system. The Master User Code is required to test the system. While the system is in test mode, a "T" icon will blink on the upper right of the display.

★ **IMPORTANT:** *TEST YOUR SECURITY SYSTEM WEEKLY TO ASSURE CONTINUED PROTECTION AND PROPER SYSTEM OPERATION.*

To test the system, use the following steps:

1. On the Home Screen, press **SECURITY**.

2. On the Security Screen, press **MENU**.

3. On the Menu Screen, press **TOOLBOX**.

4. Enter the Master User Code to access the toolbox.

5. On the Toolbox Screen (1 of 3), press **SYSTEM TEST**.

Toolbox Screen 1

Sensor Test

When each sensor is tested, the Control Panel will beep and announce the sensor's name, a green bar will light on the display, and 1-5 signal bars will light to show the strength of that sensor's wireless signal.

✓ **NOTE:** *Start and stop test reports will be sent to the monitoring station.*

Sensor Test Screen

6. A list of all sensors will be displayed. Use the ↑ and ↓ arrows to scroll through the list.

7. Go to each sensor listed, and trigger it.

Panel Test Screen

   • For door or window sensors, open and close the door or window.

   • For motion detectors, stay out of the protected area for five minutes, then walk through the area.

   • For portable sensors and wireless keypads, press a button.

   • For smoke, CO, or glass break detectors, press the detector's test button.

   • When the green bar is displayed for a sensor, it has tested OK.

8. Press **OK** when all sensors have been tested. A confirmation screen will be displayed.

Panel Test

The panel test checks the Control Panel's indicators and sounder.

9. A list of panel tests will be displayed. Use the ↑ and ↓ arrows to scroll through the list.

10. Press each test button and answer **YES** or **NO** to the test question.

11. Press **OK** when all panel questions have been answered. A confirmation screen will be displayed. Press **OK** to exit testing. Press **BACK** when finished.

System Toolbox

Telephone Test

Your security system may be connected to your telephone line. The system can communicate with the Central Monitoring Station over your telephone line. Your system can send its alarm messages and system trouble or status messages using the land-based telephone system. 2-way audio communications with the Central Monitoring Station can also occur through the telephone connection.
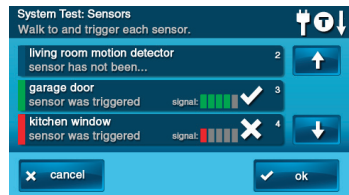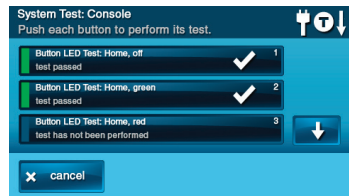
The system toolbox contains provisions for testing the telephone connection.

★ **IMPORTANT:** *TEST YOUR SECURITY SYSTEM WEEKLY TO ASSURE CONTINUED PROTECTION AND PROPER SYSTEM OPERATION.*

To test the telephone connection, use the following steps:

1. On the Home Screen, press **SECURITY**.

2. On the Security Screen, press **MENU**.

3. On the Menu Screen, press **TOOLBOX**.

4. Enter the Master User Code to access the toolbox.

5. Use the ← and → arrows to select Toolbox Screen (3 of 3).

6. On the Toolbox Screen (3 of 3), press **TELEPHONE TEST**.

7. Enter the Master User Code again to begin the test.

The system will display the test status screen. The top part of the screen shows each function that is being tested. Use the ↑ and ↓ arrows to scroll through the status messages. The bottom part of the screen shows the results of each test.

If any tests fail, note what messages were displayed, and contact your alarm installer. Your installer will be able to diagnose any possible issues with your system.

After the testing is complete, press **OK** to return to the Toolbox.
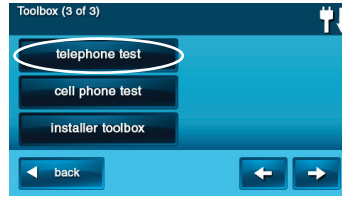
Toolbox Screen 3
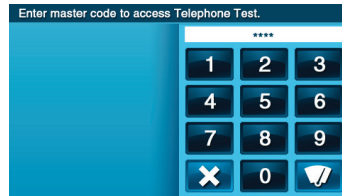
Telephone Test Code Entry
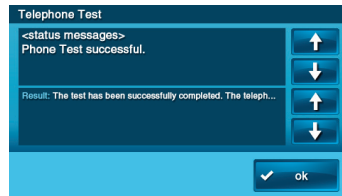
Telephone Test Status

Cell Phone Test

Your security system may be equipped with a built-in cellular radio. The cellular radio communicates between your security system and the Central Monitoring Station. Your system can send its alarm messages and system trouble or status messages over-the-air without using the land-based telephone system. The cellular radio also can receive messages and system updates from the Central Monitoring Station. Audio communications with the Central Monitoring Station can also occur through the optional cellular radio.

The system toolbox contains provisions for testing the cellular radio module inside your system.

★ **IMPORTANT:** *TEST YOUR SECURITY SYSTEM WEEKLY TO ASSURE CONTINUED PROTECTION AND PROPER SYSTEM OPERATION.*

To test the cellular radio, use the following steps:

1. On the Home Screen, press **SECURITY**.

2. On the Security Screen, press **MENU**.

3. On the Menu Screen, press **TOOLBOX**.

4. Enter the Master User Code to access the toolbox.

5. Use the ← and → arrows to select Toolbox Screen (3 of 3).

6. On the Toolbox Screen (3 of 3), press **CELL PHONE TEST**.

7. Enter the Master User Code again to begin the test.

The system will display the test status screen. The top part of the screen shows each function that is being tested. Use the ↑ and ↓ arrows to scroll through the status messages. The bottom part of the screen shows the results of each test.

If any tests fail, note what messages were displayed, and contact your alarm installer. Your installer will be able to diagnose any possible issues with your system.

After the testing is complete, press **OK** to return to the Toolbox.
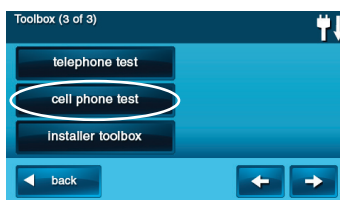
Toolbox Screen 3
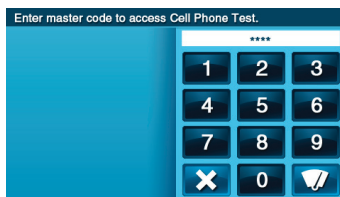
Cell Phone Test Code Entry
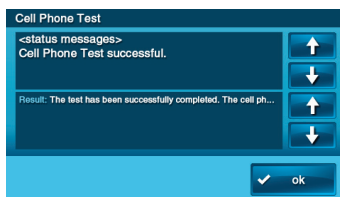
Cell Phone Test Status

System Toolbox

Chime Options

On doors and windows monitored by sensors, the system can sound a chime to announce that the door or window was opened. Sensors can also be set to have the Control Panel say the name of the opening. The chime and voice announcements only sound while the system is disarmed.

At the time of installation, the installer sets up each sensor's standard chime option. The person with the Master User Code can change the chime options for each sensor to further customize the system as desired.

✓ **NOTE:** *As a global system option, the chimes for all the system's sensors can be turned on or off using the* **CHIME** *check box on the Menu Screen.*

To setup the chime options individually for each sensor, use the following steps:

1. On the Home Screen, press **SECURITY**.

2. On the Security Screen, press **MENU**.

3. Note the two check boxes on the Menu Screen. The **CHIME** check box button turns the chimes on or off for all the system's sensors. The **VOICE** check box button turns the voice announcements for the system's messages on or off (except alarm voice messages).

4. On the Menu Screen, press **TOOLBOX**.

5. On the Toolbox Screen (1 of 3), press **CHIME SETUP**.

6. Enter the Master User Code to setup the chimes for the sensors.

7. The Chime Setup Screen will display each of the installed sensors that can chime and the option currently set for the sensor. Press the sensor button to change the sensor's chime options.

8. There are six chime options for each sensor. Check the option that you want for the sensor, then press **OK**.

CHIME OPTIONS
✓ Disabled
✓ Voice Only
✓ Voice with ding-dong #1
✓ Ding-dong #2
✓ Voice with ding-dong #2
✓ Ding-dong #1

9. Press **BACK** when finished.
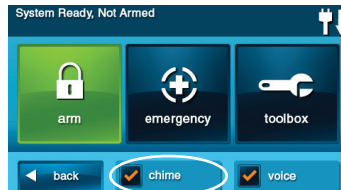
Menu Screen Global Chime Option Box
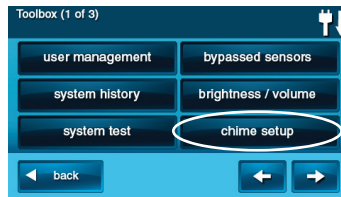
Toolbox Screen One

Chime Setup Screen

Chime Option Screen

Brightness / Volume

The brightness of the Control Panel's display and the volume of the system's speaker can be adjusted to best suit the installation.

To set the brightness and volume, use the following steps:

1. On the Home Screen, press **SECURITY**.

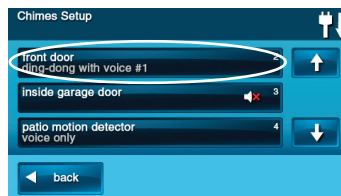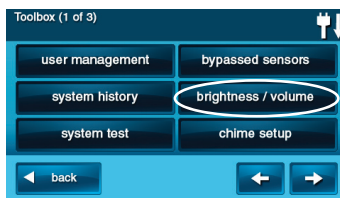2. On the Security Screen, press **MENU**.

3. On the Menu Screen, press **TOOLBOX**.

4. Enter the a valid User Code to access the toolbox.

5. On the Toolbox Screen (1 of 3), press **BRIGHTNESS / VOLUME**.

6. The top bar on the display sets the display brightness. The level can be adjusted from 1 to 12 using the buttons on each end of the bar.

7. The bottom bar on the display sets the speaker volume for the chimes and announcements. **This setting does not affect the alarm sounder volume.** The level can be adjusted from 1 to 12 using the buttons on each end of the bar.

8. When finished press **OK**.

Toolbox Screen One
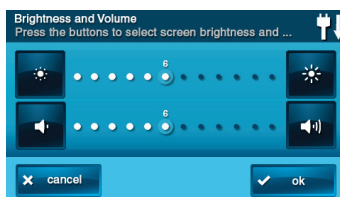
Brightness / Volume Screen

Backlight Timeout

The backlight timeout sets the length of time that the display stays lit after use. It can be adjusted to 30 seconds, 1, 2, 5, or 10 minutes, or to "always" to light the display at all times.

✓ **NOTE:** *To conserve the Control Panel's backup battery, during an AC power failure, the display will go dark after 30 seconds regardless of this setting.*

To set the display backlight time, use the following steps:

1. On the Home Screen, press **SECURITY**.

2. On the Security Screen, press **MENU**.

3. On the Menu Screen, press **TOOLBOX**.

4. Enter the a valid User Code to access the toolbox.

5. On Toolbox Screen (1 of 3), press the → arrow.

6. On the Toolbox Screen (2 of 3), press **BACKLIGHT TIMEOUT**.

7. Choose one of the display backlight times and press **OK**.
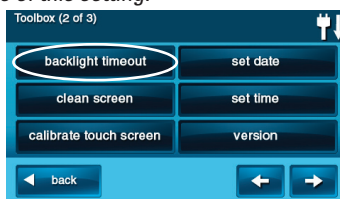
Toolbox Screen Two
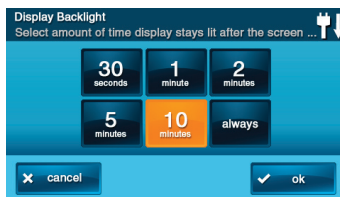
Backlight Timeout Screen

System Toolbox

Display Cleaning

There is a special option that allows the display to be cleaned. The option locks the display for 30 seconds so it can be cleaned without sensing any button presses. Clean the display with a dry, soft cloth.

To set the display for cleaning, use the following steps:

1. On the Home Screen, press **SECURITY**.

2. On the Security Screen, press **MENU**.

3. On the Menu Screen, press **TOOLBOX**.

4. Enter the a valid User Code to access the toolbox.

5. On Toolbox Screen (1 of 3), press the → arrow.

6. On the Toolbox Screen (2 of 3), press **CLEAN SCREEN**.

7. The Cleaning Screen will be displayed for 30 seconds. It will show the time remaining. Clean the screen during this time.

8. When the timer expires, the system will return to the Toolbox Screen.

Toolbox Screen Two
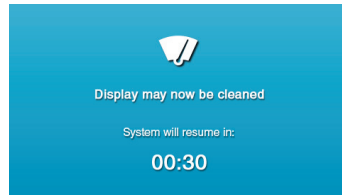
Display Cleaning Screen

Touch Screen Calibration

If the touch screen display buttons are not responding properly, use the display calibration option to reset the display.

To calibrate the display, use the following steps:

1. On the Home Screen, press **SECURITY**.

2. On the Security Screen, press **MENU**.

3. On the Menu Screen, press **TOOLBOX**.

4. Enter the a valid User Code to access the toolbox.

5. On Toolbox Screen (1 of 3), press the → arrow.

6. On the Toolbox Screen (2 of 3), press **CALIBRATE TOUCH-SCREEN**.

7. The display will show a cross on the screen. Touch the center of the cross. Repeat with the next two crosses displayed.

8. When calibration has been successful, a completion screen will be displayed. Press **OK** to finish. The system will return to the Toolbox Screen.
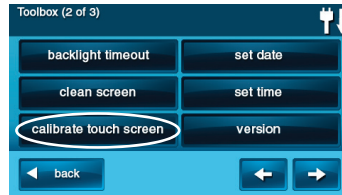
Toolbox Screen Two
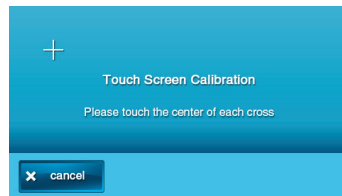
Display Calibration Screen

Set Date and Time

The Control Panel has a built-in clock and calendar. The time and date are displayed on the Home Screen. The time and date are also used for the system history and event logs that store data on system events. The installer can set the system to automatically adjust for daylight saving time if it's observed in your location.

✓ **NOTE:** *If the cellular radio module is installed in the Control Panel, the time and date will be automatically set through the cellular radio by the Central Monitoring Station.*

To set the date and time, use the following steps:

1. On the Home Screen, press **SECURITY**.
2. On the Security Screen, press **MENU**.
3. On the Menu Screen, press **TOOLBOX**.
4. Enter the a valid User Code to access the toolbox.
5. On Toolbox Screen (1 of 3), press the → arrow.
6. On the Toolbox Screen (2 of 3), press **SET DATE** or **SET TIME**.
7. Use the ↑ and ↓ arrows to set the current date or time. Press **OK**.
8. A confirmation screen showing the date and time set will be displayed. Press **OK**.

Set Date Screen
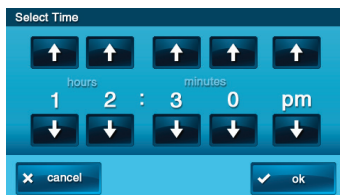
Set Time Screen

Display Version

The versions of the "firmware" installed in various parts of the system can be displayed for testing or troubleshooting by your installer.

To display the firmware versions, use the following steps:

1. On the Home Screen, press **SECURITY**.
2. On the Security Screen, press **MENU**.
3. On the Menu Screen, press **TOOLBOX**.
4. Enter the a valid User Code to access the toolbox.
5. On Toolbox Screen (1 of 3), press the → arrow.
6. On the Toolbox Screen (2 of 3), press **VERSION**.
7. Press **BACK** when finished.

Toolbox Screen Two

Firmware Version Display

Installer Set Options

The installer can set different options for the system to customize the installation. The options listed below show the regular settings and have an area or check box to note custom settings.

Siren Run Time

If there is a burglary, panic (police), or emergency alarm, the Control Panel will sound the siren for a preset time. After the time expires, the siren will stop sounding. (Auxiliary alarms run for an unlimited time.)

SIREN RUN TIME				
❏ 4 Minutes (regular setting)	❏ 8 Minutes	❏ 12 Minutes	❏ 16 Minutes	❏ Unlimited

Fire Horn Run Time

If there is a fire or carbon monoxide alarm, the Control Panel will sound the fire alarm horn for a preset time. After the time expires, the fire alarm horn will stop sounding.

FIRE HORN RUN TIME				
❏ 4 Minutes (regular setting)	❏ 8 Minutes	❏ 12 Minutes	❏ 16 Minutes	❏ Unlimited

Exit Delay

The Exit Delay begins immediately after arming the system. The delay gives you time to leave through the designated exit/entry door without setting off the alarm. During the Exit Delay beeps sound, and faster beeps sound during the last 10 seconds. (NOTE: Arming remotely does not start an Exit Delay).

EXIT DELAY		
❏ 60 Seconds (regular setting)	_____ Seconds	For _____ Door

Entry Delays

The Entry Delay begins when the designated entry/exit door is opened while the system is armed. The delay gives you time to disarm the system before triggering the alarm. **You must enter a User Code on the Control Panel or Wireless Keypad before the Entry Delay time expires.** During the Entry Delay, beeps sound to remind you to disarm the system.

The system supports two different Entry Delays. Entry Delay #1 is for your primary entrance door; Entry Delay #2 is for a secondary entrance (such as a garage door) and is usually set longer to give you time to get to the keypad and disarm the system.

ENTRY DELAY #1		
❏ 30 Seconds (regular setting)	_____ Seconds	For _____ Door

ENTRY DELAY #2		
❏ 45 Seconds (regular setting)	_____ Seconds	For _____ Door

24-Hour Emergency Functions

Three 24-hour emergency functions: PANIC, FIRE, and EMERGENCY can be activated by buttons on the Control Panel. The installer can set which emergency buttons on the Control Panel are active.

ACTIVE CONTROL PANEL EMERGENCY BUTTONS			
❑ Audible Panic	❑ Silent Panic	❑ Fire	❑ Emergency

Quick Arming

Quick Arming allows you to arm your system without having to enter a User Code. When you press the **STAY** or **AWAY** button, the system will start to arm without requesting a User Code.

QUICK ARMING	
❑ OFF	❑ ON (regular setting)

Quick Bypass

Normally sensors that are open at the time the system is armed will require force bypassing by entering your User Code. The system can be set so a User Code is not required to bypass open sensors when the system is armed.

QUICK BYPASS	
❑ OFF (regular setting)	❑ ON

Quick Exit

The Quick Exit option allows you to start the Exit Delay while the system is armed. This allows you to leave the premises without having to disarm and rearm the system. When the Quick Exit option is on, a **QUICK EXIT** button will display on the security screen. Press the button to start the Exit Delay. After Quick Exit, the system will fully re-arm in the mode that it was in before (Stay or Away Mode).

QUICK EXIT	
❑ OFF	❑ ON (regular setting)

Auto Un-bypass

Normally, sensors manually bypassed with the User Toolbox will automatically have their bypasses removed when the system is disarmed. The system can be set so sensors that have been manually bypassed will stay bypassed until the bypass is manually removed.

AUTO UN-BYPASS	
❑ OFF	❑ ON (regular setting)

Auto Stay

The Auto Stay option will change the arming mode if no one exits after arming the system in Away Mode. When the system is armed in the Away Mode the Exit Delay will begin. With the Auto Stay option on, if a designated exit/entry door **does not** open and close during the Exit Delay, the system will arm in the Stay Mode instead of the Away Mode.

AUTO STAY	
❑ OFF	❑ ON (regular setting)

Installer Set Options

Key Fob Arm/Disarm Sound

The system can be set so when it's armed or disarmed by a wireless key fob, a beep will sound through the internal and external sounders to indicate that the key fob's signal was received. This helps in installations where the Control Panel is not visible or there are no other system status indications at the key fob's location.

KEY FOB ARM/DISARM SOUND	
❑ OFF (regular setting)	❑ ON

Key Fob Disarm After Alarm Sound

The system can be set so when it's disarmed with a wireless key fob **after** an alarm has occurred, a special series of beeps will sound through the internal and external sounders. This option serves as a safety alert to warn you to approach the premises with caution as an intruder may still be present.

KEY FOB DISARM AFTER ALARM SOUND	
❑ OFF (regular setting)	❑ ON

★ **IMPORTANT:** *If you return to the premises and hear the special beeps when disarming with the key fob, USE CAUTION! The special beeps indicate that an alarm has occurred while you were gone. AN INTRUDER MAY STILL BE ON THE PREMISES. LEAVE IMMEDIATELY AND CONTACT THE POLICE FROM A SAFE LOCATION.*

Exit Delay Restart

The Exit Delay Restart option will extend the Exit Delay **one time** if you need to re-enter the premises. When the system is armed in the Away Mode or Stay Mode, the Exit Delay gives you time to leave without setting off the alarm. With the Exit Delay Restart option, re-entering the premises after you have left, **but before the Exit Delay timer expires**, will restart the Exit Delay timer, giving you the full length of time to leave again. The restart option only works once, each time the system is armed.

EXIT DELAY RESTART	
❑ ON (regular setting)	❑ OFF

Cancel Time

To limit responses to false alarms, a "cancel" message will be sent to the Central Monitoring Station if the system is disarmed within a preset period of time after an alarm is triggered. The alarm report is always sent, but it will be followed by a cancel report if you disarm the system within the preset time.

This option helps the Central Monitoring Station to determine whether you accidently caused the alarm or if the alarm report was caused by an intruder. It also lets the Central Station know that you have returned to the premises. Even if a cancel message is sent, the Central Station will verify the alarm and possibly dispatch help. The cancel message may be processed by the Central Station at a later time depending on system programming.

CANCEL TIME	
❑ 5 Minutes (regular setting)	_____ Minutes

Cancel Display

A "cancel" message will be sent to the Central Monitoring Station if the system is disarmed within a preset period of time after an alarm is triggered. The system can be set to display that a cancel report was sent, or for higher security, the system can be set not to display the cancel message.

CANCEL DISPLAY	
❏ ON (regular setting)	❏ OFF

Dialer Delay

If an alarm occurs, the system will delay dialing for a short time to allow you to disarm the system in case the alarm was accidentally tripped. The dialer delay reduces nuisance traffic to the Central Monitoring Station and can prevent receiving fines that many cities impose when police respond to a false alarm. Your installer also can program the system for no dialer delay.

✓ **NOTE:** *The dialer delay is also known as the "abort window". It gives you time to disarm, but doesn't delay the siren from sounding. Disarming during the abort window can display a cancel message depending on the Cancel Display setting (see above).*

DIALER DELAY	
❏ 30 Seconds (regular setting)	_____ Seconds

2-Way Voice

The system can connect with a Central Station operator so they can converse with people in the premises after an alarm. The 2-way voice option allows communication to and from the Control Panel and the Central Station. 2-way voice communications will occur after the system has made its alarm report. Your installer sets which sensors can trigger the 2-way voice option.

2-WAY VOICE	
❏ OFF	❏ ON (regular setting)

Telephone Remote Control Answer

Your installer selects whether your system supports the remote telephone option or not. If the telephone remote control answer option is turned on, the system will require calling it twice within 30 seconds for the Control Panel to answer the call. See the "Remote Control by Telephone" section of this manual.

TELEPHONE REMOTE CONTROL ANSWER	
❏ OFF	❏ ON (regular setting)

Regulatory Information

Wireless Product Notice

Radio controls provide a reliable communications link and fill an important need in portable wireless signaling; however, there are some limitations which must be observed.

- For U.S. installations only: The radios are required to comply with FCC Rules and Regulations as Part 15 devices. As such, they have limited transmitter power and therefore limited range.

- A receiver cannot respond to more than one transmitted signal at a time and may be blocked by radio signals that occur on or near their operating frequencies, regardless of code settings.

- Changes or modifications to the device may void FCC compliance.

- Infrequently used radio links should be tested regularly to protect against undetected interference or fault.

- A general knowledge of radio and its vagaries should be gained prior to acting as a wholesale distributor or dealer, and these facts should be communicated to the ultimate users.

FCC Part 15 Notice

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause 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:

- Relocate the Console away from the TV/radio receiver.

- Plug the Console into a different wall outlet so that the Console is on a different branch circuit.

- Re-orient the TV/radio antenna.

- If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions.

FCC Telephone Rules and Regulations

The FCC requires that this alarm dialer system not make more than 15 repetitive dialing attempts to a single telephone number. There are no limitations when the calls are made sequentially to two or more alternative numbers, or when these calls are spaced 10 minutes apart to a single number. The FCC Rules and Regulations do not specify the re-attempt period as this can vary for specific applications. When setting this period, take into consideration local, interstate, foreign and special network call completion characteristics, network processing time, a sufficient number of rings and busy/don't answer modes.

Regulatory Information

FCC Part 68 Notice

This equipment complies with Part 68 of the FCC rules and/or the requirements adopted by the Administrative Council for Terminal Attachments (ACTA). On the rear of this equipment is a label that contains, among other information, a telephone products identifier in the form FCC ID: EF4 ... or US: EF4 ... and ringer equivalence number (REN). If requested, this information must be provided to the telephone company.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements as adopted by the ACTA. If provided, a compliant telephone cord and modular plug is included with this product. The jacks and plugs are designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

A ringer equivalence number code (REN) is used to determine the quantity of devices that may be connected to the telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of the RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to the line, as determined by the total RENs, contact the telephone company to determine the maximum REN for the calling area. For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US: AAAEQ##TXXX. The digits represented by the ## are the REN without a decimal point (e.g., 03 is REN of 0.3). For earlier products, the REN is separately shown on the label.

If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice is not practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens, the telephone company will provide advance notice in order for you to make the necessary modifications in order to maintain uninterrupted service.

If trouble is experienced with this equipment, for repair and/or warranty information contact your installing alarm dealer for information or a return product authorization (RPA). If the trouble is causing harm to the telephone network, the telephone company may request you remove the equipment from the network until the problem is resolved. User repairs must not be made. Doing so voids warranty.

This equipment must not be used on telephone company provided public coin service. Connection to party lines is subject to state tariffs. Contact your state public utility commission for information. This equipment is hearing compatible (HAC) to any HAC compatible attached handset telephones.

Customer Premises Equipment and Wiring
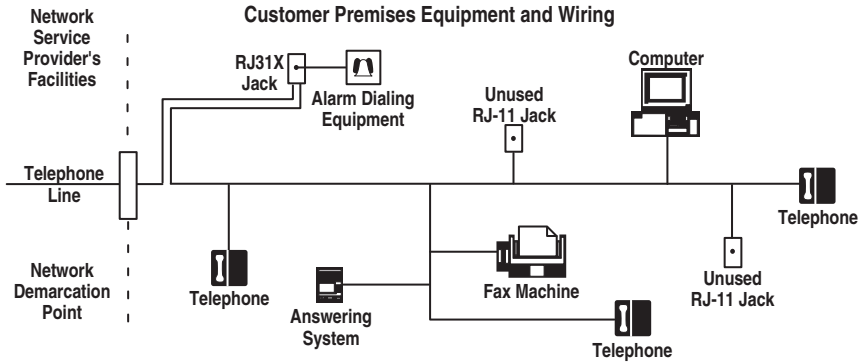
ALARM DIALING EQUIPMENT

If your home has specially wired alarm equipment connected to the telephone line, ensure that the installation of any other non-alarm devices does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

WHEN PROGRAMMING EMERGENCY NUMBERS OR MAKING TEST CALLS TO EMERGENCY NUMBERS

1. Remain on the line and briefly explain to the dispatcher the reason for the call.
2. Perform such activities in the off-peak hours, such as early mornings or later evenings.
3. Follow the central station operator's instructions for updated dialer programming, if re-programming of the dialer is required.

Regulatory Information

FCC Part 68 Notice (continued)

Alarm dialing equipment must be able to seize the telephone line and place a call in an emergency situation. It must be able to do this even if other equipment (telephone(s), answering system, computer modem, etc.) already has the telephone line in use. To do so, alarm dialing equipment must be connected to a properly installed RJ31X that is electrically in series with and ahead of all other equipment attached to the same telephone line. Proper installation is depicted in the figure on the previous page. If you have any questions concerning these instructions, you should consult your telephone company or a qualified installer about installing the RJ31X jack and alarm dialing equipment for you.

Alarm Installation Notes to Installer

For products equipped with an RJ31X jack the line seize feature shall be verified. Be certain the local telephone and incoming line connections are not reversed. These lines are not reversed if the alarm dialer can communicate with the central station.

New Services Notes to User

The installation and/or monitoring company shall be notified if new telephone service, e.g. DSL, is installed.

Industry Canada Notice (for Canadian users)

The Industry Canada (IC) label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements. The IC does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. In some cases, the company's inside wiring associated with a single line individual service may be extended by means of a certified connector assembly (telephone extension cord). The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

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.

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

The Load Number (LN) assigned to each terminal device denotes the percentage of the total load to be connected to a telephone loop which is used by the device to prevent overloading. The termination on a loop may consist of any combination of devices subject only to the requirement that the total of the Load Number of all the devices does not exceed 100.

The Ringer Equivalence Number (REN) is used to determine the quantity of devices that may be connected to the telephone line. Too many devices may result in some devices not ringing in response to an incoming call. In most, but not all areas, the sum of the REN's should not exceed five (5.0). To be certain of the number of devices that may be connected to the line, contact the telecommunications company to determine the maximum REN for the calling area.

Refer to the equipment label for the unit's load number or REN number

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.

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.

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.

Your local Alarm dealer is the person best qualified to service your alarm system. Be sure to set up a routine service schedule with your local Alarm installer. THIS EQUIPMENT MUST BE CHECKED BY A QUALIFIED TECHNICIAN AT LEAST EVERY THREE YEARS.

YOUR LOCAL ALARM INSTALLATION AND SERVICE PROFESSIONAL:

Important Power Supply Notice

The Control Panel is powered by a plug-in power supply. In case the power supply becomes unplugged, be sure to plug the power supply into an un-switched receptacle. Do not connect the power supply to a receptacle controlled by a switch.

Important Notice

Alarm System Limitations

This security system can not offer guaranteed protection against burglary, fire, or other emergencies. Any alarm system, whether commercial or residential, is subject to compromise or failure to warn for a variety of reasons. For example:

- Intruders may gain access through unprotected openings or have the technical sophistication to bypass an alarm sensor or disconnect an alarm warning device.

- Intrusion detectors (sensors) will not work without power. Battery operated devices will not work without batteries, with dead batteries, or if the batteries are not put in properly. Devices powered solely by AC will not work if their AC power supply is cut off for any reason, however briefly.

- Signals sent by wireless sensors may be blocked or reflected by metal before they reach the alarm Control Panel, even if the signal path has been recently checked during a weekly test. Blockage can occur if a metal object has been moved into the sensor's signal path.

- A user may not be able to reach a panic or emergency button quickly enough.

- While smoke detectors have played a key role in reducing residential fire deaths in the United States, they may not activate or provide early warning for a variety of reasons in as many as 35% of all fires, according to data published by the Federal Emergency Management Agency. Some of the reasons smoke detectors used in conjunction with this system may not work are where smoke cannot reach the detectors, such as in chimneys, in walls, or roofs, or on the other side of closed doors. Smoke detectors may have been improperly installed and positioned. Smoke detectors may not sense fires that start where smoke cannot reach the detectors, such as in chimneys, in walls, or roofs, or on the other side of closed doors. Smoke detectors also may not sense a fire on another level of a residence or building. A second floor detector, for example, may not sense a first floor or basement fire. Moreover, smoke detectors have sensing limitations. No smoke detector can sense every kind of fire every time. In general, detectors may not always warn about fires caused by carelessness and safety hazards like smoking in bed, violent explosions, escaping gas, improper storage of flammable materials, overloaded electrical circuits, children playing with matches, or arson. Depending upon the nature of the fire and/or the locations of the smoke detectors, the detector, even if it operates as anticipated, may not provide sufficient warning to allow all occupants to escape in time to prevent injury or death.

- Alarm warning devices such as sirens, bells or horns may not alert people or wake up sleepers if they are located on the other side of closed or partly open doors. If warning devices sound on a different level of the residence from the bedrooms, then they are less likely to waken or alert people inside the bedrooms. Even persons who are awake may not hear the warning if the alarm is muffled from a stereo, radio, air conditioner or other appliance, or by passing traffic. Finally, alarm warning devices, however loud, may not warn hearing-impaired people or awaken deep sleepers.

- Telephone lines needed to transmit alarm signals from a premises to a central monitoring station may be out of service or temporarily out of service. Telephone lines are also subject to compromise by sophisticated intruders.

- Even if the system responds to the emergency as intended, however, occupants may have insufficient time to protect themselves from the emergency situation. In the case of a monitored alarm system, authorities may not respond appropriately.

- This equipment, like other electrical devices, is subject to component failure. Even though this equipment is designed to last as long as ten years, the electronic components could fail at any time.

The most common cause of an alarm system not functioning when an intrusion or fire occurs is inadequate maintenance. This alarm system should be tested weekly to make sure the sensors are working properly.

Installing an alarm system may make one eligible for lower insurance rates, but an alarm system is not a substitute for insurance. Homeowners, property owners, and renters should continue to act prudently in protecting themselves and continue to insure their lives and property.

Limited Warranty

This 2gig Technologies Inc. product is warranted against defects in material and workmanship for twelve (12) months. **This warranty extends only to wholesale customers** who buy through 2gig Technologies Inc. authorized distribution channels. **2gig Technologies Inc. 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 Inc. 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, including implied warranties for merchantability and implied warranties for fitness, are valid only until the warranty expires. **This 2gig Technologies Inc. Warranty is in lieu of all other warranties express or implied.**

For warranty service call your local alarm installation and service professional at the contact information shown on the back cover of this User's Guide.

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2GIG TECHNOLOGIES

YOUR LOCAL ALARM INSTALLATION AND SERVICE PROFESSIONAL: