**GE Interlogix**

www.GE-InterlogixSecurity.com

Part No:
60-911
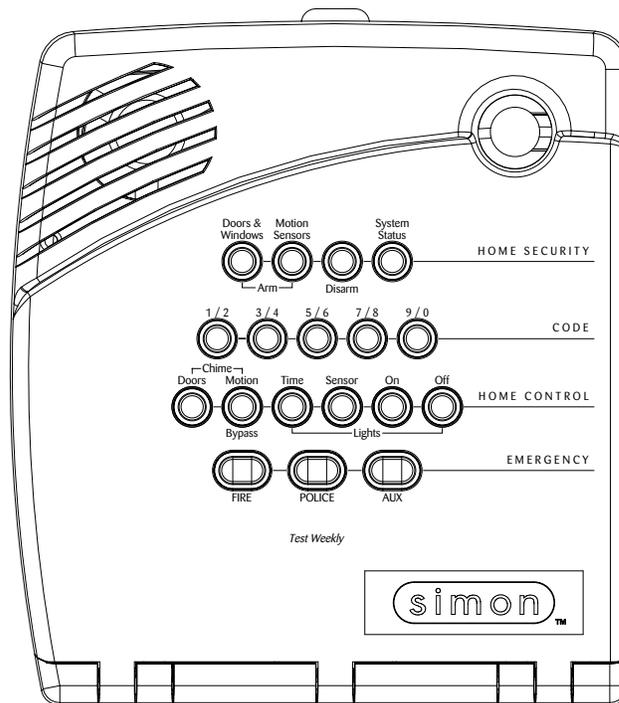
Euro Simon® Security System

User Guide

Declaration of Conformity

Manufacturer's Name & Address: GE Interlogix, Inc.
2266 North Second Street
North St. Paul, MN, USA
55109

EU Representative: Interlogix Europe & Africa
Excelsiorlaan 28
B-1930 Zaventem
Belgium

Product Identification
Product: Simon 3 Security Panels
Model Numbers: 60-911-010-4-IE, 60-911-011-4-IE, 60-911-010-4-IT, 60-911-011-4-IT
Brand: GE Interlogix

R&TTE Directive

See EMC and LVD tests below

EMC Directive

TUV Product Services & GE Interlogix
Reports: CEQP 60-911 Simon 3 Euro Rev. C

EN 50130-4 (1995), EN 61000-3-2 (1995), EN 61000-3-3 (1995), EN 55022 (1998), EN 300220-3 (2000)

LVD Directive

GE Interlogix
Report: CEQP 60-911 Simon 3 Euro Rev. C
EN 60950: 1999-4 3rd edition

Means of Conformity
We declare under our sole responsibility that this product is in conformity with Directive 1999/5/EC (R&TTE); Directive 73/23/EEC (LVD); and Directive 89/336/EEC (EMC) and based on test results using (non)-harmonized standards in accordance with the Directives mentioned.

Additional Tests: This equipment has been tested and found to comply with the following standards (which are no longer required for compliance).

Tested by
Interlogix
CTR21 (1998) +EG201 121 (1998)

TÜV
Report: TBR21/110501/01
TBR21

Network Compatibility Declaration

We declare under our sole responsibility that this product is designed to work with the networks in the countries marked with a check (✓) and may have networking problems with the countries that are not checked.

Due to the inherent differences in the individual PSTNs, certain software settings may need to be adjusted on a country to country basis. If it is desired to use this equipment on a network other than the one on which it was originally installed, you should contact your equipment supplier.

( ) Austria	( ) Denmark	( ) Germany	(✓) Ireland	( ) Luxembourg	( ) Poland	( ) Sweden
( ) Belgium	( ) Finland	( ) Greece	(✓) Italy	( ) Netherlands	( ) Portugal	( ) Switzerland
	( ) France	( ) Iceland	( ) Liechtenstein	( ) Norway	( ) Spain	(✓) United Kingdom

Telecom Approval Notice

This equipment has been approved in accordance with the Council Decision 98/482/EC for pan-European, single terminal connection to the public switched telephone network (PSTN). However, due to the differences between the individual PSTNs provided in different countries, the approval does not, of itself, give an unconditional assurance of successful operation on every PSTN network termination point. In the event of problems, you should contact your equipment supplier in the first instance.

Electrical Requirements

This device automatically adjusts to voltages within the range of 220 - 240 V 50 Hz.

Fuse: T 2A 250 VAC

Technical Service and Repair

If you experience trouble with this equipment, please contact your installer for service and repair information. Changes or modifications not expressly approved can void the user's authority to operate the equipment.

GE Interlogix

2266 Second Street North
North Saint Paul, MN 55109
Phone: 651-777-2690
USA & Canada: 800-777-2624
Technical Service: 800-777-2624

Contents

Trouble Beeps

Introduction to Your Security System

Your security system uses wireless technology to warn your family about intrusion and fire. It may also be used to control lights and appliances within your home. The system has the capabilities of communicating with a central monitoring station.

This manual describes how to operate your system. It will guide you through programming instructions for system features as well as basic arming and disarming commands for the system.
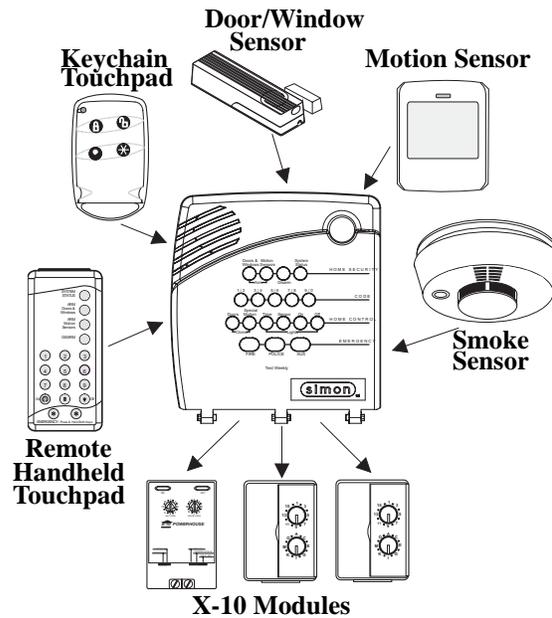
Security System Components

The security system uses devices called sensors that use radio waves to communicate alarms to the Control Panel (panel).

The system is supervised, meaning that the panel checks the status of each sensor to detect problems. If the panel detects trouble it will notify you with beeps and indicator lights on the panel itself.

Your security system installation may include any of the following devices:

Control Panel

The **Control Panel** is used to operate and program your security system. It communicates to you through voice messages, beeps, and by lighting or flashing buttons. The panel can communicate to a central monitoring station.

Touchpads

Remote Handheld Touchpads are used to control the security system primarily from within the home.

Keychain Touchpads are used to control the security system from within or near the outside of your home.

Sensors

Indoor Motion Sensors detect motion in a protected indoor area. When motion is detected the panel may respond by sounding chimes or an alarm.

Door/Window Sensors detect the opening of a door or window.

Smoke Sensors detect smoke and a significant rise in temperature. They have a built in siren that sounds when smoke or a significant rise in temperature is detected.

Modules

Appliance Modules can be programmed to turn appliances or fluorescent lights on and off.

Lamp Modules can be programmed to turn non-fluorescent lights on and off.

Universal Modules are primarily used for controlling devices other than appliances and lamps. Check with your installer for other applications.

How You Communicate to Your System

Sending commands or instructing your security system is done through key presses on the panel, touchpads, or through the use of a remote telephone.

Control Panel

You can enter commands for your security system through simple key presses on the panel. Depending on how your system is programmed, you may need to enter an access code for certain commands. An access code is a numeric code that allows authorization to operate your security system.

Some panels have the capability for 2-way communication**.** 2-Way is primarily used by the central monitoring station to monitor sounds and verbally communicate with a person inside the home. This feature is similar to a speaker phone feature on a phone.

Remote Handheld Touchpad

This touchpad gives you the option to enter commands from any room in your house. You can enter commands through simple key presses on the touchpad.

Keychain Touchpad

Keychain Touchpads are handy for simple arming, disarming and light control functions. They are portable and can be carried off-site in a purse or pocket

Telephone

Touchtone telephones can be used to communicate with your system while you are off-site. Ask your installer if you have this feature.

How to Use Your Control Panel

Note
It may be necessary to enter an access code to arm your system. Check with your installer to see if this feature is enabled.

The panel interface consists of four rows of buttons.

- HOME SECURITY
- CODE
- HOME CONTROL
- EMERGENCY

HOME SECURITY
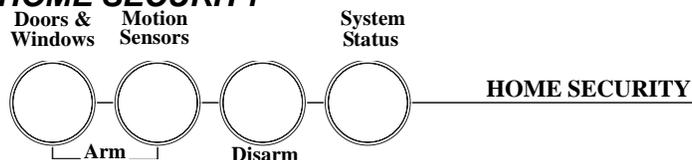
The Home Security buttons are used to arm and disarm doors, windows and motion sensors in your system. The System Status button is used to give information on system activity.

Arm

Turn on intrusion/burglary protection for your system. You can arm door/window sensors, motion sensors or both depending on the buttons you press.

Disarm

Turn off intrusion/burglary protection for your system. Only intrusion/burglary sensors such as doors/windows and motion are disarmed. Environmental sensors, such as smoke, stay armed at all times.

System Status

Press to hear information about your system. If the button is lit, there is a problem with the system. If the button is blinking, an alarm has occurred. Press the button to hear what is wrong with the system. (See "Status Beeps".)

Exit Delay

Exit Delay is the amount of time the system gives you to exit the home before the system is armed (between 5 and 254 seconds). This is programmed by the installer. When you arm you will hear beeps during the exit delay (see the table "Status Beeps" of this manual to determine the meaning of panel/system beeps).

Your Exit Delay is set for ___ seconds.

Entry Delay

Entry Delay is the amount of time the system gives you to disarm the system after entering the home (between 5 and 254 seconds). This is programmed by the installer. When you enter your home you will hear beeps during the entry delay (see the table "Status Beeps" of this manual to determine the meaning of panel/system beeps).

Your Entry Delay is set for ___ seconds.

Quick Exit

Note
The designated door may be opened and closed once. If you close the designated door behind you when you exit, you will have to disarm the system upon reentering. Leave the designated door open while using the Quick Exit feature.

The Quick Exit feature is used when someone wants to briefly leave while the home is still armed (i.e. get the newspaper). This feature needs to be enabled by your installer. When you press the **Disarm** button the panel will announce *exit time on.* This will allow a designated exit door to be open for up to 2 minutes without triggering an alarm.

Subdisarm

If your system includes 24-hour protection sensors on items such as gun or jewelry cases, you must subdisarm the panel before accessing these areas to avoid causing an alarm. Environmental sensors, such as smoke, stay armed at all times.

➢ **Arming Your System with Doors & Windows Closed**
1. Close all doors and windows.
2. Press **Arm Doors & Windows** button.
3. Enter Access Code (if needed).

Panel announces, *Doors and windows on,* **Arm Doors & Windows** light will be lit and the exit delay will begin.

➢ **Arming Your System with Doors or Windows Open (Indirect Bypassing)**
1. Close all doors and windows except the ones you wish to remain open.
2. Press **Arm Doors & Windows** button.
3. Enter Access Code (if needed).

Note
Any sensors that are bypassed by the system will NOT be protecting your home.

Panel announces any protected doors or windows that are open. Any sensors that are open when the system is armed will be bypassed after exit. **Arm Doors & Windows** light will be lit and the exit delay will begin.

➢ **Arming Your System with No Entry Delay**

1. Close all doors and windows.
2. Press **Arm Doors & Windows** button twice.
3. Enter Access Code (if needed).

Panel announces, *Doors and windows on, no entry delay.* **Arm Doors & Windows** light will blink and the exit delay will begin.

➢ Arm Motion Sensors

1. Press **Arm Motion Sensors** button once.
2. Enter access code (if needed).

Panel announces, *Motions on.* **Arm Motion Sensors** light will be lit and the exit delay will begin. This feature is most likely used when there is no one on the premises

➢ Activate Latchkey Feature

1. Press the **Arm Motion Sensors** button twice.
2. Enter Access Code (if needed).

Panel announces, *Motions on, Latchkey on.* **Arm Motion Sensors** light will blink and the exit delay will begin.

➢ Disarming Your System

1. Upon reentering your home the entry delay will begin.
2. Status beeps will sound.
3. Enter your access code using the **Code** buttons.

Panel announces, *System disarmed* and the **Disarm** light will be lit.

⚠
Warning

If you enter you home and you hear alarm sirens, or if controlled lights that should be off are on, an intruder may be inside or another emergency may have occurred. Leave immediately and call for help.

➢ Subdisarm Your System

1. Enter your Master Access Code while the system is disarmed.

Panel announces, *System disarmed.* **Disarm** button light blinks and the system is sub-disarmed. When you've finished accessing the protected areas, press the **Disarm** button again. Panel announces, *System disarmed.* **Disarm** button light stops blinking. System is in Disarm mode.

If You Never Leave After Arming

Your panel can be programmed to recognize that you never left the premises. If you press the **Arm Doors & Windows** button and the **Arm Motion Sensors** button but don't exit before the exit delay expires, the panel will not arm the motion sensors. Check with your installer to find out if this feature is enabled for your panel.

If You Forgot Something After Arming

Your panel can be programmed to recognize when you leave the premises then quickly reenter. The panel will restart the exit delay to give you time to collect your things and leave again. You must leave before the exit delay expires or disarm the system. Ask your installer if this feature is enabled for your system.

Arming When the Panel Battery is Low

Your panel may be programmed so that you cannot arm the system if the panel battery is low. Ask your installer if this feature is enabled for your system.

CODE

```
  1 / 2     3 / 4     5 / 6     7 / 8     9 / 0
   ( )       ( )       ( )       ( )       ( ) ————————————— C O D E
```
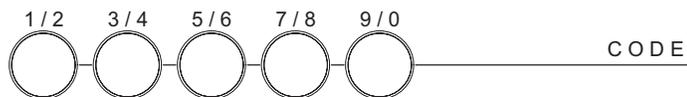
There are 5 **CODE** buttons located in the second row of the panel. Each button represents 2 numbers. The left **CODE** button is **1/2**, which means that this button is pressed when entering either 1 or 2. For example, if your access code is **1-2-3-4** you must press the **1/2** button twice and the **3/4** button twice to enter that access code. Access code lengths need to be between 3 and 6 digits.

HOME CONTROL

```
            ┌─Chime─┐
  Doors    Motion    Time    Sensor    On      Off
   ( )       ( )      ( )       ( )     ( )     ( ) ————————— HOME CONTROL
           Bypass          └──── Lights ────┘
```
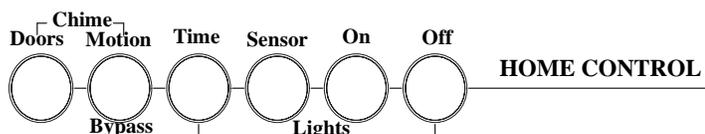
The Home Control buttons are used to monitor activity within and around the home. They are not used for intrusion protection. If any of the Home Control buttons are pressed and a sensor or module is not associated (programmed) with this feature the panel will announce, *Function not available*.

Chime Doors

Chime Doors is used to signal (chime) when a protected door is opened while the system is disarmed. The panel will announce the door that has been tripped and chime twice (ask your installer how this feature is programmed). This is a nice feature to use if you're busy in one part of your home and you want to know when family members are going in and out of your home.

➢ **Turn Chime Doors on:**

1. System must be disarmed. Press **Chime Doors** button**.**

Panel will announce, *Chime on.* **Chime Doors** button will be lit.

➢ **Turn Chime Doors off:**

1. Press Chime Doors button

Panel will announce, *Chime off.* **Chime Doors** button no longer lit

Chime Special Motion

This is used to detect movement within a specific area. These Motion Sensors are not used for intrusion protection. The panel will chime three times and announce (see Option 41) the sensor that has been tripped. Use the same panel procedures as **Chime Doors,** except, with the **Chime Special Motion** button.

If you have Motion Sensors located in areas such as in a patio area or at the front door and you want to know when someone is approaching these areas, you would use this feature.

Direct Bypassing

Note
You can only use this feature if there is a Bypass button on your panel and there are no Special Motion Chime sensors in your system.

Direct Bypassing refers to turning off (bypassing) certain sensors while the system is armed.

1. Press the **Bypass** button until you reach the sensor to be bypassed (sensor must currently be unbypassed).
2. Enter Master Code

Direct Unbypassing

Direct Unbypassing refers to turning on (unbypassing) certain sensors while the system is armed.

1. Press the **Bypass** button until you reach the sensor to be unbypassed (sensor must currently be bypassed).
2. Enter Master Code. **OR** Change arming level.

Time Activated Lights

Turn on designated lights (with Lamp Modules) at a specific time. You can program what time the lights go on and off (see Programming - Light Control).

➢ **Turn Time Activated Lights on:**

1. Press **Time Lights** button.

Panel will announce, *time activated light on*. **Time Lights** button will be lit.

➢ **Turn Time Activated Lights off:**

1. Press **Time Lights** button**.**

Panel will announce, *time activated light off*. **Time Lights** button no longer lit.

Sensor Activated Lights

Turn on designated lights (with Lamp Modules) when a sensor is tripped. You can program lockout times when Sensor Activated Lights won't be active (see Programming Options 36 and 37).

➢ **Turn Sensor Activated Lights On:**

1. System must be disarmed. Press **Sensor Lights** button.

Panel will announce, *sensor activated lights on*. **Sensor Lights** button will be lit.

➢ **Turn Sensor Activated Lights Off:**

1. Press **Sensor Lights** button**.**

Panel will announce, *sensor activated lights off*. **Sensor Lights** button no longer lit.

Lights On

Turns on lights that are controlled by Lamp Modules.

1. Press **Lights On** button twice.

Panel announce, *Lights on*. **Lights On** button will NOT be lit.

Lights Off

Turns off lights that are controlled by Lamp Modules.

1. Press **Lights Off** button twice.

Panel announces, *Lights off*. **Lights Off** button will NOT be lit

Silent Exit

This feature silences the status beeps that accompany the exit delay (see Status Beeps). Press **Chime Doors** after you arm the system to silence status beeps. The panel will still beep at the beginning and end of the exit delay.

EMERGENCY

FIRE   POLICE   AUX   EMERGENCY
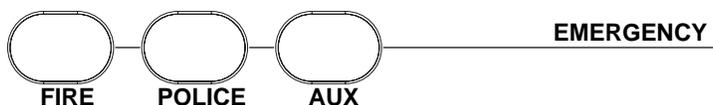
Press **FIRE, POLICE,** or **AUX** for 2 seconds (or press twice quickly) to call the central monitoring station and notify them of a non-medical call for help.

How Your System Communicates to You

Your system responds to you through the use of panel voice messages, status beeps, alarms, and panel indicator lights.

Panel Voice Messages

When you press the buttons on the panel or the touchpads, the panel responds with voice messages. Panel voice can be enabled or disabled (see "Options").

These messages may respond with system information or prompt you to take further action. For example, if you want to disarm the system and you press the **DISARM** button, the panel responds by announcing, *"Please enter your access code."*

If you press a button and the feature has not been programmed, the panel voice will respond with *"Function not available."* An example of this would be pressing **CHIME Special Motion** button when you have no motion sensors in your system.

Note
The panel will not give voice messages during an AVM session. Talk to your security system dealer to see if your panel has the AVM option.

Note You may receive a different number of status beeps if buttons are pressed quickly.

Status Beeps

Status beeps are used to indicate key presses, status, and problems with the system. They can be enabled or disabled (see "Options"). The following table describes status beep activity.

Status Beeps

Activity	Beep Response
ARM Doors & Windows	**Exit delay** and **Entry delay** beeps sound 2 times every 5 seconds and 2 times per second during the last 10 seconds (if Silent Exit is used, the Exit delay beeps will only sound twice when you arm and twice when the Exit delay expires)
ARM Motion Sensors	**Exit delay** and **Entry delay** beeps sound 3 times every 5 seconds and 3 times per second during the last 10 seconds (if Silent Exit is used, the Exit delay beeps will only sound 3 times when you arm and 3 times when the Exit delay expires)
ARM Doors/Windows & Motion Sensors	**Exit delay** and **Entry delay** beeps sound 4 times every 5 seconds and 4 times per second during the last 10 seconds (if Silent Exit is used, the Exit delay beeps will only sound 4 times when you arm and 4 times when the Exit delay expires)
DISARM	1 beep
CHIME DOORS	2 beeps (feature must be programmed by installer)
CHIME SPECIAL MOTION	3 beeps (feature must be programmed by installer)
Trouble Beeps	6 beeps every minute. Press the SYSTEM STATUS button to stop beeps for 4 hours
No Activity Beeps	20 beeps every minute for 5 minutes (feature must be programmed by the installer)

Alarm Sirens and Lamp Modules

Exterior and interior sirens make 3 different alarm sounds on the premises, each indicating a different type of alarm. Sirens are programmed by the installer to time-out and stop sounding after a specified time.

Use the following table to understand the siren sounds used by the security system. Temporal 3 refers to a continuous pattern of 3 siren pulses then off for 2 seconds, 3 siren pulses then off for 2 second.

Alarm Sirens and Lamp Modules

Alarm Type	Interior Siren Sound	Exterior Siren Sound	Lights
Fire	Temporal 3	Temporal 3	Turn on
Intrusion	On steady	On steady	Flash
Emergency	Fast on-off	_____	Turn on

Panel Indicator Lights

Use the following table to understand the panel indicator lights.

Panel Indicator Lights

Button	When the Button Light is On	When the Button Flashes
Arm Doors & Windows	Doors/Windows armed	Doors/Windows armed & No Entry Delay on
Arm Motion Sensors	Motion Sensors armed	Motion Sensors armed & Latchkey on
Disarm	System disarmed	System subdisarmed
System Status	System trouble or Open Sensor	System in alarm
Chime Doors	Door will cause chime	_____
Chime Special Motion	Motion will cause chime	_____
Time Lights	Time activated lights on	_____
Sensor Lights	Sensor activated lights on	_____

Canceling and Preventing Accidental Alarms

One of the biggest concerns you might have regarding your security system, is causing an accidental alarm. Most accidental alarms occur when leaving the residence after arming the system, or, before disarming the system upon your return.

Canceling Accidental Alarms

You may have up to 254 seconds (programmable by your installer) to cancel an accidental alarm. See your installer to find out what time is programmed. If the programmed time has passed, you must call the central monitoring station to cancel the alarm.

You have ___ seconds to cancel an accidental alarm.

To cancel an accidental alarm before the programmed dialer delay time expires, enter your access code.

Guidelines for Preventing Accidental Alarms

The following guidelines will go a long way toward preventing accidental alarms.

• Close doors and widows before you leave your house.

• Gather your belongings, so you can exit immediately after arming the system.

• Always enter and exit within the programmed delay times.

• Make sure you leave through a door that has a delay time set for it.

- Disarm your system immediately upon returning home.
- Be aware of the devices in your security system and learn how each one operates.
- If you have pets, ask your installer if you need pet lenses in your motion detectors.
- Check the location of your smoke detectors. Smoke detectors near bathrooms and kitchens can be tripped by steam and smoke from cooking.
- Take note of system beeps, voice announcements and indicator lights which indicate the current system status.

How to Use an Off-Site Phone

You may use an off-site phone to arm/disarm your panel, turn lights on and off, check system status, or conduct an audio session (ask your installer if you have this feature).

➢ **How to gain access to the Control Panel:**

1. Call the panel and let the phone ring twice then hang up.
2. Wait at least 10 seconds and call the panel again. You may wait up to 40 seconds before calling again.
3. The panel should answer on the first ring. You won't hear any prompt when the system answers.
4. Press the * button on your telephone and you will hear *system activated*.

At this point you may perform the actions listed in the following table of phone commands. CODE refers to the master and access codes programmed into your system.

Phone Commands

Panel Function	Phone Command
DISARM	* + CODE + 1
ARM Doors/Windows	* + CODE + 2
ARM Doors/Windows with No Entry Delay	* + CODE + 2 + 2
ARM Motions	* + CODE +3
ARM Motions with Latchkey	* + CODE + 3 + 3
ARM Doors/Windows and Motions	* + CODE + 2 + 3
ARM Doors/Windows with No Entry Delay and Motions with Latchkey	* + CODE + 2 + 2 + 3 + 3
Lights On/Off	* + CODE + 0
System Status	* + CODE + # + 1
Hang Up	* + CODE + 9

If you are interactive with your panel and the panel hangs up on you, the system is calling in a report to the central monitoring station due to an action made by you or someone at the security system site.

How to Use Your Touchpads

Touchpads are used to control the security system from any location within or near your home.

Remote Handheld Touchpad

Interfacing with the system using a Remote Handheld Touchpad is similar to using the panel.
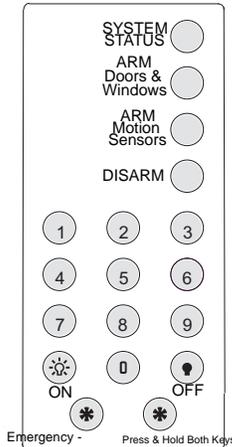
System Status

Press **System Status** once to hear information about your system from the panel. See "Status Beeps".

ARM Doors & Windows

Press **Arm Doors & Windows** button once to turn the security system protection on for all protected doors and windows.

Press twice to eliminate the pre-programmed entry delay.

ARM Motion Sensors

Press **Arm Motion Sensors** button once to turn protection on for all Motion Sensors. Use when no one is home. This is usually used in combination with ARM Doors & Windows. Press twice to activate the Latchkey feature.

Disarm

Press **Disarm** button once and enter your access code using the NUMERIC buttons to turn security protection off.

Subdisarm

Enter your master access code using the NUMERIC buttons while the system is disarmed. Panel will announce, *system disarmed.* The **Disarm** button on the panel will begin to blink.

Emergency

Press both **EMERGENCY** buttons for 3 seconds to cause the system to call a central monitoring station to report a non-medical emergency.
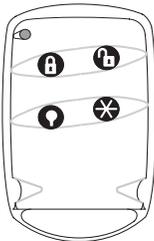
Keychain Touchpad

If your installer programmed the Keychain Touchpad with no entry delay, and you armed the system with the Keychain Touchpad, you must disarm your system before entering the home to avoid causing an alarm.

If your installer programmed your system for Remote Touchpad Arming, you must enter your home to start the entry delay before you can use your Keychain Touchpad to disarm the system.

To avoid causing false alarms, check with your installer on how your touchpad options are programmed.

Warning

LOCK Press once to arm doors and windows.

LOCK Press twice to arm doors, windows, and Motion Sensors.

LOCK Press 3 times to arm doors, windows, Motion Sensors, and to activate the Latchkey option.

LOCK and **UNLOCK**

Press both buttons simultaneously for 3 seconds to send a panic (intrusion, silent, or non-medical emergency) alarm to the central monitoring station.

Panic alarms need to be silenced from the panel, a remote handheld touchpad or another keychain touchpad. They cannot be silenced from the same keychain that activated the alarm.

UNLOCK Press to disarm your security system.

STAR Can be programmed to control a device connected to a universal module.

Programming Your System

The programming decals are visible when you open the panel cover (see below). These decals are designed to make system programming easier for you. Always begin by entering your access code. Then, choose an operation from the **START MENU**. Follow the voice prompts and flow arrows to complete the desired task. Notice the button flow diagrams following the **Instruction Summary.**

1. Press Down

2. Open Cover
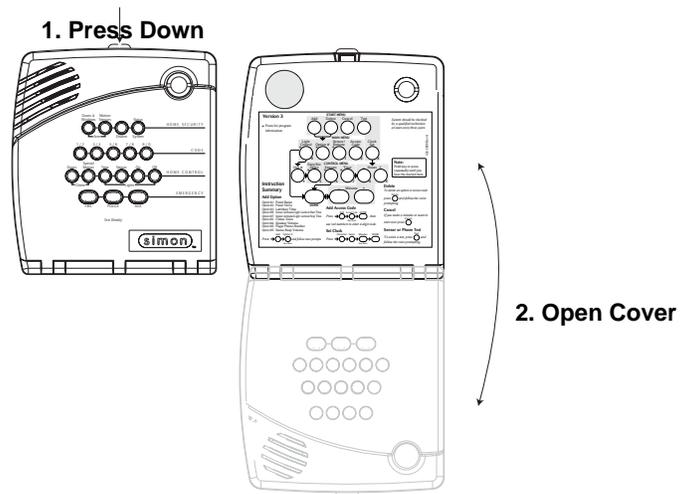
Programming Instructions

Use the following instructions to access the programming buttons and programming decals.

1. System must be disarmed. **Open the Panel Cover** by pressing the plastic latch on the top of the panel. When you open the cover you will immediately be prompted by the panel voice to use the numbered keys to enter your ID.
2. **Enter the Master Access Code**.
3. The system voice will prompt you to begin with the **START MENU**.

The **START MENU** includes the following buttons:

*   Add
*   Delete
*   Cancel
*   Test
*   Clock Set

Press the appropriate button.

Note
The Master access code is 1-2-3-4 when the panel is shipped. You should change your Master Access Code after your system is installed (see "Access Code").

4. After pressing a button on the **START MENU** the system voice will prompt you to use the **MAIN MENU.**

The **MAIN MENU** includes the following buttons:

- Light Control
- Option #
- Sensor/Remote
- Access Code

Press the appropriate button. Depending on the button you pressed, the system will prompt you to continue by pressing other buttons on the panel.

Access Codes

Note
Codes are always needed to disarm the system. Depending on the panel configuration, codes may be needed to arm the system.

Note
Because different codes can be entered using the same button presses you have to use caution when programming the panic code. You need to ensure that the panic code does not use the same button presses as other access codes. For example if the master code is 1234, do not program the panic code to be 2244. The panel would interpret these codes to be the same code.

Your security system has a master access code, access codes 1-5, and a panic code used for arming and disarming the panel. The master code is used for disarming and programming your system. Access codes 1-5 are generally used for children or as temporary codes for a baby-sitter or service personnel. The panic code may be entered to arm, disarm or subdisarm the system in a non-medical emergency situation. The panel will call the central station with a panic alarm report, but there will be no indication of an alarm at the panel.

Your system may be set up so that the master code or an access code is required when arming. If so, the panel will prompt you to enter a code when you attempt to arm the system.

➢ **How to change an Access Code:**

Add Access Code

Press → ○ → ○ → ○ , *then use red numbers*
       Add   Code   DONE

1. **Open the cover** of the panel.

2. The panel voice prompts you to *Use numbered keys to enter ID.* **Enter your master access code** using the numbered keys.
3. The panel voice prompts you to *Please select from START MENU.* **Press the Add button** on the START MENU.
4. The panel voice prompts you to *Select from MAIN MENU.* **Press the Access Code button** on the MAIN MENU.
5. The panel voice responds with *Master Code, press again for next access code or DONE to select or press CANCEL to quit.* Press the access code button again to hear the next access code. When you hear the access code you wish to change **press the DONE Button.**
6. **Enter 3-6 new numbers** using the numbered keys. (Access Code length is programmed by the installer.)
7. **Close the panel cover**.

➢ **How to Delete an Access Code:**

Delete Access Code

Press → ◯ → ◯ → ◯
Delete   **Access Code**   DONE

1. **Open the cover** of the panel.
2. The panel voice prompts you to *Use numbered keys to enter ID.* **Enter your master access code** using the numbered keys.
3. The panel voice prompts you to *Please select from START MENU.* **Press the Delete button** on the START MENU.
4. The panel voice prompts you to *Select from MAIN MENU.* **Press the Access Code button** on the MAIN MENU.
5. The panel voice responds with *Access Code 1, press again for next access code or DONE to select or press CANCEL to quit.* Press the access code button again to hear the next access code. When you hear the access code you wish to delete, **press the DONE Button.** The panel voice responds with *Access Code X deleted*.
6. **Close the panel cover**.

Light Control

You system has the ability to control lights from the panel. A specific light or group of lights can be programmed to turn on and off at designated times.

House Code

Refers to a group of lights that can be controlled from the panel.

Unit Number

Refers to a specific light within a house code.

➢ **How to set time for light control:**

1. **Open the cover** of the panel.
2. The panel voice prompts you to *Use numbered keys to enter ID.* **Enter your master access code** using the numbered keys.
3. The panel voice prompts you to *Please select from START MENU.* **Press the Add button** on the START MENU.
4. The panel voice prompts you to *Select from MAIN MENU.* **Press the Light Control button** on the MAIN MENU.
5. The panel voice responds with *House Code is *, press again to change or press unit number.* This is the House Code that was set by your installer. Don't change it. **Press the Unit # button.**
6. The panel responds with *Unit #1 press again to change or select from control menu.* Keep pressing the **Unit # button** until the correct unit is selected.
7. Press the **Time button** on the control menu. The panel voice prompts you, *On time is **** to change press hours and minutes then press done.*
8. Press the **Hours and Minutes buttons** to set the correct on time.

9. Press **Done.** Panel will announce, *Off time is **** to change press hours and minutes then press done.*
10. Press the **Hours and Minutes buttons** to set the correct off time.
11. Press **Done.** Panel will announce the unit number with the on and off times you just programmed.

Programming Options

The following table is a list of options you can change.

Programming Options

Option #	Add	Delete
01 - Panel Beeps	On	Off
02 - Panel Voice	On	Off
36 - Sensor Activated Light Lockout Start Time	12:00 am (midnight) to 11:59 pm	Off
37 - Sensor Activated Light Lockout Stop Time	12:00 am (midnight) to 11:59 pm	Off
41 - Chime Voice	On	Off
42 - Speaker Volume	1 - 8	8 (highest)
55 - Status Beep Volume	1 - 10	7

Press **Add** in the **START MENU** and follow the voice prompts to turn an option on.

Press **Delete** in the **START MENU** to turn an option off.

When entering a single digit option number (1-9), you must type a zero before the number (i.e. 01, 02, ...). All option numbers must be 2 digits.

Option 01 - Status Beeps

Add this option to enable panel beeps. Status beeps are any beeps (including chime beeps) that come from the panel. See "Status Beeps".

1. Open panel cover. Panel announces, *Use numbered keys to enter ID.*
2. Enter Access Code using the numbered keys. Panel announces, *Please select from Start Menu.*
3. Press **Add** from the Start menu. Panel announces, *Select from main menu.*
4. Press **Option #**. Panel announces, *Option 1, press again for next option or done to select*
5. Press **DONE**. Panel announces, *Option 1 is on.*

Delete turns off panel piezo beeps.

1. Open panel cover. Panel announces, *Use numbered keys to enter ID.*
2. Enter Access Code using the numbered keys. Panel announces, *Please select from Start Menu.*
3. Press **Delete** from the Start menu. Panel announces, *Select from main menu.*
4. Press **Option #**. Panel announces, *Option 1, press again for next option or done to select.*
5. Press **DONE**. Panel announces, *Option 1 deleted.*

Option 02 - Panel Voice

Panel Voice may be disabled, except for status messages, open sensor responses, and when in program mode.

Add enables the panel voice.

1. Open panel cover. Panel announces, *Use numbered keys to enter ID.*

2. Enter Access Code using the numbered keys. Panel announces, *Please select from Start Menu.*
3. Press **Add** from the Start menu. Panel announces, *Select from main menu*
4. Press **Option #.** Panel announces, *Option 1, press again for next option or done to select.*
5. Press **02**. Panel announces, *Option 2, press again for next option or done to select*
6. Press **DONE**. Panel announces, *Option 2 is on.*

Delete disables the panel voice.

1. Open panel cover. Panel announces, *Use numbered keys to enter ID.*
2. Enter Access Code using the numbered keys. Panel announces, *Please select from Start Menu.*
3. Press **Delete** from the Start menu. Panel announces, *Select from main menu*
4. Press **Option #**. Panel announces, *Option 1, press again for next option or done to select.*
5. Press **02.** Panel announces, *Option 2 press again for next option or done to select.*
6. Press **DONE**. Panel announces, *Option 2 deleted.*

Option 36 and 37- Sensor Activated Light Lockout Start and Stop Times

Adding these options lets you control when sensor activated lights are active. The panel will not turn on a light between the programmed start time (option 36) and the programmed stop time (option 37), even if sensor activated lights are on. **Both options must be programmed for this option to work correctly**.

For example, if you don't want sensor activated lights to be active during daylight hours, set the lockout start time to begin at dawn and set the stop time (option 37) to coincide with sunset.

Option 36: Sensor Activated Light Lockout Start Time

Add enables sensor activated light lockout start time (midnight to 11:59 P.M.).

1. Open panel cover. Panel announces, *Use numbered keys to enter ID.*
2. Enter Access Code using the numbered keys. Panel announces, *Please select from Start Menu.*
3. Press **Add** from the Start menu. Panel announces, *Select from main menu*
4. Press **Option #**. Panel announces, *Option 1, press again for next option or done to select.*
5. Press **36**. Panel announces, *Option 36, press again for next option or set hours and minutes, then press done.*
6. Press **Hours** and **Minutes** to set the time.
7. Press **DONE**. Panel announces the time that has been set.

Delete disables sensor activated light lockout start time. The panel will turn on a light activated by a sensor, if sensor activated lights are enabled.

1. Open panel cover. Panel announces, *Use numbered keys to enter ID.*
2. Enter Access Code using the numbered keys. Panel announces, *Please select from Start Menu.*
3. Press **Delete** from the Start menu. Panel announces, *Select from main menu*
4. Press **Option #**. Panel announces, *Option 1, press again for next option or done to select.*
5. Press **36**. Panel announces, *Option 36, press again for next option or done to delete.*
6. Press **DONE**. Panel announces, *Option 36 deleted.*

Option 37: Sensor Activated Light Lockout Stop Time

Add enables sensor activated light lockout stop time (midnight to 11:59 P.M.).

1. Open panel cover. Panel announces, *Use numbered keys to enter ID.*

2. Enter Access Code using the numbered keys. Panel announces, *Please select from Start Menu.*
3. Press **Add** from the Start menu. Panel announces, *Select from main menu*
4. Press **Option #**. Panel announces, *Option 1, press again for next option or done to select.*
5. Press **37.** Panel announces, *Option 37, press again for next option or set hours and minutes, then press done.*
6. Press **Hours** and **Minutes** to set the time.
7. Press **DONE**. Panel announces the time that has been set.

Delete disables sensor activated light lockout stop time. The panel will turn on a light activated by a sensor at all times if sensor activated lights are enabled.

1. Open panel cover. Panel announces, *Use numbered keys to enter ID.*
2. Enter Access Code using the numbered keys. Panel announces, *Please select from Start Menu.*
3. Press **Delete** from the Start menu. Panel announces, *Select from main menu*
4. Press **Option #**. Panel announces, *Option 1, press again for next option or done to select.*
5. Press **37.** *Option 37, press again for next option or done to delete.*
6. Press **DONE**. Panel announces, *Option 37 deleted.*

Option 41 - Voice Chime

The panel will verbally announce which chime sensor has been tripped if the chime feature is on.

Add enables chime voice.

1. Open panel cover. Panel announces, *Use numbered keys to enter ID.*
2. Enter Access Code using the numbered keys. Panel announces, *Please select from Start Menu.*
3. Press **Add** from the Start menu. Panel announces, *Select from main menu*
4. Press **Option #**. Panel announces, *Option 1, press again for next option or done to select.*
5. Press **41.** Panel announces, *Option 41, press again for next option or done to select*
6. Press **DONE**. Panel announces, *Option 41 is on.*

Delete disables chime voice. The panel will not announce which chime sensor has been tripped but will still chime 2 times for doors and 3 times for motion sensors when a given sensor is tripped.

1. Open panel cover. Panel announces, *Use numbered keys to enter ID.*
2. Enter Access Code using the numbered keys. Panel announces, *Please select from Start Menu.*
3. Press **Delete** from the Start menu. Panel announces, *Select from main menu*
4. Press **Option #**. Panel announces, *Option 1, press again for next option or done to select.*
5. Press **41.** Panel announces, *Option 41, press again for next option or done to delete*
6. Press **DONE**. Panel announces, *Option 41 deleted.*

Option 42 - Speaker Level

When this option is turned on you can set the panel speaker level from 1 (the lowest voice level) to 8 (the highest voice level). When you turn this option off, the speaker level is set to 8 (the highest voice level).

Add allows you to set the speaker level from 1-8.

1. Open panel cover. Panel announces, *Use numbered keys to enter ID.*
2. Enter Access Code using the numbered keys. Panel announces, *Please select from Start Menu.*
3. Press **Add** from the Start menu. Panel announces, *Select from main menu*
4. Press **Option #**. Panel announces, *Option 1, press again for next option or done to select.*

5. Press **42.** Panel announces, *Option 42, press again for next option or use numbered keys to enter option.*
6. Enter the voice level (1 - 8) with the numbered keys.
7. Panel announces the speaker level that has been selected

Delete sets the speaker level to 8 (the highest voice level).

1. Open panel cover. Panel announces, *Use numbered keys to enter ID.*
2. Enter Access Code using the numbered keys. Panel announces, *Please select from Start Menu.*
3. Press **Delete** from the Start menu. Panel announces, *Select from main menu*
4. Press **Option #**. Panel announces, *Option 1, press again for next option or done to select.*
5. Press **42.** Panel announces, *Option 42, press again for next option or done to delete.*
6. Press **DONE**. Panel announces, *Option 42 deleted.*

Option 55: Status Sounds

Add allows you to set the volume for status sounds, such as arming beeps, trouble beeps, and status beeps. The lowest volume setting is 1, the highest is 10.

1. Open panel cover. Panel announces, *Use numbered keys to enter ID.*
2. Enter Access Code using the numbered keys. Panel announces, *Please select from Start Menu.*
3. Press **Add** from the Start menu. Panel announces, *Select from main menu*
4. Press **Option #**. Panel announces, *Option 1, press again for next option or done to select.*
5. Press **55.** Panel announces, *Option 55, press again for next option or done to select*
6. Use the numbered keys to enter the desired volume setting (01-10).
7. Press **DONE**.

Delete sets the volume of status sounds to the default setting (7).

1. Open panel cover. Panel announces, *Use numbered keys to enter ID.*
2. Enter Access Code using the numbered keys. Panel announces, *Please select from Start Menu.*
3. Press **Delete** from the Start menu. Panel announces, *Select from main menu*
4. Press **Option #**. Panel announces, *Option 1, press again for next option or done to select.*
5. Press **55.**
6. Press **DONE**.

Trouble Beeps

Your security system is able to automatically test itself for:

- Power failures

- Low batteries

- Non-working sensors

- Communication troubles with the Central Monitoring Station

When your security system detects one of the problems above, six rapid beeps sound every minute, until the trouble condition is corrected.

> **Silencing Trouble Beeps**
> To stop the trouble beeps, press the **SYSTEM STATUS** button or arm/disarm the system while the trouble condition exists. Trouble beeps will begin 4 hours later, unless the trouble condition is corrected.

AC Power Failure

This condition occurs if your security system has been accidentally unplugged or if there has been an AC power outage. The backup battery will take over. If AC power is not restored within 15 seconds, the panel will go dark and alert you with trouble beeps. If you press any button, the display will light and pressing **SYSTEM STATUS** will confirm the AC power failure. If AC power is not restored within a programmed period of time (5-254 minutes) the system will call the central monitoring station (if programmed by installer). The backup battery, if fully charged, will last for 18 - 24 hours with no AC power.

System Battery Failure

This condition occurs if the emergency backup battery has failed. Status beeps will start and the **SYSTEM STATUS** button will light. Press the **SYSTEM STATUS** button to hear the trouble message. If your AC power is not working, your security system will shut down once the battery has failed. If the condition does not clear after AC power has been restored and 24 hours have passed, call your security system dealer.

Sensor Failure

This condition occurs if a sensor is not communicating with the panel. Status beeps will start and the **SYSTEM STATUS** button will light. Press the **SYSTEM STATUS** button to hear which sensor(s) failed. Perform sensor tests. It may be necessary for you to call your security system dealer if the problem continues.

Sensor Low Battery

This condition occurs if a system sensor has a low battery. The sensor may still be communicating with the panel. Status beeps will start and the **SYSTEM STATUS** button will light. Press the **SYSTEM STATUS** button to hear which sensor has a low battery. It may be necessary for you to call your security system dealer to resolve this problem. Some sensor batteries can be replaced by the homeowner.

Fail-To-Communicate

This condition occurs if your security system cannot communicate to the central monitoring station. Your system will try to report to the central monitoring station 8 times before it tells you there is a Fail-To-Communicate problem. Status beeps will start and the **SYSTEM STATUS** button will light. Press the **SYSTEM STATUS** button to hear the trouble message. It may be necessary for you to call your security system dealer if the problem continues.

Sensor Open

This condition occurs if a door or window is open, a system sensor has been disturbed and not reset properly. For example, a Door/Window Sensor magnet may have been removed from the sensor. Your system will indicate this condition to you by causing the **SYSTEM STATUS** button to light. When you press this button, the system responds with *Sensor # Name open*. Correct the problem by resetting the sensor. If this condition continues, call your security system dealer

Sensor Tampered

This condition occurs when a sensor is physically tampered with. If the system is armed an alarm will occur. For example, the cover is taken off of one of the sensors. Your system will indicate this condition to you by causing the **SYSTEM STATUS** button to light. When you press this button, the system responds with, *Sensor # Name tampered.* Correct the problem by resetting the sensor. If this condition continues, call your security system dealer.

Option 50 Detected

The panel receiver may be experiencing some interference. The system will call to notify the central monitoring station about this problem.

Siren 1 or 2 Failure

Call your security system dealer.

System Access Alarm

The panel cover was opened while the system was armed. The system will call the central monitoring station to report a tamper alarm.

> **Clearing System Status**
> Press the **SYSTEM STATUS** button, listen to the status message, then disarm the system to clear system status. If the trouble condition was a low CPU battery, perform a sensor test. The **SYSTEM STATUS** button should turn off if all trouble conditions have been corrected.

Testing

As an added safeguard, there are system tests you should do yourself on a regular basis. It is recommended that you test your system weekly.

Testing Sensors

You can test sensors one at a time to make sure they are sending strong signals to the panel. You should test the security system at least once a week.

➢ **To perform the sensor test:**

1. Open the panel Cover.
2. Enter the master access code.
3. Press the **Test** button once. The panel will announce *Sensor Test*.
4. Press the **DONE** button.

The panel will voice prompt you with a list of your programmed sensors that you need to test. The panel will start with sensor 1 and announce *Test sensor 1, sensor name.*

When you trip a sensor and it communicates successfully it will be removed from the list. You may trip the sensors in any order. The sensor test has a 4 minute time-out that resets with each sensor trip.

After all sensors have been successfully tested, the panel will announce *Sensor test complete, press DONE*. **Press DONE**. The panel will announce *Sensor test ok.*

If any of the sensors did not test successfully and you want to terminate the test, **press DONE or Cancel**. The panel will announce *Sensor test canceled or failure*. If a sensor test fails, call your security dealer.

Use the following table to trip devices:

Testing Sensors

Device	Do This
Door/Window Sensor	Open the secured door or window.
Motion Sensor	Avoid the Motion Sensor's view for 5 minutes, then enter its view.
Shock Sensor	Tap the glass twice, away from the sensor. Wait at least 30 seconds before testing again.
Smoke Sensor	Press and hold the test button until the system sounds transmission beeps.

Testing Sensors

Device	Do This
Wireless Panic Button Pendant	Press and hold the appropriate panic button(s) for 3 seconds.
Keychain Touchpad	Press and hold LOCK and UNLOCK simultaneously for 3 seconds.
Remote Handheld Touchpad	Press and hold the 2 EMERGENCY buttons simultaneously for 3 seconds.

Testing Communication

Communication between your system and the central monitoring station should be tested at least once per week to make sure you have the proper telephone connection.

➢ **To perform a phone test:**
1. Open the panel cover.
2. Enter the master access code.
3. Press the **Test** button twice. The panel will announce *Phone test, press again to change or done to select*.
4. Press the **DONE** button.

The panel will announce *Phone test is on* twice. If the test is successful the panel will announce *Phone test ok* within 3 minutes. If the test is unsuccessful, the **SYSTEM STATUS** button will light and within 10 minutes the panel will announce *Phone communication failure*. If a phone test fails, call your security system dealer.

Setting the Clock

If the panel loses power, the clock must be set. The default setting is 12 hour mode. Your installer can set the clock to 24 hour mode if you wish.

1. Open the panel cover. Panel announces, *Use numbered keys to enter ID.*
2. Enter the master access code. Panel announces, *Please select from Start Menu.*
3. Press **Clock Set** from the Start Menu. Panel announces, *Time is ****, to change press hours and minutes, then press done.*
4. Follow the arrow from the **Clock Set** button to the **Hours** keys.
5. Press the **Hours** +/− keys and listen to the voice prompts. Stop when panel voice announces the correct hour.
6. Press the **Minutes** +/− keys and listen to the voice prompts. Stop when the panel announces the correct minutes.
7. Press **Done**. The panel will announce the set time.
8. Close the cover.

Alarm System Limitations

Not even the most advanced alarm system can guarantee protection against burglary, fire, or environmental problems.

All alarm systems are subject to possible compromise or failure-to-warn for a variety of reasons.

- If sirens are not placed within hearing range of persons sleeping, in remote parts of the premises, or if they are placed behind doors or other obstacles.
- If intruders gain access through unprotected points of entry or areas where sensors have been bypassed.
- If intruders have the technical means of bypassing, jamming, or disconnecting all or part of the system.
- If power to sensors is inadequate or disconnected.
- If any environmental sensors are not located in areas where the appropriate condition can be detected.

- If smoke does not reach a Smoke Sensor. For example, Smoke Sensors cannot detect smoke in chimneys, walls, roofs, or smoke blocked by a closed door. Sensors may not detect smoke in other levels of the building. Sensors may not warn in time when fires are caused by smoking in bed, explosions, improper storage of flammables, overloaded electrical circuits, or other hazardous conditions.

- If telephone lines are out of service.

Inadequate maintenance is the most common cause of alarm failure. Therefore, test your system at least once per week to be sure sensors, sirens, and phone communications are all working correctly.

Although having an alarm system may make you eligible for reduced insurance premiums, the system is no substitute for insurance.

Security system devices cannot compensate you for the loss of life or property

Warning

Service

If you have any questions about your security system or if you ever need service, please contact your security consultant.

Company Name _____

Phone Number _____

Address   _____

_____

Planning for Emergencies

This section describes what you can do to plan ahead for an emergency:

- Emergency Planning
- Your Floor Plan

Emergency Planning

Since an emergency is always unexpected, you should develop plans to help prepare for a variety of emergency situations. Periodically discuss and rehearse emergency plans to include the following:
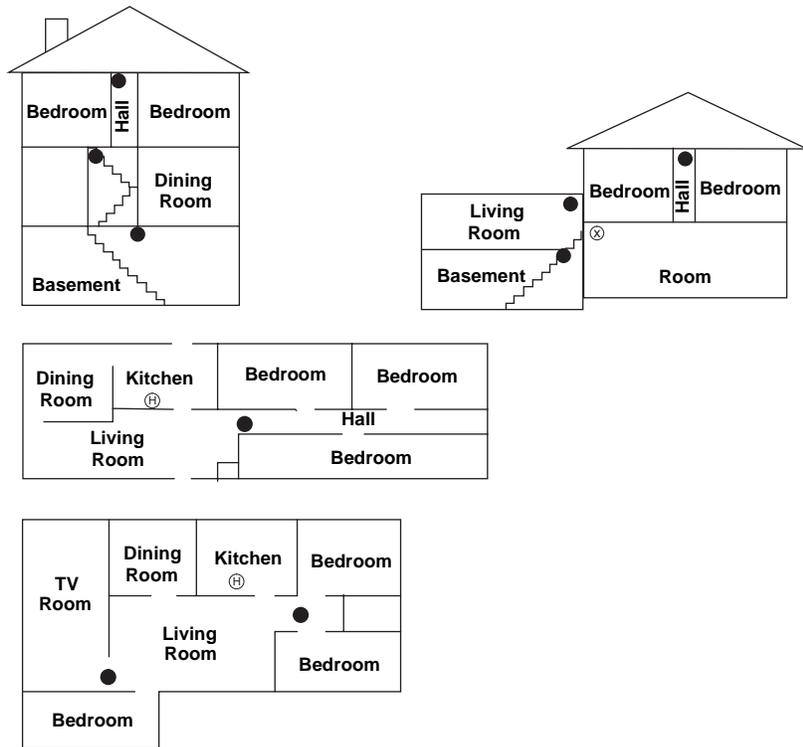
NOTE: Ceiling-mounted smoke detectors should be located in the center of the room, hall, or no less than 4 inches from the wall. When the detector is mounted on the wall, the top of the detector should be 4 to 12 inches from the ceiling.

NOTE: Do not install smoke detectors where normal ambient temperatures are above 100º F or below 40º F. Also, do not locate detectors in front of AC/Heat registers or other locations where normal air circulation will keep smoke from entering the detector.

● **Required smoke detector**

Ⓗ **Heat detector**

⊗ **Indicated smoke detector is optional if door is not provided between basement and recreation rooms**

Your Floor Plan

Use the following guidelines when drawing your floor plan (use the next page to draw your floor plan):

- Show all building levels.

- Show exits from each room (two exits per room are recommended).

- Show the location of all security system components.

- Show the location of any fire extinguishers.
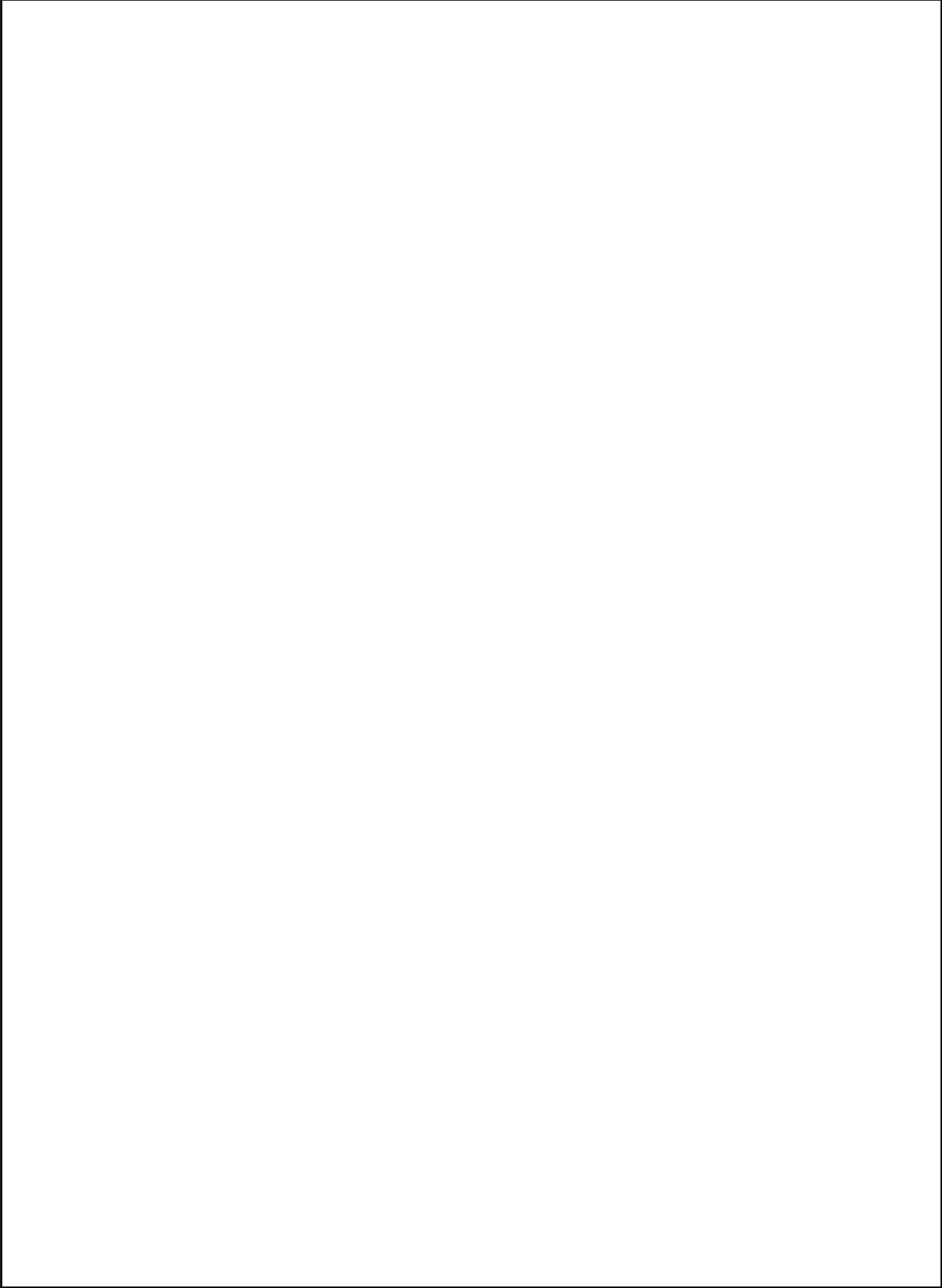
Quick Reference Table
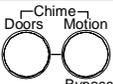
How to …	Control Panel	Remote Handheld Touchpad	Keychain Touchpad	Remote Phone
Disarm the System (Level 1)	⊙ Disarm + Access Code	**Disarm** ⊙ + Access Code	🔓 Press once	Press * + Code + 1
Subdisarm the System (Level 0)	Enter Master Code while system is disarmed	Enter Master Code while system is disarmed		Press * + Master Code + 1
Arm Only - Doors & Windows (Level 2)	Doors & Windows ⊙ Arm — Press once	**ARM Doors & Windows** ⊙ Press once	🔒 Press once	Press * + Code + 2
Arm Only – Motion Sensors (Level 3)	Motion Sensors ⊙ Arm — Press once	**ARM Motion Sensors** ⊙ Press once		Press * + Code + 3
Arm Doors, Windows & Motion Sensors (Level 4)	Doors & Windows / Motion Sensors ⊙ ⊙ Arm — Press each button once	**ARM Doors & Windows** ⊙ **ARM Motion Sensors** ⊙ — Press each button once	🔒 Press twice	Press * + Code + 2 + 3
Activate No Entry Delay	Doors & Windows ⊙ Arm — Press twice	**ARM Doors & Windows** ⊙ Press twice	🔒 Press once (if programmed)	Press * + Code + 2 + 2
Activate Latchkey Feature	Motion Sensors ⊙ Arm — Press twice	**ARM Motion Sensors** ⊙ Press twice	🔒 Press 3 times	Press * + Code + 3 + 3
Activate a Panic Alarm	⬭ Police — Press twice	✳ ✳ Press both Emergency buttons and hold for 3 seconds	🔒🔒 Press both & hold for 3 seconds	
Check the System Status	System Status ⊙ Press once	**SYSTEM STATUS** ⊙ Press once		Press * + Code + # + 1
Set Doors or Special Motion to Chime	⌐Chime⌐ Doors ⊙ ⊙ Motion Bypass — Press either Doors or Motion once			
Direct Bypass a Sensor	⊙ Bypass — Press once to bypass, press again to unbypass			
Turn Time Activated Lights On/Off	Time ⊙ Lights — Press once			
Turn Sensor Activated Lights On/Off	Sensor ⊙ Lights — Press once			
Turn On Special Lights		🔆 + Unit #	✳ Press once	
Turn All Lights On	On ⊙ Lights — Press twice	🔆 Press twice	💡 Press once	Press * + Code + 0
Turn All Lights Off	Off ⊙ Lights — Press twice	💡 Press twice	💡 Press once	Press * + Code + 0