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Concord 4 Series Security Systems

user guide

Notices

FCC Part 15 Information to the User

Changes or modifications not expressly approved by GE Security can void the user's authority to operate the equipment.

FCC Part 15 Class B

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the affected equipment and the panel receiver to separate outlets, on different branch circuits.
- Consult the dealer or an experienced radio/TV technician for help.

ACTA Part 68

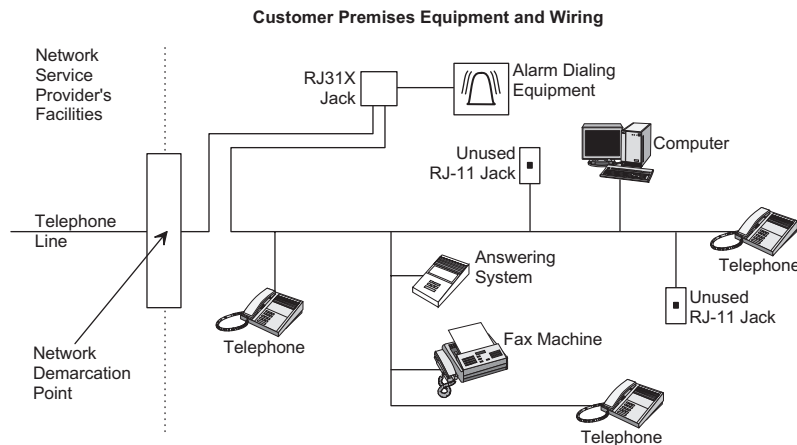
This equipment complies with Part 68 of the FCC Rules and the requirements adopted by the ACTA. Located on this equipment is a label that contains, among other information, the registration number and the ringer equivalence number (REN) for this equipment. If requested, this information must be provided to the telephone company.

Registration No. US:B4ZAL01B60095R

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

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 ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compliant modular jack that is also compliant. See the Installation Instructions for details.

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, 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 jack that is electrically in series and ahead of all other equipment attached to the same telephone line. Proper installation is depicted in the following diagram. If you have any questions concerning these instructions, consult your local telephone company or a qualified installer about installing an RJ31X jack and alarm dialing equipment for you.



If this equipment causes harm to the telephone network, the telephone company may temporarily disconnect your service. If possible, you will be notified in advance. When advance notice is not practical, you will be notified as soon as possible. You will also be advised of your right to file a complaint with the FCC.

The telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the operation of the equipment. You will be given advance notice in order to maintain uninterrupted service.




If you experience trouble with this equipment, please contact the company that installed the equipment for service and/or repair information. The telephone company may ask you to disconnect this equipment from the network until the problem has been corrected or you are sure that the equipment is not malfunctioning.

This equipment may not be used on coin service provided by the telephone company. Connection to party lines is subject to state tariffs.

Patent Information

This product and the use of this product may be covered by one or more of the following patents: 5,805,063, 5,872,512, 5,942,981, 5,686,896, 5,686,885, 4,855,713. Except expressly provided herein, the purchase of this product shall not constitute a license or otherwise provide a right to practice a method covered by any of the identified patents. GE Security hereby grants the purchaser of this product a limited, non-exclusive license to practice the methods patented in the identified patents solely with products manufactured, sold or licensed by GE Security. This license grant does not extend to the use of unlicensed, third party products with this product.

Commands at a Glance

Disarm the system. Cancel an accidental alarm.	1 + CODE CODE or 1 + CODE
Arm to Level 2—STAY.*	2 + CODE
Arm to Level 3—AWAY.*	3 + CODE
Send a police alarm.	 Press and hold both POLICE buttons for 2 seconds.
Send an auxiliary alarm.	 Press and hold both AUXILIARY buttons for 2 seconds.
Send a fire alarm.	 Press and hold both FIRE buttons for 2 seconds.
Arm system with No Delay.*	2 + CODE + 4 or 3 + CODE + 4
Arm system for Latchkey.*	2 + CODE + 6 or 3 + CODE + 6
Bypass a sensor.*	Indirectly: 2 + CODE + # or 3 + CODE + # Directly: # + CODE + Sensor Number
Arm system silently.*	5 + 2 + CODE or 5 + 3 + CODE
Arm system with exit lights off.*	2 + CODE + 0 or 3 + CODE + 0
Turn all lights on/off.	0 + 0
Turn specific lights on/off.	0 + <i>Light number</i>
Check the system status.	* for Short status or * + * for Full status
Turn Chime on/off.	7 + 1
Turn Energy Saver on/off.	7 + 2
Disable local phone access.** (This is a phone command only.)	# + 7 + 3 or wait 5 seconds after picking up the phone
Check alarm memory.	7 + 6
Activate Output.***	7 + 7 + Output number (1–6)
View Event History	8 + CODE + 8

*If Quick Arm feature is on, access code is not required. See "Arming Your System".

**Installer can disable local phone control if desired.

***Must be set up by installer.

Contents

Commands at a Glance -	1
Getting to Know Your Security System	1
Panel	1
Touchpads	1
Door/Window Sensors	1
Motion Sensors	1
Environmental Sensors	1
Optional System Components	1
Communicating with the System	2
Alphanumeric and Fixed Display Touchpads	2
Wireless Handheld Touchpad	2
Keychain Touchpads	2
Touchtone Phones	2
Instructing the System	2
Beeps and LEDs— How Your System Talks to You	3
Key Beeps	3
Status Beeps	3
LEDs	3
Notification by Pager	3
Basic System Operations	4
What Happens in an Alarm Condition	4
Fire Alarms	4
Automatic and Manual Fire Alarms	4
Clearing Alarms and Resetting Smoke Detectors	5
Preventing Accidental Alarms	5
Guidelines for Preventing Accidental Alarms	5
Aborting Accidental Alarms	6
Arming and Disarming Your System	6
Level 1—OFF	6
Level 2—STAY	7
Level 3—AWAY	7
Quick Arm	7
Quick Exit	7
Keychain Touchpad Arming	8
Using the Chime Feature	8
Chime-On-Close	8
Using the Voice Chime Feature	8
No Delay—For Instant Alarm.....	8
Auto STAY Arming Feature.....	9
Exit Extension Arming Feature	9
Arming Your System Silently	9
Bypassing—Arming With a Door or Window Open	9
Bypassing a Sensor Directly	9
Bypassing a Sensor Indirectly	10
Was the Bypass Successful?	10
Basic Light Control	10
Basic Output Control	11

Checking the Status of Your System	11
Short System Status	11
Full System Status	11
<i>Panic Alarms</i>	11
Fire Panic Alarm	12
Lighting During a Fire Panic Alarm	12
Police Panic Alarm	12
Lighting During a Police Panic Alarm	12
Auxiliary Panic Alarm	12
Lighting During an Auxiliary Panic Alarm	12
Siren Time-out	12
<i>Access Codes</i>	13
Programming Access Codes	13
Access Code Integrity	13
System Master Code Privileges	13
Partition Master Code Privileges	13
Regular User Code Privileges	13
The Touchpad Tamper Feature	13
Changing or Erasing User Codes	14
Changing a User Code	14
Deleting a User Code	14
Assigning Code Attributes	14
Assigning the Direct Bypassing Attribute	14
Assigning the Remote Access Attribute	14
Assigning the System Test Attribute	15
Assigning the Latchkey Report Attribute	15
Assigning the Partition Access Attribute (Concord 4 systems only)	15
<i>Setting the Time and Date</i>	15
<i>Adjusting System Sounds and Touchpad Brightness</i>	16
Adjusting the Touchpad Beeps (Fixed Display Touchpad Only)	16
Adjusting the System Status Voice Volume	16
Adjusting the Touchpad Display Brightness	16
<i>Using the Energy Saver Feature</i>	17
Energy Saver Example	17
Setting the Energy Saver High and Low Temperature Settings	17
<i>Notification by Pager</i>	18
Pager Messages	19
Event Code in Page	19
Sensor Number or User Number in Page	19
Account Number in Page	20
Streamlining the Page Report	20
<i>Creating Time Schedules</i>	20
Scheduling Consecutive Days	20
One Day Rollover	20

Example 1 of One Day Rollover	21
Example 2 of One Day Rollover	21
Multiple Day Rollover	21
Example of Multiple Day Rollover	21
Attaching Time Schedules	21
Time Schedules and Partitions	22
Advanced Light Control	22
Controlling Lights By Time Schedule	22
Controlling Lights with Sensors	22
Installer Programmable Lighting	23
Controlling Outputs by Time Schedule	23
Scheduled Arming	23
Opening and Closing Reports	24
When Will this Feature Be Active?	24
Who Will Be Paged?	24
What Will the Pager Report?	24
Latchkey Paging	24
Page In the Event of...	24
Who Will Be Paged?	24
Who Can Send a Page?	24
What Will the Pager Report?	25
Latchkey Opening	25
Basic Latchkey Opening	25
Based on Time Schedule Only	25
Based on Latchkey Modifier 6 Only	25
Advanced Latchkey Opening	25
Latchkey Closing	25
Assigning a Time Schedule to Latchkey Paging	25
Applying the Latchkey Modifier	26
Notify by Exception	26
Page In the Event of...	26
Who Will Be Paged?	26
Who Can Send a Page?	27
What Will the Pager Report?.....	27
When Will this Feature Be Active?.....	27
Assigning a Time Schedule to Exception Opening and Closing	27
The No Activity Feature	27
Using the Panel Download Feature	27
Using a Partitioned System (Concord 4 systems only)	28
Global Settings	28
Partition-Specific Settings	28
Jumping Partitions	28

Arming and Disarming Another Partition	29
Programming Another Partition	29
Arming and Disarming Multiple Partitions at the Same Time	29
Notes on Arming/Disarming Multiple Partitions from Alphanumeric and Fixed Display Touchpads	30
Notes on Arming/Disarming Multiple Partitions from Keychain Touchpads	30
Macro Keys	30
System Information	31
Viewing the Event Buffer	31
Overview	31
Using a Touchtone Phone to Operate Your System	34
Phone Command Prefix	34
Accessing the System from Off-site	34
How the Panel Answers the Phone	35
Ring-Hang-Ring Method	35
Twelve-Ring	35
Codes with Remote Access Capability	35
Touchtone Phone System Operation	35
Activating a Police Panic Alarm	36
Phone Questions?	37
What if someone calls while I'm operating the panel?	37
Can I control the system while I'm talking on the phone?	37
How do I perform other phone operations without commanding my security system?	37
Testing the System	37
Automatic Test Features	37
Manual Tests	37
Sensor Test	37
Phone Communication Test	38
Testing Sirens	39
Troubleshooting	39
Trouble Beeps and Trouble Messages	39
Silencing Trouble Beeps	39
Common Questions and Answers	40
Phone Issues	40
Lighting Issues	40
Appendix A: User Sheets	42
System Sensors	42
User Codes	43
Touchpad Information	44
Alphanumeric and Fixed Display Touchpads	44
Keychain Touchpads	44
Keychain Touchpad 1	44
Keychain Touchpad 2	45
Keychain Touchpad 3	45
Keychain Touchpad 4	45

Accidental Smoke and Fire Alarms	46
Dialer Abort	46
Doors and Delay Time Settings	46
System Features.....	46
If the Power Goes Out	47
No Activity Time	47
Resetting the Smoke Detector	47
System Information	47
Paging	48
Lights	48
Partition 1—House Code_____	Partition 2—House Code_____ 48
Partition 3—House Code_____	Partition 4—House Code_____ 48
Partition 5—House Code_____	Partition 6—House Code_____ 49
Outputs	49
Energy Saver	49
Alarm Sounds and Status Beeps	50

Appendix B: Planning for Emergencies **51**

Floor Plan Example	51
Your Floor Plan	52
Alarm System Limitations	54
If Your System Needs Service.....	54

Appendix C: Programming Your System **55**

Two Methods to Program Your System	55
Using Programming Menus	55
Examples of Programming Using Menus	55
Using Programming Shortcuts	57

Getting to Know Your Security System

Your security system consists of different components. Each component plays a special role in system operation (Figure 1).

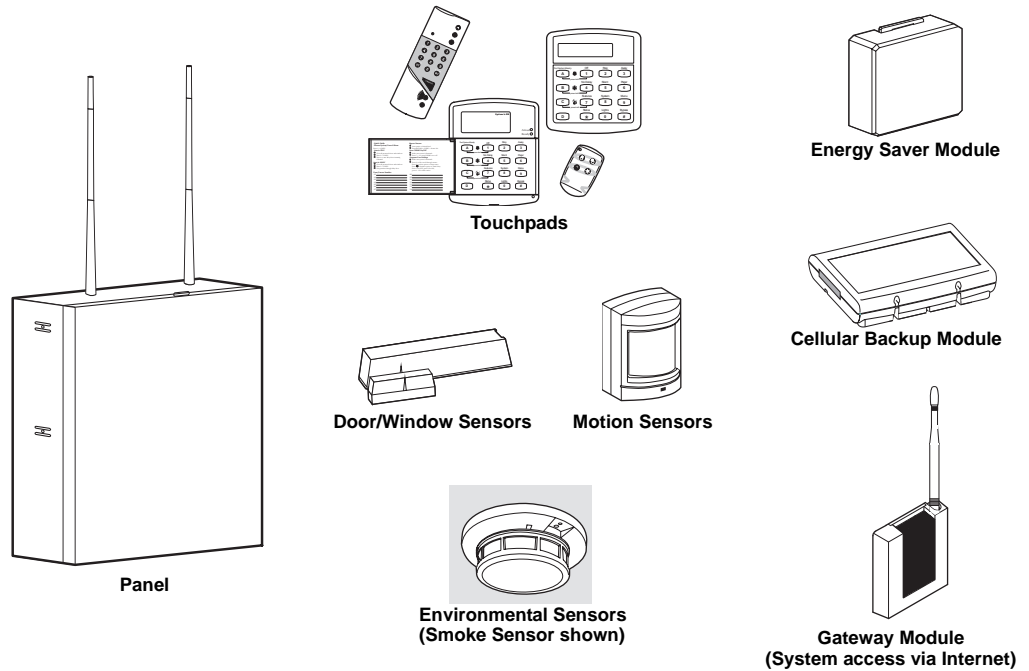


Figure 1. Security System Components

Panel

The panel is the heart of your system. The panel circuitry is enclosed in a steel cabinet and is installed out of the way of household or workplace traffic. The panel monitors all sensors and devices in the system and initiates a call to the central monitoring station in an alarm situation.

Touchpads

Touchpads let you communicate with and control the system. You'll use a touchpad to arm, disarm, and program your system.

Door/Window Sensors

Door and window sensors protect the perimeter of your home by detecting when a door or window is opened.

Motion Sensors

Motion detectors in hallways or individual rooms detect a person moving across the field of detection.

Environmental Sensors

Environmental sensors such as smoke, heat, and carbon monoxide detectors remain alert for the presence of fire or carbon monoxide 24 hours a day.

Optional System Components

Your system may include optional components that add the capability to:

- control heating/air-conditioning
- report alarms by cellular phone link in case landlines are down or inoperative
- control/monitor the system from on- or off-site using a touchtone phone or via the Internet

Communicating with the System

Touchpads let you communicate with the system (Figure 2).

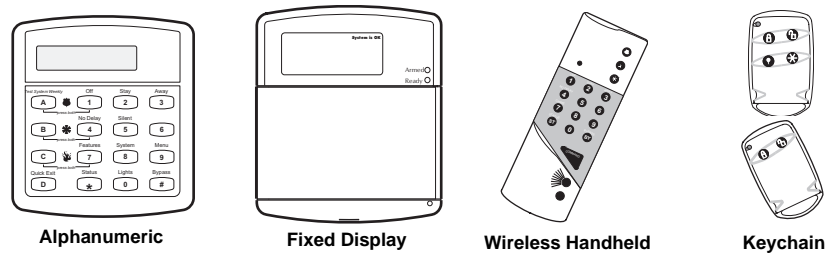


Figure 2. Touchpads

Alphanumeric and Fixed Display Touchpads

Alphanumeric touchpads are mounted on a wall and provide system information by LEDs and/or displaying text messages.

Wireless Handheld Touchpad

This touchpad can be carried from room to room and used to control the system from many locations on site.

Keychain Touchpads

Keychain touchpads are handy for simple arming and disarming functions. They are wireless and can be carried off-site in a purse or pocket. They can even be programmed to operate a gate, garage door, or activate a Police or Auxiliary panic alarm.

Touchtone Phones

Your system can be set up for system operation from a touchtone phone on- or off-site. This includes arming and disarming, plus system features such as checking the system status and turning on and off lights.

Instructing the System

Most of your instructions for the system consist of this basic pattern:

Command + Access Code

Not just anyone can walk up to a touchpad and operate your security system. Before the system will process most commands, users are required to enter a 4-digit access code.

Keychain touchpads do not require an access code, but are usually kept in an individual's pocket or purse.

If you would rather use an actual key (Figure 3) to arm and disarm the system, your security dealer can install a special key and keyswitch in your home.

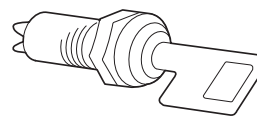


Figure 3. Arm/Disarm Key

Beeps and LEDs— How Your System Talks to You

Touchpads and interior sirens produce a variety of operating beeps to inform you of different system states and operations.

Key Beeps

A Key beep is the tone you hear when you press a button on an alphanumeric, fixed display, or handheld wireless touchpad. The sound confirms that the button was pressed adequately. Key Beeps can be turned on or off by the installer.

Status Beeps

Status beeps come from touchpads, sirens or speakers and are sounded when there is a change in the current status of the system. Status beeps are not alarms, but they do warrant your attention.

There are different types of Status beeps:

- Exit Delay beeps indicate that an arming command has been entered and the countdown to arming has begun.
- Entry Delay beeps indicate that you've entered the building and the countdown to an alarm has begun. (So disarm the system as soon as you get in!)
- Protest beeps indicate that you're trying to arm the system with an open door or window.
- Chime feature beeps indicate when a door or window is opened.
- Trouble beeps indicate a problem with the system or one of its components.
- Sensor test beeps occur during a sensor test to indicate that a sensor was tested properly.

Status beeps are described in more detail throughout the manual and in "Appendix A: User Sheets".

LEDs

Some touchpads have two LEDs that indicate the current system status at a glance. The red LED is labeled Armed, the green LED is labeled Ready. The table below explains LED behavior.

System Status	Red Armed LED	Green Ready LED
Exit Delay	Flashing	
Armed to Level 1-Off	Off	On
Armed to Level 2—Stay or 3—Away	On	
Entry Delay	Flashing	Off
System Trouble (check system status)/Protest		Off
System OK		On

Notification by Pager

Your system can dial the phone numbers of five different pagers to notify pager holders of important system events, including:

- System disarming
- System arming
- Trouble conditions
- Alarm conditions

For more information, see "Notification By Pager".

Basic System Operations

This section describes:

- What Happens in an Alarm Condition
- Fire and Smoke Alarms
- Preventing Accidental Alarms
- Arming your System
- Exit and Entry Delay Times
- Bypassing Sensors
- Using the Chime Feature
- Basic Light Control
- Basic Output Control
- Checking the Status of Your System

For instructions on using a phone to perform any of these functions, see “Using a Touchtone Phone to Operate Your System”.

What Happens in an Alarm Condition

- Speakers and touchpads emit emergency tones.
- System lights flash (requires optional equipment and programming).
- Panel notifies central monitoring station for help (monitored systems only).
- Pagers are notified of the event (requires optional programming).

Note

Your system may or may not be monitored. If it is not monitored, no central station reports will be made.

Fire Alarms

Systems with smoke and/or heat detectors monitor for smoke and/or fire 24 hours a day in all arming levels. During a fire alarm, system sirens sound a loud constant tone to alert you of a fire alarm. Individual sensors also have built-in sounders to alert occupants.

You must respond quickly to fire alarms to ensure your safety and the safety of others.

➤ To be prepared in case of a fire alarm:

- Plan escape routes. Two escape routes per room are recommended.
- Use a different escape route if closed doors feel warm or hot to the touch.
- Emphasize that everyone should escape as quickly as possible. DO NOT gather any belongings, which could delay you from getting out of the building safely.
- Crawl and hold your breath as much as possible to help reduce smoke inhalation during your escape.
- Meet at a designated outdoor location.
- Emphasize that no one should re-enter the building if a fire exists.
- Notify the fire department from a safe location (if system is not monitored).

Automatic and Manual Fire Alarms

Automatic fire alarms occur when a smoke or heat sensor detects the threatening condition (smoke/heat from a fire) and trips the panel, causing alarm sirens to sound. Manual fire alarms are initiated by a person pressing the fire emergency panic buttons on a system touchpad or activating a manual pull fire device, causing alarm sirens to sound.


Note

While most alarms can be canceled or aborted to prevent reporting to the central monitoring station, fire alarms CANNOT be aborted and are always reported. Since many communities charge for dispatching the fire department in error, your dealer may give you specific instructions to follow in the event of an accidental fire alarm. Record these instructions in Appendix A: User Sheets under “Accidental Smoke and Fire Alarms”.

➤ **If the system goes into a fire alarm automatically:**

1. Immediately exit the building.
2. Notify the fire department from a safe location (if system is not monitored).

➤ **If you discover a fire emergency before the system goes into alarm automatically:**

1. Press and hold both  Fire button(s) for 2 seconds on the nearest touchpad or activate a manual fire pull.
2. Evacuate all occupants from the building.
3. Notify the fire department from a safe location (if system is not monitored).

Warning!

Do not re-enter the building if sirens stop. The sirens in your system are programmed to stop after a certain amount of time. This does not mean it is safe to re-enter the building. Only fire department personnel can determine when it is safe to re-enter.

Clearing Alarms and Resetting Smoke Detectors

Wireless smoke sensors reset themselves automatically, once they are clear of smoke. Some hardwired smoke detectors must be manually reset once they are clear of smoke. Check with your installer for reset procedures for your system.

➤ **To clear an alarm condition caused by wireless smoke sensors:**

Press 1 + CODE. Touchpads display the sensor(s) that caused the alarm (alarm memory). If sirens were still active, they will stop.

➤ **To clear an alarm condition caused by hardwired smoke sensors and reset the detectors:**

1. Press 1 + CODE. Touchpads display the zone(s) that caused the alarm (alarm memory). If sirens were still active, they will stop. The light on the smoke detector remains lit until it is reset.
2. Press 1 + CODE again to reset hardwired detectors and clear alarm memory.

Note

In some cases your installer may have installed a smoke detector reset switch. If so, use Step 2 only to clear alarm memory. Press and hold the switch for at least one second, then release it to reset smoke detectors.

The system may sometimes go into alarm again after clearing the alarm and resetting smoke detectors. This usually indicates there is still smoke in the chamber inside the detector, even though you may not see any smoke near it. You may need to clear this condition by fanning the air near the detector for a few seconds, then use the appropriate procedure above again.

Preventing Accidental Alarms

Most accidental alarms occur when leaving the premises after arming the system, or upon returning, before disarming the system.

For example, if you arm the system then run upstairs for something you forgot, the Exit Delay time may expire. Once the Exit Delay expires, opening an armed door or moving in front of a motion detector will cause an alarm.

Guidelines for Preventing Accidental Alarms

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

- Close all doors and windows before leaving.
- 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 designated delay door.
- Disarm your system immediately upon entry.
- Get familiar with all 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 smoke detectors. Smoke detectors located too close to bathrooms and kitchens can trip from steam or smoke from cooking.
- Take note of system beeps, voice announcements, and indicator lights which indicate the current system status.

Aborting Accidental Alarms

Your system can be set up to let you abort an accidental intrusion, Police or Auxiliary alarm.

If the Dialer Abort feature is turned on, disarming the system within a specified time period will silence sirens and prevent the system from reporting to the central monitoring station (thus aborting the alarm). Your system will display “report aborted” for a few seconds, if you disarm before the alarm is reported. If you don’t disarm in time to abort the central station report, the system automatically sends an “alarm cancelled” report to the central station when the system is disarmed. Follow the procedures of your central station to prevent a false dispatch. See “Alarm Information” in Appendix A to determine if this feature is enabled for your system.

The Dial Abort Delay feature is factory set to 30 seconds. Your installer can change this setting from 15 - 45 seconds.

Note

Remember that fire alarms cannot be aborted/canceled. Disarming a fire alarm will only silence sirens, but the alarm is still reported. If an accidental fire alarm has sounded, follow the procedures of your central monitoring station to prevent dispatching authorities.

➤ **To cancel a Police (intrusion) or Auxiliary alarm:**

1. Press 1. Touchpads display “ENTER CODE.”
2. Enter your Access Code.

OR

Enter your Access Code

Touchpads display date and time or Programmed Idle Text. The system sounds one long beep.

If you’re using a Touchtone phone, see “Using a Touchtone Phone to Operate Your System”.

Arming and Disarming Your System

When arming the system you are turning on intrusion detection. When disarming the system you are turning off intrusion detection.

Since your security needs may vary throughout the day, your system has three levels to meet these different needs. By setting your system to a particular level, only those sensors programmed to detect in that level will activate an alarm.

Note

No matter which level your system is set to, sensors programmed as active 24 hours a day (smoke sensors, heat sensors, panic buttons, and environmental sensors) continue to monitor for and report alarm conditions.

Level 1—OFF

Select this level to:

- cancel an alarm and stop sirens.
- disarm the system when entering the armed premises (through a designated delay door). Entry delay beeps sound to remind you the system is armed and that you must disarm it.
- disarm the system before opening a door or window while the system is armed (such as after waking up in the morning and getting your newspaper).

➤ **To disarm to Level 1—OFF using a touchpad:**

1. Press 1. Touchpads display “ENTER CODE.”
2. Enter your Access Code. Touchpads display date and time or programmed text and the system sounds one long beep.

➤ **To disarm to Level 1—OFF using a keychain touchpad:**

Press the  Unlock button.

Note

Programmed Idle Text is programmed by your installer and typically identifies the property. For example, “ABC Bank” or “The Jones”.

Note

Entry beeps are silenced after the first keypress. They will restart after five seconds with no keypresses. You must enter your access code to completely disarm the system.


Level 2—STAY

Use this level to arm perimeter doors and windows only. Interior devices such as motion sensors remain off so you can stay inside the premises without setting off an alarm. If you wish, you can exit through a designated delay door after arming to Level 2—STAY.

➤ To arm to Level 2—STAY using a touchpad:

1. Close all protected perimeter doors and windows.
2. Press 2 at any touchpad. Touchpads display, “ENTER CODE.”
3. Enter your Access Code. Touchpads display, “Armed to STAY” and the system sounds two short beeps.
4. If leaving the premises, exit through a designated delay door immediately.

➤ To arm to Level 2—STAY using a keychain touchpad:

Press the  Lock button once to go from Level 1 to Level 2.

Level 3—AWAY

Use this level to arm perimeter door/window sensors and interior motion sensors for maximum protection.

➤ To arm to Level 3—AWAY using a touchpad:

1. Close all perimeter doors and windows.
2. Press 3 at any touchpad. Touchpads display, “ENTER CODE.”
3. Enter your Access Code. Touchpads display, “ARMED TO AWAY” and the system sounds three short beeps.
4. Exit through a designated delay door immediately.

➤ To arm to Level 3—AWAY using a keychain touchpad:

- Press the  Lock button twice to go from Level 1 to Level 3, or once to go from Level 2 to Level 3.

Quick Arm

This feature lets you arm your system without using an access code. Disarming the system still requires entering an access code.

➤ Quick Arm to Level 2:

From Level 1--Press 2.

➤ Quick Arm to Level 3:

From Level 1 or 2--Press 3.

Quick Exit

Your system may be set up to let you exit and re-enter the premises within two minutes, without disarming and rearming the system. This is useful when you want to quickly step outside to pick up the newspaper without disarming your system.

➤ To use Quick Exit:

1. When the system is armed to 2—STAY, Press D at any touchpad (opening the door without pressing D will cause an alarm).
2. Open a designated delay door and go outside. *Leave the door open if you are planning to come back in!*
3. Return within two minutes and close the door. The system will rearm to 2—STAY.

Note

If Quick Arm feature is on, an access code is not required to arm the system to Level 2—STAY.

Note

If Quick Arm feature is on, an access code is not required to arm the system to Level 3—AWAY.

Note



Contact your installer if you want to use this feature.


Important !

If you step outside and are planning to come back in, do not close the door behind you!

Keychain Touchpad Arming

Your installer can set up your keychain touchpad to arm the system in one of two ways:

- Press the  Lock button to arm the system directly to Level 3—AWAY with no Exit Delay. Using this method, you would not be able to arm to Level 2—STAY.
- Press the  Lock button once for each desired increase in arming level. For example:

From Level 1 press the  Lock button once to arm to Level 2, press it twice for Level 3, or press it three times to arm to Level 3 with Latchkey activated (if programmed). The Exit Delay time is applied. For more information, see “Latchkey Paging”.

Note

Your system can be set up to sound short beeps on exterior sirens when arming or disarming the system from outside using a keychain or wireless touchpad. This provides confirmation that an arming level change was successful. Ask your installer about this feature.

Using the Chime Feature

Turning on the Chime feature is like having a doorbell on every protected door and window. When this feature is on, interior sirens and speakers sound 2 beeps whenever anyone opens a protected door or window.

The Chime feature works only in Level 1—OFF.

➤ To turn Chime on/off:

1. While in Level 1—OFF, from any touchpad, Press 7 + 1. While the Chime feature is on, touchpads display, “CHIME IS ON” or “CHIME ON.”

Chime-On-Close

The Chime-On-Close feature works like the regular Chime feature, but in addition to the double beeps heard upon opening a protected door or window, the system sounds one long beep when the door or window is closed again.

You can turn the Chime-On-Close feature on or off from the programming menus. Refer to “Using Programming Menus” for information on programming your system.

Using the Voice Chime Feature

Your system may have the ability to speak the sensor name whenever someone opens a protected door or window. When this feature is on, speakers announce, “Sensor *name* open/closed.” You can turn the Voice Chime feature on or off from the programming menus. Check with your dealer and refer to “Using Programming Menus” for information.

No Delay—For Instant Alarm

You can choose to turn off the Entry and Exit Delays, causing the delay doors to arm immediately. Anyone entering through a delay door when the system is set to No Delay would immediately cause an alarm.

No Delay is normally used:

- When staying home after arming the system.
- When arming or disarming your system from outside (requires a wireless touchpad).

➤ Arming to Level 2 or 3 with No Delay, using a touchpad:

1. Close all perimeter doors and windows.
2. Enter 2 + CODE or 3 + CODE. The system sounds two or three short beeps.
3. Immediately press 4. Touchpads display, “ARMED TO STAY NO DELAY” or “ARMED TO AWAY NO DELAY”.

Changing the arming level restores delay doors to their normal Exit and Entry Delay times.

Note

If Quick Arm feature is on, an access code is not required. See the “Quick Arm” section in this manual.

Auto STAY Arming Feature

The Auto STAY Arming feature helps cut down on false alarms in the event that you arm the system to 3—AWAY, but fail to leave during the Exit Delay time. Here's how it works:

If you arm the system to Level 3—AWAY, and do not leave the premises within the Exit Delay time	
With feature turned on	The system detects that no one opened and closed a delay door within the delay time. It assumes that someone is still inside and arms to 2—STAY to prevent a false alarm.
If feature turned off	The system arms to Level 3—AWAY regardless of whether or not a delay door has been opened and closed. Your movement inside the premises could activate a motion detector, causing an alarm.

Exit Extension Arming Feature

The exit extension arming feature helps cut down on false alarms in the event that you arm the system and exit the premises, but re-enter before the exit delay expires.

If you arm the system, leave the premises, and then re-enter within the exit delay time:	
With feature turned on	The system detects that a delay door opened twice within the delay time. It assumes you re-entered the premises, so it restarts the exit delay, giving you additional time to exit again.
If feature turned off	The exit delay continues to count down. Even if a delay door is opened a second time. Your movement inside the premises could activate a motion detector, causing an alarm.

Note

If the exit extension arming feature is on, the exit delay will be restarted only once.

Arming Your System Silently

Use the Silent arming feature to arm your system without disturbing people throughout the house with arming status beeps. Pressing 5—Silent before arming silences arming status and exit beeps from touchpads and interior sirens, *only* for the current arming period.

➤ To arm your system silently:

1. From any touchpad, press 5.
2. Within 4 seconds enter: 2 + CODE *or* 3 + CODE.

Bypassing—Arming With a Door or Window Open

It is possible to arm your system while leaving a door or window open. This is useful if, for example, you like to sleep at night with a window open.

If the door or window has a sensor installed on it, the system must be told to ignore or *bypass* that sensor when it's open. All other sensors remain active.

There are two methods for bypassing a sensor:

- **Directly** — After arming the system, bypass door/window sensors *before* you open them. You must know the sensor number of the door or window you wish to bypass. Your installer can include the zone number as part of the sensor text.
- **Indirectly** — As you are arming, bypass sensors on doors and windows that are already open. This method should not be used in UL Listed installations.

Bypassing a Sensor Directly

Use this method if the system is armed and you would like to open a window without disarming.

Refer to the “Appendix A: User Sheets” to determine the sensor number you wish to bypass.

➤ To bypass sensors *directly*:

1. Close all doors and windows.
2. Arm your system to the desired level.

Note

If Quick Arm feature is on, an access code is not required. See “Quick Arm” for more information.

Note

Exit Delay is doubled when arming silently.

Note

Smoke/heat sensors cannot be bypassed.

Note

When a sensor is bypassed, you are allowing that door or window to be unprotected.


Note

You cannot bypass sensors directly using a keychain touchpad.

3. At any touchpad, press # + CODE (# is labeled *Bypass*)
 4. Touchpads display, “BYPASS SENSOR __,” or “ENTER SNSR __.” Enter the desired sensor number.
 5. Touchpads display, “BYPASSED ZONES 01,” or “SENSOR 01 BYPASSED,” for example.
 6. If the touchpad displays “INVALID,” or “FAILURE,” or if the touchpad sounds one long beep, make sure that you entered a valid sensor number. Smoke/heat sensors cannot be bypassed.
 7. Bypass other sensors if desired, by repeating Step 3.
 8. The bypassed doors or windows can now be opened.
- **To arm (unbypass) bypassed sensors:**
1. Repeat the above procedure substituting the bypassed sensor number or,
 2. Close bypassed doors and/or windows and arm your system again.

Bypassing a Sensor Indirectly

Use this method if you are arming the system and would like to bypass doors and windows already open.

- **To bypass sensors *indirectly*:**
1. Leave open only those doors and windows that are to remain open. Close all others.
 2. Arm your system to the desired level. The touchpad emits protest beeps and displays “PRO-TEST,” because of the open sensor(s).
 3. At any touchpad press # (Bypass). Touchpads with displays show, “BYPASSED ZONES 01,” or “SENSOR 01 BYPASSED,” for example.
 4. The system sounds arming level beeps to indicate that the system is armed and open sensors have been successfully bypassed.
- **To arm (unbypass) bypassed sensors:**
1. Close bypassed doors and/or windows.
 2. Arm your system again.
- **To bypass sensors indirectly using a keychain touchpad:**
1. Press the  button once to arm the system and again to bypass open sensors.

Was the Bypass Successful?

- **To confirm whether or not a sensor was bypassed:**
1. Press the Status button on the touchpad. (* is labeled *Status*.)
Touchpads list bypassed sensors or zones.

Basic Light Control

There are two kinds of light control:

- *Basic* light control, offering instant light control at any touchpad, and
- *Advanced* light control, in which lights turn on and off automatically according to specific situations. (See “Advanced Light Control”).

- **To turn *all* lights on or off:**
1. *From any touchpad:* Press 0 + 0.

From a 4-button keychain touchpad: Press the  Lights button.

- **To turn a *specific* light on or off*:**
1. *From any touchpad:* Press 0 + light number.

From a 4-button keychain touchpad:

You cannot turn on a specific light using a keychain touchpad.

Note
For system lights to respond to basic and advanced light commands, the light switches must be turned on.

Refer to the User Sheets in Appendix A to determine which light number is associated with which lamp.

Basic Output Control

Your system may be set up with programmed outputs that control special hardware installed in your system. These outputs are usually set up to turn on automatically in response to certain events.

Your installer may have configured your system so that you can control some outputs from your touchpad. Have the installer list and explain any outputs that are programmed for your control. Use the following procedure to turn an output on or off.


➤ **To turn the output on or off:**

From any touchpad press $7 + 7 + \text{output number}$. If the output was already activated, it will shut off. If the output was off, it will activate.

Checking the Status of Your System

Checking the system status means finding out about the current condition of your system. This includes finding out if any sensors are open or currently bypassed, whether or not the AC power and backup battery are okay, the nature of the most recent alarm, and more, depending on the features in use and the equipment in your system.

Check the system status if:

- Your system sounds trouble beeps (five short beeps every minute).
- Your touchpads display, “ALARM,” and “POLICE,” “AUXILIARY,” or “FIRE.”
- Your touchpads display, “PRESS STATUS” or a blinking .

If an alarm or system trouble condition has occurred, it is displayed on a touchpad the first time you perform a Short or Full Status check. Performing a system status check a second time displays the system status including any trouble conditions.

If any alarm or system trouble is active, it continues to show up in every status check until the system is disarmed.

Short System Status

A Short Status indicates the current arming level, sensor status (whether open or bypassed), low battery, supervisory, auxiliary phone, AC power or backup battery failures.

➤ **To get a Short System Status:**

Press * (* is labeled *Status*.)

The system sounds beeps according to the current arming level (one for Level 1, two for Level 2, three for Level 3). Touchpads display and optional voice modules announce the status information, for example, “SYSTEM IS OK,” or “SENSOR 02 OPEN.”

Full System Status

A Full Status combines the Short Status information with added details about specific system features.

➤ **To get a Full System Status:**




1. Press * + *.

Interior sirens sound beeps according to the current arming level. Touchpads display and optional voice modules announce the status information, for example, “SYSTEM IS OK,” “SENSOR 03 BYPASSED,” “SYSTEM BATTERY IS OK,” “AC POWER IS OK.” If the optional Energy Saver module or RF Thermostat is installed, the system displays/announces its status (on/off) and the current temperature (if on).

Panic Alarms

Panic alarms are easily activated from any touchpad to quickly alert the central monitoring station to a Fire, Police, or Auxiliary emergency so the correct personnel can be dispatched immedi-

ately. A panic alarm can be activated in any arming level. Each type of panic alarm sounds and reacts differently when activated.

Type of Alarm	Alarm Sound
 Fire	Repeating series of three beeps
 Police	Continuous tone
 Auxiliary	Rapid beeps

Fire Panic Alarm

The Fire panic alarm sounds from all interior and exterior sirens. On monitored systems, the central monitoring station responds by calling the fire department.

➤ **To activate a Fire panic alarm from a touchpad:**

Press and hold both  Fire button(s) for 2 seconds.

Lighting During a Fire Panic Alarm

If your system includes controlled lighting, all system lights turn on and remain on during a Fire alarm.

Police Panic Alarm

The Police panic alarm sounds from all interior and exterior sirens, scaring off any intruder and alerting neighbors. On monitored systems, the central monitoring station responds by calling the police.

➤ **To activate a Police panic alarm from a touchpad:**

Press and hold the  Police button(s) for 2 seconds.

➤ **To activate a Police panic alarm from a keychain touchpad:**

Press and hold the  Lock and  Unlock buttons together for 2 seconds.


Lighting During a Police Panic Alarm

If your system includes controlled lighting, all system lights flash continuously during a Police panic alarm.

Auxiliary Panic Alarm

The Auxiliary panic alarm sounds from interior sirens only. It is typically set up by your security dealer, based on your specific needs. On monitored systems, the central station responds by calling the service or agency you specified through your dealer, such as an ambulance service.

➤ **To activate an Auxiliary panic alarm from a touchpad:**

Press and hold the  Auxiliary button(s) for 2 seconds.

➤ **To send an Auxiliary panic alarm from a keychain touchpad:**

Press and hold the  Lights and  Star buttons together for 2 seconds.

Lighting During an Auxiliary Panic Alarm

If your system includes controlled lighting, all system lights turn on and remain on during an Auxiliary panic alarm.

Siren Time-out

If the system is not disarmed after an alarm, the sirens will continue to sound until the time-out period is reached. The time-out period can only be programmed by your installer or dealer.

Note

Verify with your installer how your keychain touchpads are programmed. See "Appendix A: Keychain Touchpads" for more information.

Even though reaching the time-out stops the sirens, the alarm will still be in progress until the system is manually disarmed.

Access Codes

The system requires a valid access code before it will process most commands.

There is one **System Master code** which serves as the primary User Programming code for your system. Only a very limited number of users will need to know this code.

Concord 4 systems have six **Partition Master codes** (one for each partition) which allow access to system operations in their respective partitions. Concord Express V4 systems are single partition systems with no partition master codes.

Note

Partitions are individual security systems within the same control panel. Partitioned systems are typically used for large buildings with several entry/exit points and different access/operating hours. They also work well for small strip malls, duplexes, and quad-homes where one control panel can provide individual security for six different tenants.

Concord 4 systems have 230 **Regular User codes** (000-229), while Concord Express V4 systems have 16 **Regular User codes** (00-15). These codes act like keys to arm and disarm the system. If necessary, they can be assigned to neighbors, baby-sitters, or repair persons for temporary use. Regular user codes can be changed in User Programming and are easily deleted from the system when no longer necessary.

Programming Access Codes

The code you use to enter User Programming determines which features such as codes and code attributes you'll be able to change.

A user code can be given certain attributes that limit what the user can do within the system. Attributes may be changed by you, or by a dealer over the phone using downloading software.

The User Sheets in Appendix A provide a location for you to record the actual user codes and the attributes of each. If you need assistance in changing any code attributes contact your dealer.

Access Code Integrity

To preserve the integrity of your system, keep access codes confidential and delete extra codes as soon as they are no longer needed.

Avoid using obvious code patterns such as 1234, 1111, 2222, etc.

System Master Code Privileges

Using the System Master code to enter User Programming lets you:

- Change the System Master code.
- Change or delete the Partition Master code in the current partition.
- Change or delete Regular User codes in the current partition.

The default System Master code is 1234. It is important that you change this default and record the new code on the User Sheets in Appendix A.

Partition Master Code Privileges

Using the Partition Master code to enter User Programming lets you:

- Change the Partition Master code in the current partition.
- Change or delete Regular User codes in the current partition.

There are no default Partition Master codes. Record all codes on the User Sheets in Appendix A.

Regular User Code Privileges

You cannot enter User Programming with a Regular User code.

The Touchpad Tamper Feature

The installer can program your system to activate a Police alarm in the case of possible touchpad tampering.

If more than 40 keys are pressed when the system asks for a code, and those keystrokes are not part of a valid access code, a siren will sound. Talk to your installer or see Appendix A “Touchpad Information” on page 44 to see if this feature is enabled.

Changing or Erasing User Codes

A Touchtone phone can be used to change or erase user codes, but alphanumeric or fixed display touchpads work much better because of their extensive feedback. See Appendix C for phone programming instructions.

Changing a User Code

➤ **To change or assign a user code:**

1. Enter the programming menus by pressing 9 + System or Partition Master CODE.
2. For Concord 4 systems, press 030 *nnn* 0 where *nnn* is the user 000 through 229.
For Concord Express V4 systems, press 030 *nn* 0 where *nn* is the user 00 through 15.
3. Enter the desired 4-digit code, then #.
4. Press * + 00 + # to exit the programming menus.

Deleting a User Code

When a code is deleted, it can no longer operate the system.

➤ **To delete a user code:**

1. Enter the programming menus by pressing 9 + System or Partition Master CODE.
2. For Concord 4 systems, press 030 *nnn* 0 where *nnn* is user 000 through 229.
For Concord Express V4 systems, press 030 *nn* 0 where *nn* is the user 00 through 15.
3. Enter the System or Partition Master CODE, then #.
4. Press * + 00 + # to exit the programming menus.

Assigning Code Attributes

Code attributes determine the limits or capabilities of a code. You will want certain users to have more control over the system than others. For example, you would want an adult to have more control over the system than a child. Below are code attributes that you can assign.

Assigning the Direct Bypassing Attribute

This attribute allows the user to bypass open sensors. If the user code does not have this attribute turned on, the code restricts the user from bypassing sensors directly.

➤ **To assign Direct Bypassing to a user:**

1. Enter the programming menus by pressing 9 + System or Partition Master CODE.
2. For Concord 4 systems, press 030 *nnn* 1 where *nnn* is user 000 through 229.
For Concord Express V4 systems, press 030 *nn* 1 where *nn* is the user 00 through 15.
3. To turn Direct Bypassing:
 - ◆ on, press 2 + #.
 - ◆ off, press 1 + #.
4. Press * + 00 + # to exit the programming menus.

Assigning the Remote Access Attribute

This attribute allows the user to access the security system from a telephone outside the protected premises. If the user code does not have this attribute turned on, the code restricts user from remote telephone access.

➤ **To assign Remote Access to a user:**

1. Enter the programming menus by pressing 9 + System or Partition Master CODE.

Note

The system will not accept the same code for two different users. To change System and Partition Master codes please see Appendix C: “Using Programming Menus”.

2. For Concord 4 systems, press 030 *nnn* 2 where *nnn* is user 000 through 229.
For Concord Express V4 systems, press 030 *nn* 2 where *nn* is the user 00 through 15.
3. To turn Remote Access:
 - ◆ on, press 2 + #
 - ◆ off, press 1 + #.
4. Press * + 00 + # to exit the programming menus.

Assigning the System Test Attribute

This attribute allows the user to perform system tests. If the user code does not have this attribute turned on, the code restricts the user from performing phone or sensor tests.

➤ **To assign System Testing to a user:**

1. Enter the programming menus by pressing 9 + System or Partition Master CODE.
2. For Concord 4 systems, press 030 *nnn* 3 where *nnn* is user 000 through 229.
For Concord Express V4 systems, press 030 *nn* 3 where *nn* is the user 00 through 15.
3. To turn System Testing:
 - ◆ on, press 2 + #.
 - ◆ off, press 1 + #.
4. Press * + 00 + # to exit the programming menus.

Assigning the Latchkey Report Attribute

This attribute causes the panel to send a message to a pager when the user changes system arming levels. See “Latchkey Paging”.

➤ **To assign Latchkey Report to a user:**

1. Enter the programming menus by pressing 9 + System or Partition Master CODE.
2. For Concord 4 systems, press 030 *nnn* 4 where *nnn* is user 000 through 229.
For Concord Express V4 systems, press 030 *nn* 4 where *nn* is the user 00 through 15.
3. To turn Latchkey Report:
 - ◆ on, press 2 + #.
 - ◆ off, press 1 + #.
4. Press * + 00 + # to exit the programming menus.

Assigning the Partition Access Attribute (Concord 4 systems only)

This attribute determines which partitions a regular user code can control. Only the System Master Code can be used to set this attribute.

➤ **To assign Latchkey Report to a user:**

1. Enter the programming menus by pressing 9 + System Master CODE.
2. Press 030 *nnn* 5 where *nnn* is user 000 through 229.
3. Enter the desired partition numbers (1 - 6) you want this user code to control. The numbers appear as you press the corresponding button. Remove undesired partition numbers by pressing the corresponding button. The numbers disappear from the display.
4. Press * + 00 + # to exit the programming menus.

Setting the Time and Date

Although the installer usually sets the time and date at the time of installation, the user can change it when necessary.

➤ **To set the System Time:**

1. Enter the programming menus by pressing 9 + System or Partition Master CODE.
2. Press 020.
3. Enter the correct time in 24-hour format (4 digits--see Figure 4), then press #. For example, if the current time is 7:23 a.m., press 0723 + #.

4. Press * + 00 + # to exit the programming menus.

<i>24-Hour Format</i>					
<i>00:00</i>	<i>Midnight</i>	<i>08:00</i>	<i>8:00 am</i>	<i>16:00</i>	<i>4:00 pm</i>
<i>01:00</i>	<i>1:00 am</i>	<i>09:00</i>	<i>9:00 am</i>	<i>17:00</i>	<i>5:00 pm</i>
<i>02:00</i>	<i>2:00 am</i>	<i>10:00</i>	<i>10:00 am</i>	<i>18:00</i>	<i>6:00 pm</i>
<i>03:00</i>	<i>3:00 am</i>	<i>11:00</i>	<i>11:00 am</i>	<i>19:00</i>	<i>7:00 pm</i>
<i>04:00</i>	<i>4:00 am</i>	<i>12:00</i>	<i>Noon</i>	<i>20:00</i>	<i>8:00 pm</i>
<i>05:00</i>	<i>5:00 am</i>	<i>13:00</i>	<i>1:00 pm</i>	<i>21:00</i>	<i>9:00 pm</i>
<i>06:00</i>	<i>6:00 am</i>	<i>14:00</i>	<i>2:00 pm</i>	<i>22:00</i>	<i>10:00 pm</i>
<i>07:00</i>	<i>7:00 am</i>	<i>15:00</i>	<i>3:00 pm</i>	<i>23:59</i>	<i>11:59 pm</i>

Figure 4. 24-Hour Format

➤ **To set the System Date:**

1. Enter the programming menus by pressing 9 + System or Partition Master CODE.
2. Press 021.
3. Enter the current date as 6 digits (*mm/dd/yy*) then press #. For example, if the current date is January 15, 2000, press 011500 + #.
4. Press * + 00 + # to exit the programming menus.

Adjusting System Sounds and Touchpad Brightness

Adjusting the Touchpad Beeps (Fixed Display Touchpad Only)

The frequency or pitch of chime and trouble beeps from each fixed display touchpad can be adjusted individually to a more desirable or distinct tone.

Chime and trouble beep tones sound using the default frequency during, or within 15 seconds of any button activity at that specific touchpad.

➤ **To change status tone pitch:**

1. Press and hold * + 0 until you hear a steady tone, then release the buttons.
2. Press and hold 1 to lower the pitch or press and hold 2 to raise the pitch.
3. Release the button when the desired pitch is heard.

After about 15 seconds of no touchpad activity, the steady tone stops sounding.

Adjusting the System Status Voice Volume

If your system includes an optional voice module, you may want to adjust the volume at which system status messages are announced.

➤ **To change the voice volume:**

1. Enter the programming menus by pressing 9 + System or Partition Master CODE.
2. Press 044.
3. Select a volume level 1 – 7 (7 being the loudest) and press #.
4. Press * + 00 + # to exit the programming menus.

Adjusting the Touchpad Display Brightness

You may want to change the brightness of a touchpad display based on its location in a building or room. For example, dim the touchpad display in a bedroom or enhance a display near a window.

Changing the touchpad display affects only the touchpad currently being used.

➤ **To change touchpad display brightness:**

1. Enter the programming menus by pressing 9 + System or Partition Master CODE.
2. Press 043.

3. Select a brightness level:
 - ◆ 0 + # Off
 - ◆ 1 + # Low
 - ◆ 2 + # Medium
 - ◆ 3 + # High
4. Press * + 00 + # to exit the programming menus.

After dimming the display, pressing any button momentarily returns the display to full brightness. After 15 seconds without touchpad activity, the display returns to the set dimmed level. If an alarm occurs while the display is dimmed, it automatically returns to the full brightness level and stays that way until you disarm your system.

Using the Energy Saver Feature

Use the optional Energy Saver feature to keep the premises within a user-designated temperature range. High and low temperature points that you set override your normal heating and air conditioning temperature settings. Doing so allows you to use more energy-efficient settings when you are away.

Energy Saver Example

- At your touchpad, you set a high temperature point (to trigger the air conditioner) and a low temperature point (to trigger the furnace). This needs to be done only once, but can be changed easily if necessary.
- Let's say that you usually keep the temperature in your home at 68° F, but since no one will be there during the day, you turn the Energy Saver feature on. If you've set the low temperature point to 55° F, the furnace will keep the house heated to 55° F.
- You're about to return home and would like the house to be heated to its normal 68° F when you arrive. If your system includes remote access, you can simply call home and turn the Energy Saver feature off, giving control back to the furnace thermostat (68° F).

Control your air conditioning temperatures in the same manner.

In addition to controlling temperature, the Energy Saver feature notifies the central monitoring station if your heating or air conditioning unit fails—before pipes freeze or pets are harmed by extreme heat or cold.

Setting the Energy Saver High and Low Temperature Settings

Initially, you must set the energy saver to the desired high and low temperatures. This is done only once, unless you want to change temperature settings.

The high and low settings you enter do not control heating and cooling systems, but determine the point at which the furnace or air conditioner is activated (see Figure 5).

Temperature settings can range from 45° to 90° Fahrenheit.

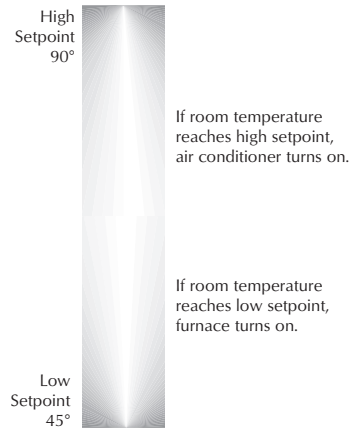


Figure 5. Energy Saver Setpoints

➤ **To set the Energy Saver temperature range from a touchpad:**

1. Enter the programming menus by pressing 9 + System or Partition Master CODE.
2. Press 070.
3. Enter the lowest temperature (45–89°F) you’ll allow before the furnace turns on, and press #.
4. Press B. Enter the highest temperature (46–90°F) you’ll allow before the air conditioner turns on, then press #.
5. Press * + 00 + # to exit the programming menus.

To override your normal heating or air conditioning settings, turn the Energy Saver feature on. When you are ready to return to your normal temperature control settings, turn Energy Saver off.

➤ **To turn Energy Saver on/off from any touchpad:**

1. Press 7 + 2. Alphanumeric touchpads display, “ENERGY SAVER IS ON,” for example.

Note
Disarming the system turns off the Energy Saver.

Notification by Pager

Your system can notify up to five different pager phone numbers to report system events. The installer can program any numeric pager to receive pages for one or more of the following groups.

High Level Reports		Low Level Reports	
Sensor Alarms	Freeze Alarms	Bypass Sensors	AC Power Failure
Tamper	Freeze Troubles	Low Battery	CPU Low Battery
Restorals	No Activity Alarm	Supervisory	Auto Phone Test
Phone Tests	Fire Panic	Trouble	CPU Back in Service
Receiver Failure	Police Panic	Phone Test	Phone Failure
Receiver Jam	Auxiliary Panic	Event Buffer Full	Touchpad Low Battery
Touchpad Tamper			
Bus Failures			
<ul style="list-style-type: none"> • Opening and Closing Reports • Latchkey Reports • Notify by Exception Reports 			

Pager Messages

When an event is reported on a numeric pager, the following information is included:

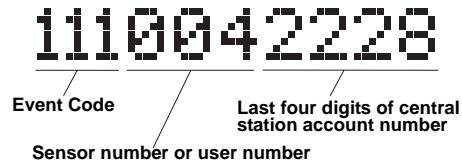


Figure 6. Pager Messages

Although all three types of information can be reported on your pager, your pager service determines how the information will actually appear.

Event Code in Page

This number identifies *what* has happened.

Code	Indicates
009	A sensor has been restored to its non-alarm state
111	System has been disarmed
115	Sensor test exit
118	System trouble has been fixed
119	System alarm condition has been cancelled
222	System armed to Level 2—STAY
333	System armed to Level 3—AWAY
555	System phone/sensor test
888	System has a trouble condition
999	System is in alarm condition

If a user arms the system to level 3 (AWAY) the pager will report that the system was armed to level 3 (333). However, if the system is armed from a hardwired touchpad and the user does not exit the premises, the arming level will revert to level 2 (STAY) without notifying the pager.

Sensor Number or User Number in Page

This number identifies *who* or *what* is causing the event.

Code	Indicates
000	System event not caused by a sensor or user
001 — 096	Sensor numbers (1-96 for Concord 4, 1-32 for Concord Express V4)
600 — 829	User codes used (00-229 for Concord 4, 00-15 for Concord Express V4)
830 — 835	Partition master codes used (Concord 4 systems only)
846	System Master code used
847	Installer code used
848	Dealer code used
850	Quick Arm used
851	Keyswitch sensor used
852	System armed itself because it is being serviced or powered-up

Account Number in Page

This number identifies *where* (which partition) the event is occurring.

Code	Indicates
XXXX	4-digits of account number

Streamlining the Page Report

You can choose to have the four account number digits reported with every page, or to exclude them. Each partition has its own account number, so seeing the digits is useful if multiple partitions are reporting to one pager.

Ask your dealer or installer if you would like the Streamline feature turned on.

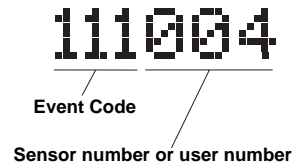


Figure 7. Pager Message with Streamline Feature On

Creating Time Schedules

Time schedules are windows of time defined by a start time, a stop time, and the days of the week these times are effective.

You can create up to 16 time schedules for setting up the following system features: light control, output control, arming, Latchkey Paging, and Notify by Exception reports.

A Touchtone phone can be used to create time schedules, but alphanumeric or fixed display touchpads work much better because of their extensive feedback. See Appendix C for phone programming instructions.

➤ To define a time schedule:

1. At an alphanumeric or fixed display touchpad, enter programming menus by pressing 9 + System or Partition Master CODE.
2. Press 05 *nn* 0 where *nn* is schedule 00 through 15.
3. Enter the start time in 24-hour format (00:00–23:59), then press #.
The touchpad displays the new start time.
4. To display the current stop time for this schedule, press B once.
5. Enter the stop time in 24-hour format, then press #. The touchpad displays the new stop time.
6. Press B until the touchpad displays a day of the week you wish to assign this schedule to.
7. Enter
 - ◆ 2 + # to include the day in the schedule (“ON”).
 - ◆ 1 + # to exclude the day in the schedule.
8. Press B to move to the next day of the week or press * and repeat steps 2–8 to define another time schedule.
9. When finished defining time schedules, press * + 00 + # to exit the programming menus.

Scheduling Consecutive Days

There may be instances when you’d like to schedule a feature event to start one day and stop the next day or a number of days later.

One Day Rollover

You can create a schedule that begins on one day, and stops the next day by using only one time schedule. (The stop time must be within 24 hours of the start time.)

Example 1 of One Day Rollover

At home you'd like the Latchkey Opening feature to be effective from 10 p.m. on Tuesday until 5 a.m. on Wednesday (see Figure 8 Example 1).

By taking advantage of One Day Rollover, one time schedule can cover both days. (That schedule is illustrated in Figure 8.)

Notice how the stop time is within 24 hours of the start time. The system knows to apply the stop time to the next day (5 a.m. on Wednesday).

Example 2 of One Day Rollover

Building on Example 1, let's say that you'd like the Latchkey Opening feature to be effective between 10 p.m. and 5 a.m., *Monday through Friday* (ending Saturday morning).

By simply applying the start and stop times to each day, one time schedule can cover the entire week (see Figure 8 Example 2).

Multiple Day Rollover

The simplest method for defining a window of time that spans multiple days is to use 99:99 to signify an open start or stop time.

Example of Multiple Day Rollover

At your business you'd like specific lights to remain lit from Friday afternoon through the weekend, until Monday morning.

In this situation, the lights need to be scheduled to roll over until they reach a recognizable stop time.

In the Figure 8 Example 3, Schedule Y is set up to begin at 4 p.m. on Friday afternoon. Since the stop time is 99:99, the lights will remain lit (roll over) until a recognizable stop time is reached.

Schedule Z is set up with an undefined start time (99:99), so if the lights were already lit, they will remain lit until the Schedule Z stop time is reached at 5 a.m.

Example 1		Example 2		Example 3	
	Schedule X		Schedule X	Schedule Y	Schedule Z
Start	22:00	Start	22:00	Start	16:00 99:99
Stop	05:00	Stop	05:00	Stop	99:99 05:00
Mon	OFF	Mon	ON	Mon	OFF ON
Tue	ON	Tue	ON	Tue	OFF OFF
Wed	OFF	Wed	ON	Wed	OFF OFF
Thur	OFF	Thur	ON	Thur	OFF OFF
Fri	OFF	Fri	ON	Fri	ON OFF
Sat	OFF	Sat	OFF	Sat	OFF OFF
Sun	OFF	Sun	OFF	Sun	OFF OFF
Part.	1	Part.	1	Part.	1 1

Figure 8. Time Schedule Rollover Examples

Attaching Time Schedules

For any schedule to be effective, it needs to be *attached* to a feature. One schedule can be attached to more than one feature event.

- See “Advanced Light Control” for information on attaching time schedules for light control.
- See “Controlling Outputs By Time Schedule” for information on attaching time schedules to outputs.
- See “Schedule Arming” for information on attaching schedules to Arming.

- See “Opening and Closing Reports” for information on creating opening and closing schedules.
- See “Latchkey Paging” for information on attaching time schedules to Latchkey Paging.
- See “Notify By Exception” for information on attaching time schedules to Notify by Exception.

Time Schedules and Partitions

Once a schedule is attached to a feature event in one partition, that schedule becomes unavailable to the other partitions. This prevents the situation where one partition changes a time schedule that inadvertently affects other partitions.

Advanced Light Control

You can control system lights from any touchpad, as discussed in “Basic Light Control”.

There are other lighting options that you or your installer can set up, including:

- Turning lights on and off according to a time schedule.
- Turning lights on after system arming for the duration of the Exit Delay.
- Turning lights on for the duration of the Entry Delay so you have enough light to see your way to the touchpad to disarm the system.
- Flashing lights on and off upon successful arming and disarming.

Controlling Lights By Time Schedule

Lights can be turned on according to time schedules. If you need assistance setting up a time schedule that fits your lighting needs, see “Creating Time Schedules”.

➤ **To schedule lights:**

1. At an alphanumeric or fixed display touchpad, enter the programming menus by pressing 9 + System or Partition Master CODE.
2. Press 0640 + #.
3. Press **B** until the touchpad displays the light number you would like to schedule. Refer to “Appendix A: User Sheets” to determine which light number is associated with which lamp.
4. Press #. The touchpad displays the first available time schedule.
5. Enter
 - ◆ 2 + # to assign the time schedule (“ON”) for this light.
 - ◆ 1 + # to make the time schedule inactive for this light.
6. Press **B** to go to the next time schedule, if needed, and turn the schedule on or off for this light.
7. When you’ve finished attaching the desired time schedules, press * + 00 + # to exit the programming menus.

Controlling Lights with Sensors

Your security system can be programmed to turn on a selected light or lights when sensors are activated. Each time the chosen sensor is activated, the attached light(s) will turn on for 5 minutes. When 5 minutes have passed since the last activation, the light(s) will turn off. For example, if you want house lights to turn on when you open the front door, simply attach the desired lights to the front door sensor.

➤ **To attach lights to sensors:**

1. At an alphanumeric or fixed display touchpad, enter the programming menus by pressing 9 + System or Partition Master CODE.
2. Press 080. The touchpad displays “LIGHT n TO Sn x” or “LT n SN x,” (where n is the light number and x is the sensor number).

Note

If a light is attached to a sensor and a schedule, the light will only turn on and off within the scheduled start and stop times.

3. Press **A** or **B** until the light number (1–9) you would like to activate appears.
4. Enter the sensor number (1–96 for Concord 4, 1-32 for Concord Express V4) you wish to activate the light and press #.
5. Press **B** to assign another light to a sensor or press * + 00 + # to exit the programming menus.

➤ **To detach lights from sensors:**

1. At an alphanumeric or fixed display touchpad, enter the programming menus by pressing 9 + System or Partition Master CODE.
2. Press **B** until the touchpad displays “ATTACH LIGHTS TO SENSORS” or “LITE TO SN” then press #.
3. The touchpad displays “LIGHT n TO Sn x” or “LT n SN x,” (where n is the light number and x is the sensor number).
4. Press **A** or **B** until the light number (1–9) you would like to deactivate appears.
5. Enter the sensor number as 0 (no sensor) and press #.
6. Press * + 00 + # to exit the programming menus.

Installer Programmable Lighting

If you would like specific lights to turn on during Entry and Exit Delay times, or if you would like a light to flash to indicate successful arming and disarming, contact your installer.

Controlling Outputs by Time Schedule

Outputs may be used to control devices in your home such as automatic window blinds. Outputs that your installer has enabled, can be turned on or off according to time schedules. If you need assistance setting up a time schedule that fits your needs, see “Creating Time Schedules”.

➤ **To schedule outputs:**

1. At an alphanumeric or fixed display touchpad, enter the programming menus by pressing 9 + System or Partition Master CODE.
2. Press 065 + #
3. The touchpad displays “OUTPUTS.” Press #.
4. Press **B** until the touchpad displays the output number you would like to schedule. Refer to “Appendix A: User Sheets” to determine which output is associated with which output number.
5. Press #. The touchpad displays the first available time schedule.
6. Enter
 - ◆ 2 + # to assign the time schedule (“ON”) for this output.
 - ◆ 1 + # to make the time schedule inactive for this output.
7. Press **B** to go to the next time schedule, if needed, and turn the schedule on or off for this output.
8. When you’ve finished attaching the desired time schedules, press * + 00 + # to exit the programming menus.

Scheduled Arming

The Scheduled Arming feature allows the panel to be armed to Level 3—AWAY according to a schedule. When an active schedule start time is reached the panel will exit User Programming, automatically bypass any open sensors, and arm to Level 3—AWAY.

The panel will *not* arm according to an active schedule if the start time is reached while:

- The panel is already armed to Level 3—AWAY.
- The panel is performing a phone or sensor test.

➤ **To schedule arming:**

1. At an alphanumeric or fixed display touchpad, enter the programming menus by pressing 9 + System or Partition Master CODE.
2. Press 0660 + #.
3. The touchpad displays “AWAY.”

Note
Schedules cannot be used to disarm the system.

4. Press #. The touchpad displays the first available time schedule as “SCHEDULE 00 OFF,” or “SCH 00 OFF.”
5. Enter
 - ♦ 2 + # to assign the time schedule (“ON”) to arm the panel.
 - ♦ 1 + # to make the time schedule inactive.
6. Press B to go to the next time schedule, if needed, and turn the schedule on or off for arming to AWAY.
7. When you’ve finished attaching the desired time schedules, press * + 00 + # to exit the programming menus.

Opening and Closing Reports

The Opening and Closing Reports feature allows pager holders and/or the central station to be notified whenever the system is armed and/or disarmed.

When Will this Feature Be Active?

The Opening and Closing Reports feature can be enabled only by the installer. There is nothing more that the user needs to program in order to receive the Opening and/or Closing pages.

If a pager holder no longer wishes to receive the reports, the pager holder needs to contact the installer to turn off this option for that pager.

Opening and Closing Reports occur without regard to any time schedule. There are no special codes that the user needs to enter in order for the page to be sent.

Who Will Be Paged?

Your system can call up to 5 different pager numbers, as well as the central station, to report an Opening and/or Closing Report.

Refer to “Appendix A: User Sheets” to see which pagers have been set up to receive a page for this feature. Contact the installer if you would like to turn Opening and Closing Reports on or off for any programmed pager or for the central station.

What Will the Pager Report?

For Opening Reports, the page reports the arming level as 111 (1—OFF) and the user.

For Closing Reports, the page reports the arming level as 222 (2—STAY) or 333 (3—AWAY), and the user that armed to that level. See “Notification By Pager” for more information.

Latchkey Paging

The Latchkey Paging feature allows programmed pager holders to be notified when the system is armed and/or disarmed during specific hours or under certain conditions. For example, you could program the Latchkey feature to page you if your child doesn’t arrive home and disarm the system (using a code with the Latchkey attribute) by the programmed Latchkey time.

Page In the Event of...

You can set up the Latchkey Paging feature to send a page in the following situations:

- Send a page when the system is disarmed. (*Latchkey Opening*)
- Send a page when the system is armed. (*Latchkey Closing*)

Who Will Be Paged?

Your system can call up to 5 different pager numbers to report a Latchkey Opening and/or a Latchkey Closing. Latchkey pages do not report to the central station.

Refer to “Appendix A: User Sheets” to see which pagers have been set up to receive a page for this feature. Contact the installer if you would like to turn Latchkey Paging on or off for any programmed pager.

Who Can Send a Page?

Only Latchkey-designated users can cause a Latchkey page to be sent. By default, this includes the first six Regular User codes. If you would like to include a keychain touchpad as a latchkey user, contact your installer. Any regular user code can be programmed with this attribute. See “Assigning Code Attributes”.

What Will the Pager Report?

For Latchkey Opening Reports, the page reports the arming level as 111 (1—OFF) and the user.

For Latchkey Closing Reports, the page reports the arming level as 222 (2—STAY) or 333 (3—AWAY), and the user that armed to that level. See “Notification By Pager”.

Latchkey Opening

The installer can set up Latchkey Opening for one of two types of use: Basic and Advanced.

Basic Latchkey Opening

If your system is set up for Basic Latchkey, there are two ways to send a Latchkey Opening page:

Based on Time Schedule Only

1. Assign the Latchkey Opening feature a time schedule. (This needs to be done only once.)
2. Arm the system.
3. Disarming of the system by a Latchkey-designated user within the assigned time schedule, sends an Opening page.

Based on Latchkey Modifier 6 Only

1. Arm the system, then press 6, or press the Lock button on a keychain touchpad after arming to 3—AWAY.
2. Disarming of the system by a Latchkey-designated user sends an Opening page, regardless of assigned time schedule:

Advanced Latchkey Opening

If your system is set up for Advanced Latchkey use, there is one way to send a Latchkey Opening page:

1. Assign the Latchkey Opening feature a time schedule. (This needs to be done only once.)
2. Arm the system, then press 6, or press the Lock button on a keychain touchpad after arming to 3—AWAY.
3. Disarming of the system by a Latchkey-designated user within the assigned time schedule, sends an Opening page:

In Advanced Latchkey use, paging is available only during the time schedule(s) that you assign to it.

Latchkey Closing

Latchkey Closing can be used alone, or in addition to Latchkey Opening.

1. Assign the Latchkey Closing feature a time schedule.
2. The system is disarmed.
3. Arming of the system by a Latchkey-designated user within the assigned time, schedule sends a Closing page:

A Touchtone phone can be used to set up Latchkey paging, but touchpads work much better because of their extensive feedback. See “Appendix C” for touchpad and phone programming instructions.

Assigning a Time Schedule to Latchkey Paging

Follow these steps to attach a time schedule to Latchkey Opening and/or Latchkey Closing. If you need assistance setting up a time schedule that fits your needs, see “Creating Time Schedules”.

➤ Scheduling Latchkey Opening and/or Closing:

1. At an alphanumeric or fixed display touchpad, enter the programming menus by pressing 9 + System or Partition Master CODE.
2. Press 0600 + #.

3. To schedule:
 - ♦ Latchkey Opening, press # when the touchpad displays “LATCHKEY OPENING” or “LATCH OPEN.”
 - ♦ Or, press B until the touchpad displays “LATCHKEY CLOSING” or “LATCH CLOSE,” then press #.

If you want a page to be sent every time Latchkey-designated user codes arm or disarm the system, apply the same time schedules under Latchkey Opening and Latchkey Closing.
4. The touchpad displays the first available time schedule.
5. Enter
 - ♦ 2 + # to assign the time schedule to the event.
 - ♦ 1 + # to make the time schedule inactive for the event.
6. Press # to secure your choice.
7. Press B to go to the next schedule and repeat step 5.
8. When you’ve finished attaching the desired time schedules, press * + 00 + # to exit the programming menus.

Applying the Latchkey Modifier


The Latchkey modifier (6) is pressed after the arming keypress sequence.

➤ **Applying the Latchkey modifier from a touchpad:**

1. At any touchpad, press 2 3 + CODE + 6.

The touchpad displays, “LATCHKEY PAGER ON” or “PAGER ON.”

➤ **To apply the Latchkey modifier using a keychain touchpad:**

Press the Lock  button when the system is armed to level 3—AWAY.

Note

6 must be pressed within 5 seconds of arming. If Quick Arm feature is on, an access code is not required. See “Quick Arm” for more information.

Notify by Exception

The Notify by Exception feature allows programmed pager holders and/or the central station to be notified when arming or disarming occurs outside of specified time schedules.

Here are two specific examples of how the Notify by Exception feature might be used in a business setting:

- Every morning you’d like to be notified if your business is disarmed after its normal opening time.
- Every evening you’d like to be notified if your business is armed before its normal closing time.

Page In the Event of...

You can set up the Notify by Exception feature to page in the following instances:

- Send a page if the system is disarmed before the Opening time schedule begins or after the Opening time schedule has ended. (*Exception Opening*)
- Send a page if the system is armed before the Closing time schedule begins or after the Closing time schedule has ended. (*Exception Closing*)

Who Will Be Paged?

Your system can call up to 5 different pager numbers to report an Open Exception and/or Closed Exception. You can request that the central station receive these two reports as well.

Refer to “Appendix A: User Sheets” to see which pagers have been set up to receive a page for this feature. Contact the installer if you would like to turn the Notify by Exception feature on or off for any programmed pager or the central station.

Who Can Send a Page?

All user codes and keychain touchpads will send a page if used while Notify by Exception feature is in effect.

What Will the Pager Report?

Exception Opening Reports report the arming level as 111 (1—OFF) and the user that disarmed the system.

Exception Closing Reports report the arming level as 222 (2—STAY) or 333 (3—AWAY), and the user that armed to that level. See “Notification By Pager”.

When Will this Feature Be Active?

The most typical setup of this feature makes use of both Exception Opening and Exception Closing. (It is possible to use only Exception Opening or only Exception Closing, however.)

Assigning a Time Schedule to Exception Opening and Closing

Follow these steps to define Opening and Closing schedules for Exception paging. If you need assistance setting up a time schedule that fits your needs, see “Creating Time Schedules”.

A Touchtone phone can be used to set up Notify by Exception, but touchpads work much better because of their extensive feedback. See “Appendix C” for programming instructions.

➤ Scheduling Exception Opening and/or Closing:

1. At an alphanumeric or fixed display touchpad, enter the programming menus by pressing 9 + System or Partition Master CODE.
2. Press 0620 + #.
3. To schedule:
 - ♦ Exception Opening, press # when the touchpad displays “EXCEPTION OPENING” or “ECEPT OPEN,” then press #.
 - ♦ Exception Closing, press B until the touchpad displays “EXCEPTION CLOSING” or “ECEPT CLOSE,” then press #.
4. The touchpad displays the first available time schedule.
5. Enter
 - ♦ 2 to assign the time schedule to the event.
 - ♦ 1 to make the time schedule inactive for the event.
6. Press # to secure your choice.
7. Press B to go to the next schedule and repeat step 5.
8. When you’ve finished attaching the desired time schedules, press * + 00 + # to exit the programming menus.

The No Activity Feature

The system can monitor the activity in your home and automatically call for help if normal activities are not detected within a defined period of time. For example, if someone falls and can’t move, the system detects that normal activities such as placing outgoing calls or opening doors and windows, have not occurred for a predetermined amount of time.

The system sounds a low-volume auxiliary alarm to let you know there may be a problem. If all is well, you can stop the siren by disarming your system. If no one disarms the system for 5 minutes, your system calls the central monitoring station. The central monitoring station will respond in accordance to the guidelines set forth in your monitoring agreement.

Refer to “Appendix A: User Sheets” to see if the No Activity feature is currently available to you and the duration of the No Activity setting. If the feature is not currently available to you and you wish to have it, contact your dealer.

Using the Panel Download Feature

Downloading is performed only by your dealer using software specifically designed for this system. It allows the dealer to change programming without sending a service person to the site.

Turning the Download feature on gives the dealer remote access to your system in order to:

- Update your account.

Note

Before allowing any download sessions, the system must be disarmed to level 1—OFF.

- Back up data from your system.
- Allow your dealer to quickly implement requested programming changes.
- **To enable/disable the Panel Download setting:**
 1. Enter the programming menus by pressing 9 + System or Partition Master CODE.
 2. Press 041.
 3. To turn Downloading:
 - ♦ on, press 2 + #. The dealer will be able to access your system remotely if necessary.
 - ♦ off, press 1 + #. The dealer will not be able to access your system remotely.
 4. Press * + 00 + # to exit the programming menus.

Using a Partitioned System (Concord 4 systems only)

Concord 4 systems can be set up by your installer to operate as a *multiple-partitioned system*. Partitioned systems provide security for up to six individual customers or areas of a building from a single control panel. Partitioned systems are useful in strip malls or multi-family housing.

Global Settings

Global system settings affect all partitions. Most are set by the installer. Global settings that are programmed by the user include:

- Time and Date
- System Master code

Partition-Specific Settings

Partition-specific settings affect only one partition. User-programmable, partition-specific settings include:

- 6 Partition Master codes (1 per partition)
- 230 Regular User codes (total for all partitions combined)
- 16 time schedules (total for all partitions combined)
- 9 Advanced Light Control set-ups available to each partition
- Latchkey feature
- Notify by Exception feature
- Scheduled Arming feature
- Speaker volume settings
- Energy Saver feature and its high and low setpoints.

To program any of these features for another partition, you must enter the User Programming menu from a touchpad in that partition, or *jump* into that partition, then enter the User Programming menu.

Jumping Partitions

Typically, you would operate Partition 1 from a touchpad within Partition 1. However, if you have access to Partition 3 and want to avoid walking a long distance to a Partition 3 touchpad, you can access Partition 3 from the Partition 1 touchpad by jumping partitions. Depending on how your installer programmed your system, you may or may not have to enter an access code to jump partitions.

The ability to jump to another partition is an attribute you assign to each user code (see “Assigning Code Attributes”). Each code has unique partition number assignments that it can control. By default, the System Master is the only code that can jump partitions. Refer to the “Appendix A: User Sheets” to see if any other access codes have the ability to jump partitions.

Note

If your system uses just one partition, skip this section.

➤ **To jump partitions using an access code:**

1. From any hardwired touchpad, press 8 + CODE + 6.

Touchpads display, “ENTER PARTITION” or “ENTER CMD.”

2. Press the desired partition number (1 - 6).

The touchpad sounds one short beep if the jump was successful. One long beep means the jump was not successful. Alphanumeric touchpads display the text in the newly entered partition.

3. Proceed to arm, disarm, or program as needed. The partition assignment reverts back if no touchpad buttons are pressed for 10 seconds.

➤ **To jump partitions without using an access code:**

1. From any hardwired touchpad, press 7 + 4.

Touchpads display, “ENTER PARTITION” or “ENTER CMD.”

2. Press the desired partition number (1 - 6).

The touchpad sounds one short beep if the jump was successful. One long beep means the jump was not successful. Alphanumeric touchpads display the text in the newly entered partition.

3. Proceed to arm, disarm, or program as needed. The partition assignment reverts back if no touchpad buttons are pressed for 10 seconds.

Arming and Disarming Another Partition

Any access code that can jump to another partition can control that partition. Once in the other partition, you must use a valid code for arming and disarming that partition.

Programming Another Partition

Only System Master and Partition Master codes can be used for programming. Only one partition can be programmed at a time. When one partition is in the programming mode, touchpads in the other partition are locked out from any programming activity. However, arming and disarming can continue.

Some partition-specific settings share resources, such as access codes and time schedules. For example, if Partition 1 uses Regular User numbers 00 through 20, Partition 2 will not be able to see or use those user numbers. The first Regular User number available for Partition 2 would be 21.

The allocation of time schedules works in much the same manner. There are 16 schedules that can be used by any partition, but as soon as Partition 1 attaches a schedule to any event, that schedule cannot be used by another partition, and vice versa.

Arming and Disarming Multiple Partitions at the Same Time

Your system may be set up to let you simultaneously arm and disarm more than one partition. This can be done from system touchpads or keychain touchpads assigned to the associated partitions.

➤ **To arm multiple partitions at the same time from a touchpad:**

1. Press 2 or 3 on any touchpad assigned to one of the partitions you want to arm. The display shows “ENTER CODE”.
2. Enter your Access Code. The display shows all the partitions that will be armed.
3. Press # to arm all displayed partitions.

Or,

Press the number of any partitions you don't want armed (the partition numbers disappear from the display), then press #.

➤ **To disarm multiple partitions at the same time from a touchpad:**



1. Press 1 on any touchpad assigned to the partitions you want to arm. The display shows “ENTER CODE”.
2. Enter your Access Code. The display shows all the partitions that will be disarmed.

Note



Check with your installer to identify which keychain touchpads can arm/disarm multiple partitions.

3. Press # to disarm all displayed partitions.
Or,
Press the number of any partitions you don't want disarmed (the partition numbers disappear from the display), then press #.
4. If desired, press 4 (No Delay) or 6 (Latchkey) to activate those features.

Notes on Arming/Disarming Multiple Partitions from Alphanumeric and Fixed Display Touchpads


- A partition cannot be armed or disarmed if it is being controlled by another source at that time. For example, if you are at a Partition 1 touchpad and are attempting to arm Partitions 1 and 2, a Partition 2 touchpad in use at that same time prevents arming of that partition.
 - Any arming modifiers (4—No Delay, 6—Latchkey) selected at arming apply to all associated partitions. However, silent arming (5—Silent) only affects the partition you are arming from. All other partitions sound exit beeps to notify occupants that those partitions are arming.
 - When arming multiple partitions, any conditions that prevent arming (open, trouble, active alarm, etc.) are identified on system touchpad displays with the affected partition number flashing. (If arming from a keychain touchpad, the condition is displayed on touchpad displays in the affected partition, while other touchpad displays show PROTEST). The normal protest/auto force arm sequence follows, or you can press * to cancel the arming request.
 - When disarming multiple partitions, any partitions in alarm have the affected partition number flashing on system touchpad displays. Pressing # cancels all alarms in the associated partitions. Alarm memory information is then displayed for all canceled alarms.
- **To arm multiple partitions at the same time from a keychain touchpad:**
Press the  Lock button.
- **To disarm multiple partitions at the same time from a keychain touchpad:**
Press the  Unlock button.

Notes on Arming/Disarming Multiple Partitions from Keychain Touchpads

- A partition cannot be armed or disarmed if it is being controlled by another source at that time. For example, if you press the  Lock button attempting to arm Partitions 1 and 2, a Partition 2 touchpad in use at that same time prevents arming.
- When arming multiple partitions, any conditions that prevent arming (open, trouble, active alarm, etc.) are identified on system touchpad displays in the affected partition, while other touchpad displays show PROTEST. The normal protest/auto force arm sequence follows, or you can press * on a system touchpad to cancel the arming request. Pressing the  Lock button again during the protest condition bypasses any open sensors in the associated partitions and arms those partitions.
- When disarming multiple partitions and alarms are active in one or more of the associated partitions:
 - a). Protest beeps sound for five minutes in all partitions being disarmed;
 - b). Partitions in alarm where sirens have timed out sound protest beeps for five minutes;
 - c). Partitions in alarm with active sirens continue sounding the alarm.

Warning!

Anytime alarms are active, the premises may not be safe to enter. Proceed as follows:

- 1.) **Leave and call for help from a safe location and wait for authorities to arrive.**
- 2.) **When it is determined safe to enter the premises, go to a system touchpad and check the system status to determine the alarm source. Disarm and alarm memory is displayed for all associated partitions.**
- 3.) **Press the  Unlock button a second time (within the five minute protest period) to disarm all associated partitions and cancel all alarms, then go to a system touchpad and check alarm memory to determine the alarm source.**

Macro Keys

Your system may include touchpads with macro keys that allow one-touch operation. These are four buttons located at the bottom of the touchpad. From the factory these buttons are labeled and work as follows:

- CHIME—press once to turn chime on, press again to turn chime off.
- STAY—press once to arm to Level 2—STAY.

Note
Macro Keys should not be programmed to disarm the system.

- EXIT—press once to use the Quick Exit feature.
- AWAY—press once to arm to Level 3—AWAY.

Your installer can also program these buttons to perform a system command different from those described. For example, instead of entering the command 2 + CODE + 4 + 6 (arm to STAY with No Delay and Latchkey), your installer can program one of the macro keys to perform the task with just one press. Check with your installer for more information.

System Information

There is information about your system that is useful to know. This includes the factory code, the system number, the system level, and software version.

After identifying the information for your system, make a note of it in the “Appendix A: User Sheets”.

➤ **To identify system information:**

1. Enter the programming menus by pressing 9 + System or Partition Master CODE.
2. Press 010.
 - ♦ The first information displayed is the factory code. For example, “F *nnn – nnnn*,” or “FACTORY CODE *nnn * nnnn*.”
 - ♦ Press B to display the system number. For example, “N – *nnnnnnnn*,” or “SYSTEM NUMBER *nnnnnnnn*.”
 - ♦ Press B to display the system level. For example, “L *nnnn*,” or “SYSTEM LEVEL *nnnn*.”
 - ♦ Press B to display the software version. For example, “P *nnnn*,” or “SW VERSION *nnnnx*.”
3. Press * + 00 + # to exit the programming menus.

Viewing the Event Buffer

Note
Fixed Display Touchpads cannot be used to view the event history.

You have the option to view the event history for each partition of your system. These events include arming, disarming, tampers, programming entries, just to name a few.

Overview

- The System Master Code can view all events from any partition. The partition masters can only view global system events and events related to their respective partition. Regular user codes cannot view event history.
- All partitions can view event history simultaneously, but only one touchpad at a time can view the history in each partition. While the event history is being viewed, all other controlling sources are disabled (except for panic alarm buttons) and non-viewing touchpads display “VIEWING EVENT BUFFER”.

➤ **To view event history:**

1. The current partition must be armed to level 1 or 2.
2. At an alphanumeric touchpad, press 8 + System or Partition Master CODE + 8.
 - The touchpad displays “VIEWING EVENT BUFFER” followed by the event description, date/time or details (user, source, zone, etc).
 - The most recent event appears first.
 - Scroll through the events by pressing the A (back) and B (forward) keys.
 - The C key is used to toggle the second line display between Date/Time and Details.
 - Press the * key to exit Viewing Event History.

- The Viewing Event History mode will exit automatically after one minute of inactivity **OR** when an alarm occurs.

The following table is a comprehensive list of displayed events and their associated details (partition, current arming level, zone, bus unit number, source and user). If details are displayed for an event an X will appear in the table.

- Partitions are displayed as P1 - P6, depending on which partition the event occurred.
- Current Arming Level will display Lx, where x is the current arming level of the event.
- Zone will display Zx, where x is the zone of the event.
- Bus Unit Number will display Bx, where x is the unit number of the Bus device.
- Source will display Sxxx, where xxx is the source number in the event (see table on source numbers for more information).
- User will display Uxxx, where xxx is user number in the event (see table on user numbers for more information).

Event	Display	Partition	Current Arming Level	Zone	Bus Unit Number	Source ¹	User ²
AC Power Failure	AC POWER FAILURE	X					
AC Power Restoral	AC POWER RESTORAL	X					
Antenna Tamper	RCVR TAMPER	X			X		
Arming Level Change ³	ARM LEVEL CHANGE	X				X	X
Auto Force Arm	AUTO FORCE ARM	X				X	X
Auto Phone Test	AUTO PHONE TEST	X					
Auxiliary Panic	AUXILIARY PANIC	X				X	
Auxiliary Panic Cancelled	AUXLRY CANCELLED	X				X	
Bus Cover Tamper	BUS TAMPER	X			X		
Bus Failure	BUS FAILURE	X			X		
Closing Report	CLOSING REPORT	X	X			X	X
CPU Back In Service	BACK IN SERVICE	X				X	
CPU Battery Restoral	BATTERY RESTORED	X					
CPU Low Battery	CPU LOW BATTERY	X					
Daylight Savings Time Adjust	DAYLIGHT SAVINGS						
Download Session Entry	DOWNLOAD ENTRY						
Download Session Exit	DOWNLOAD EXIT						
Duress Alarm	DURESS	X				X	
Event Buffer Viewing Entry	EVENT VIEW ENTRY	X				X	X
Event Buffer Viewing Exit	EVENT VIEW EXIT	X				X	X
Fire Panic	FIRE PANIC	X				X	
Fire Panic Cancelled	FIRE CANCELLED	X				X	
Force Arm	FORCE ARM	X				X	X
Installer Programming Entry	INST PROG ENTRY	X				X	X
Installer Programming Exit	INST PROG EXIT	X				X	X
Lost Event (buffer overflow)	LOST EVENT						
Main Unit Tamper	MAIN UNIT TAMPER	X					
Memory Clear	MEMORY CLEAR						
Memory Failure	MEMORY FAILURE						
No Activity Alarm	ACTIVITY ALARM	X					

Event	Display	Partition	Current Arming Level	Zone	Bus Unit Number	Source ¹	User ²
No Activity Cancelled	ACTIVITY CANCEL	X				X	
Opening Report	OPENING REPORT	X	X			X	X
Phone Failure	PHONE FAILURE	X					
Phone Line Test Failure	PHONE LINE FAIL	X					
Phone Line Test Restoral	PH LINE RESTORED	X					
Phone Test	PHONE TEST	X				X	X
Police Panic	POLICE PANIC	X				X	
Police Panic Cancelled	CANCELLED	X				X	
Receiver Failure	RECEIVER FAILURE	X			X		
Receiver Jam	RECEIVER JAM	X			X		
Recent Closing	RECENT CLOSING	X				X	X
Remote Access Lockout	REMOTE LOCKOUT						
Repeater Jam	REPEATER JAM	X		X			
Repeater Jam Restoral	JAM RESTORED	X		X			
Siren Trouble	SIREN TROUBLE						
Swinger Shutdown	SWINGER	X		X			
Time Change	TIME CHANGE						
Touchpad Tamper	TOUCHPAD TAMPER	X				X	
Touchpad Tamper Cancelled	TP TAMPER CANCEL	X				X	
Two Trip Error	TWO TRIP ERROR	X		X			
User Programming Entry	USER PROG ENTRY	X				X	X
User Programming Exit	USER PROG EXIT	X				X	X
Zone Alarm	ALARM	X		X			
Zone Alarm Cancel	ALARM CANCELLED	X		X			
Zone Alarm Restoral	ZONE RESOTRED	X		X			
Zone Battery Restoral	BATTERY RESTORED	X		X			
Zone Bypass	BYPASSED	X		X		X	
Zone Low Battery	LOW BATTERY	X		X			
Zone Supervisory	SUPERVISORY	X		X			
Zone Tamper	TAMPER	X		X			
Zone Trouble	TROUBLE	X		X			
Zone Trouble Restoral	TROUBLE RESTORED	X		X			
Zone Unbypass	UNBYPASSED	X		X		X	

¹ Source information is shown only if the information was available when the event was buffered.

² User information is shown only if the information was available when the event was buffered.

³ Line two of the display also contains "P-C" where P is the previous arming level and C is the current arming level.

User information is shown in the following table.

Detail Screen Display	User
U001 - U096	Wireless Touchpad or Keyfob

Detail Screen Display	User
U600 - U829	Regular User Codes 000 - 229
U830 - U835	Partition Master Codes 1 - 6
U838 - U843	Partition Duress Codes 1 - 6
U846	System Master Code
U847	Installer Code
U848	Dealer Code
U849	AVM Code
U850	Quick Arming
U851	Keyswitch Arming
U852	System

Source information is shown in the following table.

Detail Screen Display	Source
S00	Premise Phone
S01	Phone During Conversation
S02	Remote Phone
S06	Auto Stay Arming
S07	Automation Module
S08	Keyswitch Arming Zone
S09	System
S1xx (xx = Zone Number)	Keychain Touchpad
S1xx (xx = Zone Number)	Wireless Touchpad
S3xx (xx = Bus Unit Number)	Alphanumeric Touchpad
S6xx (xx = Bus Unit Number)	Fixed Display Touchpad

Using a Touchtone Phone to Operate Your System

Your system may be equipped with an option that allows system operation from a Touchtone phone, on or off the premises.

This option enables programmed text to be spoken through the phone and/or broadcast through interior speakers. Except for custom words, the voice speaks the text that appears on alphanumeric touchpads in the system.

Phone Command Prefix

What distinguishes a call to the panel from any other out-going or incoming call is the use of the Phone Command Prefix:

- In the case of on-site operation, if the Phone Command Prefix is dialed first (within 5 seconds of picking up the phone), the panel waits for a valid access code or command.
- If the system is being accessed remotely, the Phone Command Prefix is used in conjunction with the access code.

The prefix is usually #, but can be changed to * by the installer. If your prefix has been changed, use * as the first key you press instead of #.

Accessing the System from Off-site

To access the system from off-site, the system needs to recognize two things about the call:

- The panel needs to recognize that it should answer the phone.
- The panel needs to recognize that the code entered has the authority to operate the system from off-site.

When using a cellular phone to operate the system, follow the off-site operating instructions.

How the Panel Answers the Phone

When you call the panel, it needs to recognize that it should answer the incoming call. This is accomplished by one of two methods:

- Ring-Hang-Ring method
- Twelve-Ring method

Ring-Hang-Ring Method

You can use this method if there is no chance that an answering machine or person will pick up the call on the first ring.

1. Call the panel. (In most cases this is the same number as the regular phone.)
2. Let the phone ring once, then hang up.
3. Wait between 8 and 30 seconds, then call the system again. This time the panel will answer (“*System hello*,”) on the first ring.
4. Enter # (your designated Phone Command Prefix).
5. Enter your access CODE. You hear a short status message, such as, “*System is OK*.”
6. Proceed with system commands.

Twelve-Ring

You can use this method if there is no chance that an answering machine or person will pick up the call before the twelfth ring.

1. Call the panel and let the phone ring. The panel will answer “*System hello*” after the twelfth ring.
2. Enter # (your designated Phone Command Prefix).
3. Enter your access CODE. You hear a short status message, such as, “*System is OK*.”
4. Proceed with system commands.

Codes with Remote Access Capability

The ability to access the system from off-site is determined by a code attribute (see “Assigning Code Attributes”).

Check the User Sheets in Appendix A to see which access codes have the ability to operate the system from off-site.

Touchtone Phone System Operation

Phone operation of your system involves 2 steps:

Step 1. Use a Touchtone phone to access the system.	
Local Phone Access	Pick up the phone. Within 5 seconds of picking up the phone receiver, enter # (or *).
Remote Phone Access	Use the Ring-Hang-Ring or the Twelve-Ring method to get the system to answer the call. Then enter # (or *) + CODE

Step 2. Enter the command.	
Disarm the system	# + 1 + CODE
Arm to Level 2*	# + 2 + CODE
Arm to Level 3*	# + 3 + CODE
Send a Police panic alarm	* + * + * + * + * + * + * (Available from on-site only.)
Arm system with No Delay*	# + 2 + CODE + 4 <i>or</i> # + 3 + CODE + 4
Arm to enable Latchkey*	# + 2 + CODE + 6 <i>or</i> # + 3 + CODE + 6
Arm system with exit lights off*	# + 2 + CODE + 0 <i>or</i> # + 3 + CODE + 0
Bypass a sensor	Indirectly: Arm system + # + # Directly: # + # + CODE + <i>Sensor Number</i>
Arm silently*	# + 5 + 2 + CODE <i>or</i> # + 5 + 3 + CODE
Turn all lights on/off	# + 0 + 0
Turn specific lights on/off	# + 0 + <i>Light number (1–9)</i>
Cancel an accidental alarm	# + 1 + CODE <i>or</i> # + CODE
Check the system status	# + * for short status # + ** for full status
Turn Chime on/off	# + 7 + 1
Turn Energy Saver on/off	# + 7 + 2
Disable local phone access	# + 7 + 3 (on-site only) <i>or</i> Wait 5 seconds after picking up a local phone.
Check alarm memory	# + 7 + 6
Activate Outputs	# + 7 + 7 + <i>Output number (1–6)</i>
* If Quick Arm feature is on, access code is not required. See page 6 for more information.	

Activating a Police Panic Alarm

Your system can be set up so you can activate a Police panic alarm from an on-site Touchtone phone. If your system is set up for this:

- Press the * repeatedly, regardless of your phone command prefix key.
- Do not wait more than two seconds between key presses. Continue pressing * even if you hear the system voice interrupt with a system status.

Off-site Touchtone phones cannot activate this alarm.

Phone Questions?

What if someone calls while I'm operating the panel?

If the phone rings while you're using it to operate the system, you'll hear one long beep for each ring from interior speakers and phones. You can answer the call by simply hanging up on the system, then answering the call as you normally would.

You'll have to initiate another session to resume system operation.

Can I control the system while I'm talking on the phone?

No.

How do I perform other phone operations without commanding my security system?

You can use your phone for transactions such as banking from home by temporarily disengaging phone control to your security system. The following procedure will work for one call at a time.

➤ **To disengage local phone control:**

1. Pick up the phone and press # + 7 + 3. The system responds by returning a dial tone.
2. Wait about 5 seconds for the system to disable local phone control, then make the desired phone call.

After you hang up, the system automatically enables phone control.

Testing the System

The system contains a test mode that allows you to test sensors and panic signals without creating false alarms in monitored systems. Please follow the instructions in this section carefully.

Automatic Test Features

Your security system automatically monitors for problems like power failures, low batteries, sensors that aren't working, and communication trouble with the central monitoring station.

When your system detects a problem, trouble beeps sound to alert you. See "Troubleshooting" for an explanation of trouble beep causes and what you can do to fix the problem.

Manual Tests

There are weekly system tests you can do yourself as an added safeguard. Taking time to do these tests will familiarize you with your system and alert you to anything unusual, such as cut phone lines or sensors that have been tampered with.

Sensor Test

This test verifies that the sensors in your system are operating correctly. The ability to conduct a sensor test is a code attribute.

Check the User Sheets in Appendix A to see which access codes have the ability to conduct a sensor test. See "Assigning Code Attributes" or talk to your installer for information on changing code attributes.

Sensor test reports are sent to the central station at the beginning and end of system tests.

➤ **To enter Test Mode:**

1. Make sure the system is disarmed to Level 1—Off. The system will not let you enter sensor test mode unless it is disarmed.
2. Press 8 + CODE + 3.

Touchpads display, "Press Status. System Armed to Sensor Test," or "SENSOR TEST *nm* MINUTES LEFT." When less than 5 minutes remain in Test Mode time, the system sounds a short beep every 60 seconds. System test

3. Follow the test procedure for each device as listed in the following table.

Important !
Do not attempt to test sensors by tripping them while the system is armed. This can result in authorities being dispatched to the site, which could result in a fine.

➤ **To perform a phone communication test:**

1. Disarm the system.
2. Press 8 + System or Partition Master CODE + 2.
 - ◆ touchpads display, “PHONE TEST” or “System Armed to PHONE TEST.”
3. If the phone test is successful:
 - ◆ systems with the optional voice feature will announce, “Report OK.”

Within a few minutes, the touchpad display should return to the Level 1 display. If it does not return in three minutes, note how long before the Level 1 display returns and contact the installer.

After the test has started, the arming level can be changed to 1—Off, then to 2—Stay or 3—AWAY, if you wish.

Testing Sirens

The purpose of this test is to verify that the panel is activating sirens with the appropriate warning sounds.

➤ **To perform an alarm siren warning sound test:**

1. Contact the central monitoring station to inform them that you will be activating alarms and **they should not dispatch authorities.**
2. Activate alarms of each type (fire, police, auxiliary), one at a time.
3. Listen for the appropriate siren sound when each alarm is activated (see the “Alarm Sounds and Status Beeps” table on page 50).
4. Contact the central monitoring station to inform them when you are finished activating alarms.

Important !

You must contact the central monitoring station before activating any alarms. Otherwise, authorities will be dispatched to the site which could result in a fine.

Troubleshooting

Your security system uses a variety of different alarm sirens, status beeps, voice messages and trouble beeps to communicate with you. The next few pages describe the different sounds and what they mean. Try to familiarize yourself with the differences. You will hear sounds each time you tell your security system to do something, like arm or disarm. Some sounds you will hear only when there is a problem with the system, like a low battery. There are also sounds you will only hear in an emergency. Getting to know your system sounds allows you to react quickly and appropriately to the messages you hear.

Trouble Beeps and Trouble Messages

When your system detects a problem, it lets you know by sounding trouble beeps from system touchpads and sirens, and by displaying trouble signals as messages on touchpads.

Trouble beeps are a series of five short beeps once a minute.

The table on the next page lists the causes of trouble beeps, the visual display you can expect to see, and possible solutions for the trouble condition.

Silencing Trouble Beeps

If possible, correct the situation which is causing the trouble beeps. If this is not possible, call for service. If the problem is not corrected, trouble beeps and messages start again 4 or 10 hours later.

Your security system also has a feature that will prevent trouble beeps from starting during normal sleeping hours. This “sleep time” period is normally set from 10 pm to 8 am. Contact your installer if you wish to verify or change this setting.

➤ **To silence trouble beeps:**

1. Perform a system status check by pressing * on a touchpad,
2. Change the arming level.

The table on the next page describes the conditions under which trouble beeps occur and when they begin. (These sounds are heard from interior sirens and touchpads if available.)

Common Questions and Answers

Q. I can't arm my system.

A. Try the following:

- If arming to Level 2—STAY or Level 3—AWAY, make sure all monitored perimeter doors and windows are closed.
- Press * for a system status and for clues to the problem.
- Call the installer.

Q. I cannot bypass a sensor: my alphanumeric touchpad displays "INVALID" and my fixed display touchpad sounds a single, long beep.

A. Possible explanations include:

- The sensor you're trying to bypass may not be active in the current arming level. For example, an interior motion detector will not be active in Level 2—STAY.
- You may be trying to bypass a 24-hour sensor that cannot be bypassed, such as a smoke detector.
- Your access code has not been assigned the direct bypassing attribute. See "Assigning the Direct Bypassing Attribute".

Q. I can't arm my system to Level 3—AWAY.

A. If a delay door is open while you're trying to arm the system to Level 3 or a delay door was not activated after the arming attempt, the system will arm to Level 2 instead. Close the delay door, arm the system to Level 3, then exit through a delay door.

Phone Issues

Q. How do I disable my system long enough to retrieve messages from work or to do banking over the phone?

A. Solutions include:

- Disengage the security system from local phone control by entering # + 7 + 3. The system responds by returning a dial tone.
- Pick up the phone receiver and wait 5 seconds before dialing *any* numbers. After the 5 second period, the system disables local phone control and ignores phone commands.

Lighting Issues

Q. My lights don't come on automatically as they've been programmed to do.

A. Try the following:

- Does the lamp have a working bulb?
- Is the lamp plugged in at a working outlet that is *not* controlled by a light switch?
- Is the lamp plugged in to a lamp module?
- Make sure that you've attached the correct time schedule as described in "Advanced Light Control".
- Check to see that you've set up the time schedule correctly as described in "Creating Time Schedules".
- Check the User Sheets in Appendix A to see in which partition the light is set up to be active.

Touchpad/Voice Feedback After Pressing * Key	Trouble Condition
AC POWER FAILURE	The panel power transformer may be unplugged or there may be an AC power outage. If the transformer is plugged in, check the circuit breaker or fuse that controls that outlet. The backup battery will take over, but if AC power is not restored within 15 minutes, the system will alert you and the central monitoring station (if your system is monitored). It reports again when power is restored.
LOW BATT	The emergency backup battery in the control panel is low and must be recharged or replaced. If AC power is out, the security system may shut down once the battery is below the operating level. When AC power is restored, the panel recharges the battery. If the trouble condition exists more than 24 hours after AC power is restored, call your security dealer for service.
SENSOR SUPERVISORY	There is a problem with how the sensor is communicating with the panel. 1. Test the sensor in Test Mode. 2. If testing the sensor does not clear the trouble condition, call your security dealer for service.
SENSOR TROUBLE	A sensor may have an internal problem or a fire/smoke sensor may not have properly reset after activation, or the sensing chamber may be dirty or partially obstructed. 1. Test the sensor in Test Mode. 2. If testing the sensor does not clear the trouble condition, call your security dealer for service.
SENSOR XX LOW BATTERY	A sensor has a low battery. 1. Disarm the system. 2. Remove the sensor cover. If the battery is an Alkaline AA or AAA, change the battery. If the battery is any other type, call your security dealer for service.
SENSOR XX TAMPER	A sensor cover is off or open. Secure the cover and trip the sensor to clear the tamper condition.
PHONE FAILURE TROUBLE	The system can't communicate with the central monitoring station. The system tries to report to the central station three times before indicating Phone Failure Trouble, then makes five more reporting attempts. 1. Make sure the panel is connected to the special phone jack installed by your security dealer. 2. Disconnect the panel from the special phone jack and check phones for dial tone. If you hear a dial tone, call your security dealer for service. If you don't hear a dial tone from any phones, telephone service in your area may be out. Phone Failure Trouble takes precedence over other system problems, so you must clear the Phone Failure message (by disarming the panel) before you're able to see other system messages.
RECEIVER INTERFERENCE or RECEIVER FAILURE	There is a receiver failure or receiver interference problem. Call your security dealer for service.
MEMORY FAILURE or all text is lit on a fixed display touchpad	There is a system memory failure. Call your security dealer for service.
AUXILIARY PHONE TROUBLE X	There is a problem with the cellular backup reporting portion of your system. Call your security dealer for service.
AUX POWER FAIL	There is a problem with the power supplied to parts of the system. Call your security dealer for service.
BUS FAILURE UNIT NN	There is a problem with one of the peripheral devices in your system. Call your security dealer for service.

Touchpad Information

Alphanumeric and Fixed Display Touchpads

Status beeps and Key beeps are programmable by the installer. The Silent Arming feature is user-programmable.

Note
Protest beeps will always sound when bypassing.

Location of TP	Ptn. (1-6)	Status Beeps	Key Beeps
		On/Off	On/Off
		On/Off	On/Off
		On/Off	On/Off
		On/Off	On/Off
		On/Off	On/Off
		On/Off	On/Off
		On/Off	On/Off
		On/Off	On/Off
		On/Off	On/Off
		On/Off	On/Off

Is Touchpad Tamper feature on?

- Yes. If, when the system asks for a code, more than 40 touchpad keys are pressed in rapid succession and those keystrokes are not part of a valid access code, a siren will sound.
- No. Multiple keypresses that are not part of a valid access code will not send an alarm.

Keychain Touchpads

There are _____ keychain touchpads in use in the system.

Keychain Touchpad 1

- Active for Partition: 1 2 3 4 5 6
- Latchkey User: Y N

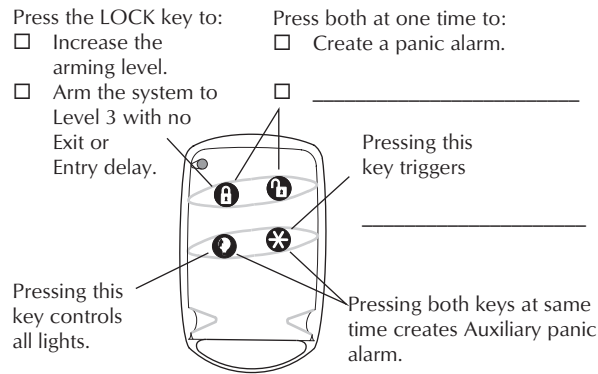


Figure 9. Keychain Touchpad 1

Keychain Touchpad 2

- Active for Partition: 1 2 3 4 5 6
- Latchkey User: Y N

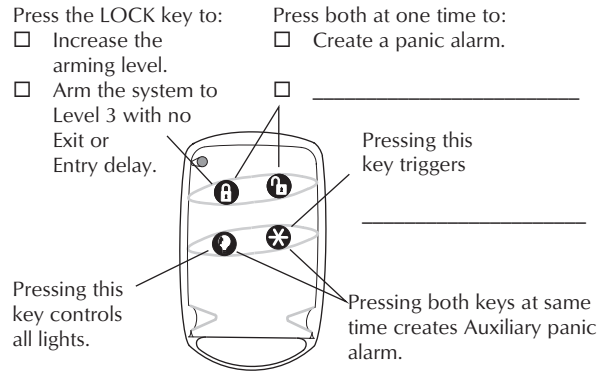


Figure 10. Keychain Touchpad 2

Keychain Touchpad 3

- Active for Partition: 1 2 3 4 5 6
- Latchkey User: Y N

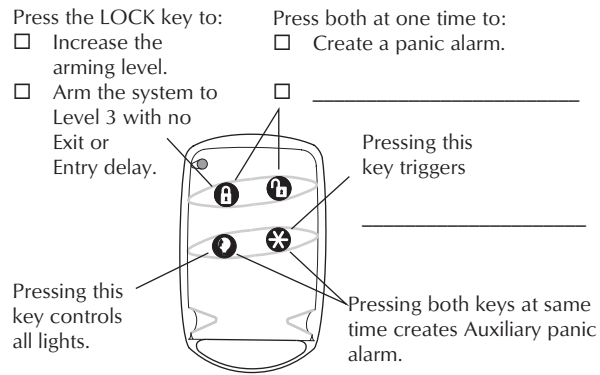


Figure 11. Keychain Touchpad 3

Keychain Touchpad 4

- Active for Partition: 1 2 3 4 5 6
- Latchkey User: Y N

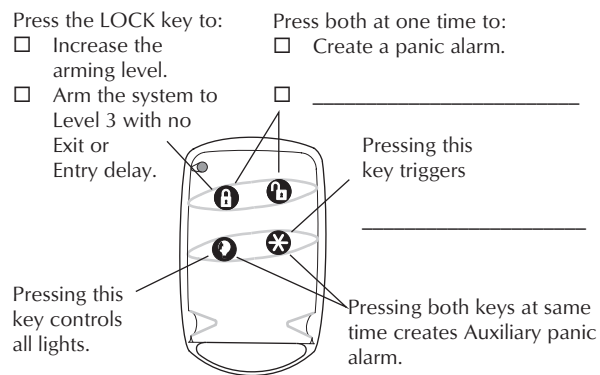


Figure 12. Keychain Touchpad 4

Accidental Smoke and Fire Alarms

➤ To silence the alarms and reset the sensor:

1. Press CODE or 1 + CODE, once to silence the alarm.
2. Press 1 + CODE, again to reset the smoke alarm.

Smoke and fire panic alarms cannot be cancelled and are always reported to the central station.

If, after disarming the system once, the system still thinks a sensor is open, disarm the system again.

In the event of an accidental smoke or fire alarm, follow these dealer instructions:

Dialer Abort

- I have ____ seconds to cancel an accidental intrusion or auxiliary alarm before it is reported to the central station.

Doors and Delay Time Settings

When the system is armed, enter and exit the premises only through designated delay doors.

Entry Delay Time: The time allowed to enter the premises and disarm the system.

Exit Delay Time: The time allowed to leave the premises after arming the system.

	Door Location	Ptn.	Entry Delay	Exit Delay
1		1	:	:
2		2	:	:
3		3	:	:
4		4	:	:
5		5	:	:
6		6	:	:

System Features

Feature	My system features include:
Quick Arm	<input type="checkbox"/> Yes. Press the arming level desired. <input type="checkbox"/> No. Enter arming level, then access code.
Quick Exit	<input type="checkbox"/> Yes. Press D and exit your armed premises through a delay door within 2 minutes. <input type="checkbox"/> No. I need to disarm my system in order to exit the premises.
Exit Extension	<input type="checkbox"/> Yes. If I re-enter the armed premises during the Exit Delay time, the panel will restart the Exit Delay time. <input type="checkbox"/> No. If I re-enter the armed premises during the Exit Delay time, it will continue to count down and I must disarm the system.
Keyswitch Arming	<input type="checkbox"/> Yes. I can use a key to arm the system. The switch is located: <hr/> <input type="checkbox"/> No.

If the Power Goes Out

Your system has a backup battery that keeps your system operational during a power failure. An optional feature allows your system to alert the central monitoring station if the power is off for 15 - 45 minutes. It reports again when power has been restored.

No Activity Time

Ptn.	No Activity Feature
1	<input type="checkbox"/> Yes. If there is no activity in my system for ____ hours (1-42, default 24), the system will send a No Activity report to the central station. <input type="checkbox"/> No. My system does not use this feature.
2	<input type="checkbox"/> Yes. If there is no activity in my system for ____ hours (1-42, default 24), the system will send a No Activity report to the central station. <input type="checkbox"/> No. My system does not use this feature.
3	<input type="checkbox"/> Yes. If there is no activity in my system for ____ hours (1-42, default 24), the system will send a No Activity report to the central station. <input type="checkbox"/> No. My system does not use this feature.
4	<input type="checkbox"/> Yes. If there is no activity in my system for ____ hours (1-42, default 24), the system will send a No Activity report to the central station. <input type="checkbox"/> No. My system does not use this feature.
5	<input type="checkbox"/> Yes. If there is no activity in my system for ____ hours (1-42, default 24), the system will send a No Activity report to the central station. <input type="checkbox"/> No. My system does not use this feature.
6	<input type="checkbox"/> Yes. If there is no activity in my system for ____ hours (1-42, default 24), the system will send a No Activity report to the central station. <input type="checkbox"/> No. My system does not use this feature.

Resetting the Smoke Detector

To reset smoke detectors:

- They are reset automatically.
- Press the reset switch.
- Enter Disarm command twice.

System Information

System Information	Code
Factory code	
System number	
System level	
Software version	

Paging

For what events will the central station or pagers be notified?

	CS 1	CS 2	CS 3	Pagers				
				1	2	3	4	5
High Level Reports								
Low Level Reports								
Opening/Closing Reports								
Latchkey Reports	N/A	N/A	N/A					
Exception Reports								
Stream-lining	N/A	N/A	N/A					
Partition	N/A	N/A	N/A					

According to my pager provider, the central station account number will appear as:

Lights

Record the house codes for each partition and location of each light below.

Partition 1—House Code _____

Partition 2—House Code _____

Light	Location of Light	Light	Location of Light
1		1	
2		2	
3		3	
4		4	
5		5	
6		6	
7		7	
8		8	
9		9	

Partition 3—House Code _____

Partition 4—House Code _____

Light	Location of Light		
1		1	
2		2	
3		3	
4		4	
5		5	
6		6	
7		7	
8		8	
9		9	

Partition 5—House Code _____

Partition 6—House Code _____

Light	Location of Light		
1		1	
2		2	
3		3	
4		4	
5		5	
6		6	
7		7	
8		8	
9		9	

Outputs

Output	Ptn.	Location	Name
1			
2			
3			
4			
5			
6			

Energy Saver

Ptn.	Low Temp. Setting	High Temp. Setting
1	____ °F	____ °F
2	____ °F	____ °F
3	____ °F	____ °F
4	____ °F	____ °F
5	____ °F	____ °F
6	____ °F	____ °F

Alarm Sounds and Status Beeps

Alarm Type	Alarm Sound
Fire	Repeating series of three beeps.
Police	Continuous tone.
Auxiliary	Rapid Beeps.

Beep Type	Beep Sound
Exit Delay	2 or 3 beeps (indicating arming level), followed by 1 beep every 4 seconds, followed by 10 seconds of quick beeps (indicating end of exit delay), followed by 2 or 3 beeps (indicating set arming level).
Entry Delay	2 beeps every 2 seconds, followed by 2 beeps every second for the last 10 seconds.
Chime	2 beeps whenever a protected door or window is opened.
Chime on Close	1 long beep when a protected door or window is closed.
Protest	Repeating pattern of 1 long beep, followed by 1 short beep, followed by 1 long beep.
Trouble	5 short beeps once every minute.
Sensor Test	1 short, high-pitched beep when a sensor/touchpad tests OK. 1 short, low-pitched beep when a sensor/touchpad fails a test. Contact your dealer for information or service. 1 short beep every minute during the last 5 minutes of sensor test.

Appendix B: Planning for Emergencies

Develop plans for a variety of emergency situations. Periodically discuss and rehearse emergency plans that include the following:

- Understand how to use your security system.
- Know the normal state of doors and windows; open, closed, or locked.
- Use a different escape route if closed doors feel hot to the touch.
- Emphasize that everyone should escape as quickly as possible. Do not stop to gather any belongings.
- Crawl and hold your breath as much as possible to help reduce smoke inhalation during your escape.
- Meet at a designated outdoor location.
- Emphasize that no one should return to the premises if there is a fire.
- Notify fire department from a neighbor's phone.

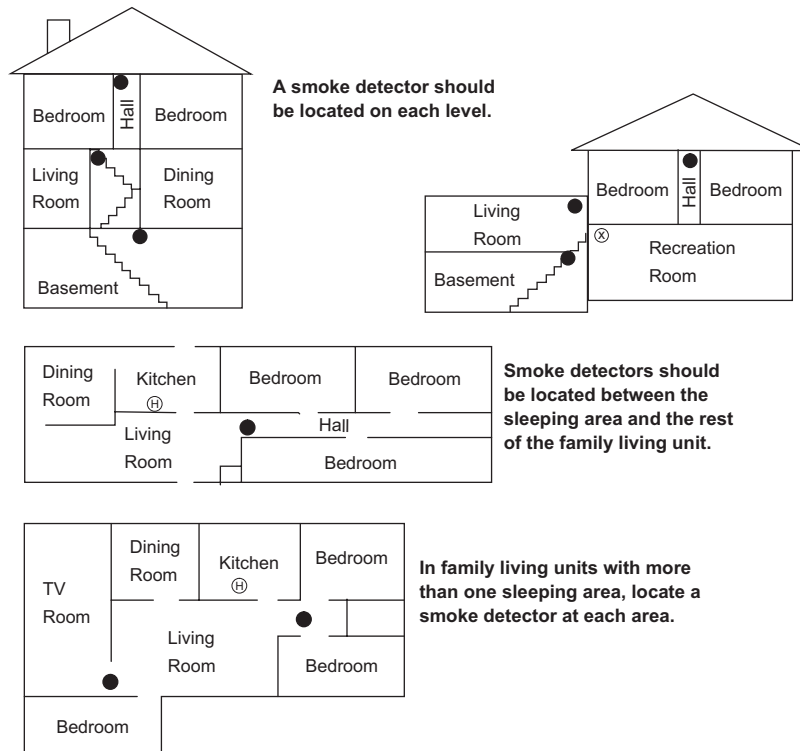


Warning

Warning! If you arrive at the premises and hear sirens, do not attempt to enter the building. Call for emergency assistance from a neighbor's phone

Floor Plan Example

Figure 13 is an example of a multi-level floor plan. Use this example as a guide to draw your own floor plan.



A smoke detector should be located on each level.

Smoke detectors should be located between the sleeping area and the rest of the family living unit.

In family living units with more than one sleeping area, locate a smoke detector at each area.

NOTE: Ceiling-mounted smoke detectors should be located in the center of the room or hall, or not 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 100°F or below 40°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.

NOTE: Additional information on household fire warning is available at nominal cost from: The National Fire Protection Association, Batterymarch Park, Quincy, MA 02269. Request Standard No. NFPA74.

- Required smoke detector
- Ⓜ Heat detector
- ⓧ Indicates smoke detector is optional if door is not provided between basement and recreation rooms.

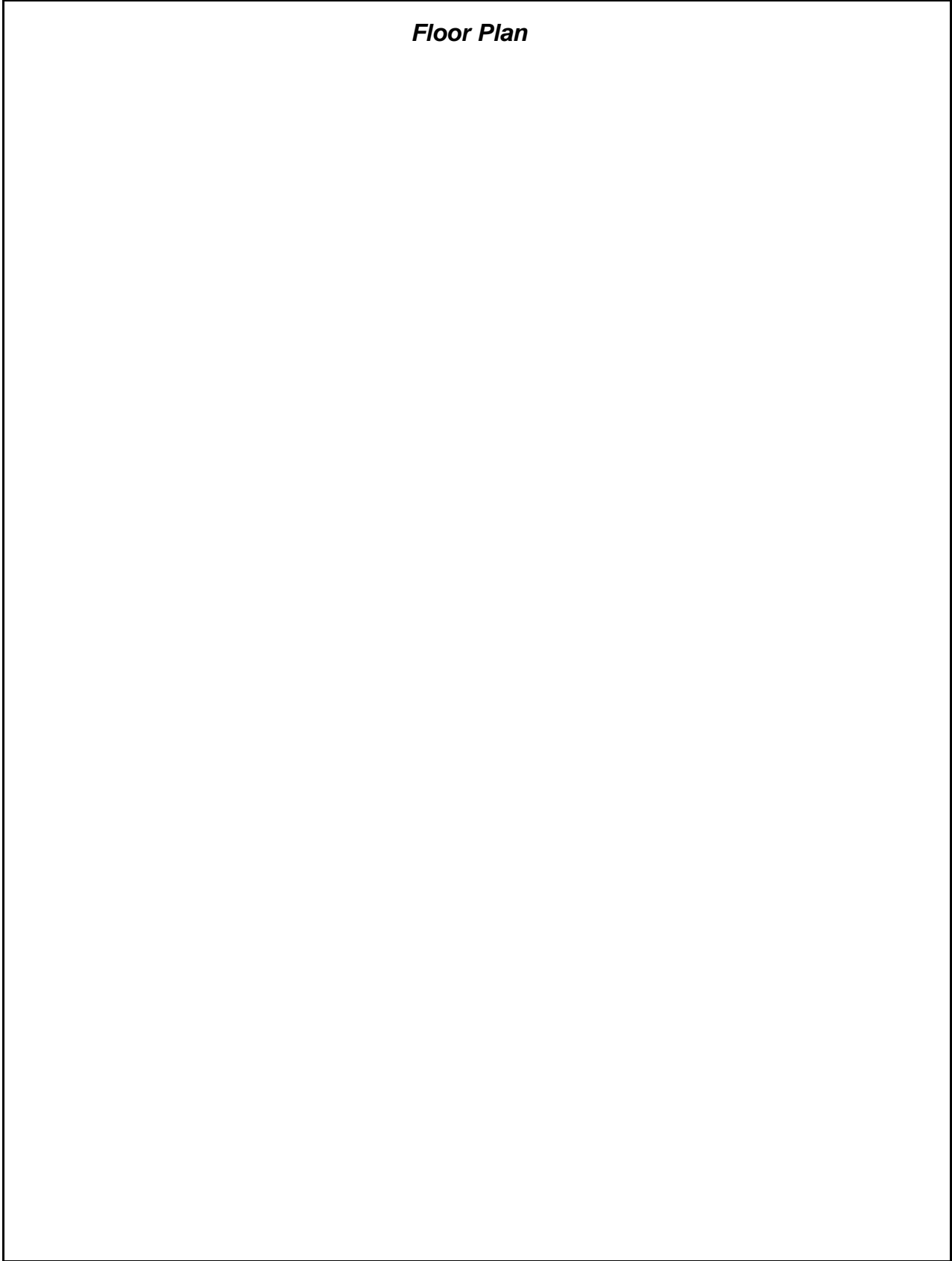
Figure 13. Floor Plan Example

Your Floor Plan

Use the following guidelines when drawing your floor plan on the next page:

- 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 locations of any fire extinguishers.

Floor Plan



Alarm System Limitations

Not even the most advanced alarm system can guarantee protection against burglary, fire, or environmental emergencies. All alarm systems are subject to possible compromise or failure-to-warn, for a variety of reasons including:

- If sirens are not placed within range of persons sleeping, in remote areas of the premises, or if they are placed behind doors or other obstacles.
- If intruders gain access through unprotected entry points or areas where sensors are bypassed.
- If intruders have the technical means of bypassing, jamming, or disconnecting any or all parts of the system.
- If power to sensors is disconnected or inadequate.
- If freeze, flood, or any environmental sensors are not located in areas where the specific 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 on building levels different from their installed location. 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. Telephone lines are also vulnerable to compromise by any of several means.

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

Note

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



Warning

Warning! Security systems and devices cannot compensate you for life or property losses.

If Your System Needs Service

If you have any questions about your security system or if it ever needs servicing, please contact your security dealer.

Company Name _____

Address _____

City _____ State _____ Zip _____

Phone Number (_____) _____

Contact Name _____

3. Press **B** until the touchpad displays the type of code you wish to change (Regular User codes, Partition Master Codes, or System Master code), then press **#**. For example, if you want to change a Regular User code, press **#** when the touchpad displays “REGULAR USER CODES” or “REG CODES.”
 4. Press **B** until the touchpad displays the user code you wish to change, then press **#**. For example, if you want to change Regular User code 2, press **#** when the touchpad displays “USER 02” or “REG CODE 02.”
 5. Enter the new code and press **#**.
 6. Press **B**. “DIRECT BYPASSING” or “BYPASS” appears:
Press **1 + #** to turn the option *off* for this user code.
Press **2 + #** to turn the option *on* for this user code.
 7. Press **B**. “REMOTE ACCESS” or “REMOTE” appears:
Press **1 + #** to turn the option *off* for this user code.
Press **2 + #** to turn the option *on* for this user code.
 8. Press **B**. “SYSTEM TESTS” or “TESTS” appears:
Press **1 + #** to turn the option *off* for this user code.
Press **2 + #** to turn the option *on* for this user code.
 9. Press **B**. “LATCHKEY REPORT” or “LATCH” appears:
Press **1 + #** to turn the option *off* for this user code.
Press **2 + #** to turn the option *on* for this user code.
 10. Press **B**. “PARTITION ASSIGN” or “P” appears:
Enter the desired partition numbers (1-6) for this user code.
 11. Press *** + B** to move to the next user code, or *** + 00 + #** to exit the programming menus.
- **To erase a user code:**
1. Enter the programming menus by pressing **9 + System or Partition Master CODE**.
 2. Press **B** until the touchpad displays “USER CODES,” then press **#**.
 3. The touchpad displays “REGULAR USER CODES” or “REG CODES.” Press **#**. (You cannot delete the System Master code.)
 4. Press **B** until the touchpad displays the user code you wish to erase, then press **#**. For example, if you want to change User code 4, press **#** when the touchpad displays “USER 04” or “REG CODE 04.”
 5. Enter the System or Partition Master code you used in Step 1 and press **#**. The deleted code appears as “USER 04 *****” or “RG 01 —,” for example.
 6. Press *** + B** to move to the next user code, or *** + 00 + #** to exit the programming menus.
- **To change or delete the Partition Master Code:**
1. Enter the programming menus by pressing **9 + System or Partition Master CODE**.
 2. Press **B** until the touchpad displays “USER CODES,” then press **#**.
 3. The touchpad displays “REGULAR USER CODES” or “REG CODES.” Press **B** until the display reads “PARTITION MASTER CODE” or “PTN MASTER,” then press **#**.
 4. Enter the System Master Code to delete the existing Partition Master Code OR enter a new 4 digit Partition Master Code to replace the existing code, then press **#**.
 5. Press *** + 00 + #** to exit the programming menus.
- **To change the System Master Code:**
1. Enter the programming menus by pressing **9 + System Master CODE**.
 2. Press **B** until the touchpad displays “USER CODES,” then press **#**.

Note

Step 10 can only be performed on Concord 4 systems using the System Master Code.

Note

The system will not accept the same code for two different users.

3. The touchpad displays “REGULAR USER CODES” or “REG CODES.” Press B until the display reads “SYSTEM MASTER CODE” or “SYS MASTER,” then press #.
4. Replace the existing code with the new 4 digit System Master Code then press #.
5. Press * + 00 + # to exit the programming menus.

Using Programming Shortcuts

A programming shortcut is a number that “jumps” you to a particular spot in the programming menus.

A series of shortcut numbers takes you directly to the feature or code you want to change.

1. Enter User Programming.

Local Phone	# + 9 + CODE
Remote Phone Access	Dial the phone number + # + CODE + # + 9 + CODE
Touchpad	9 + CODE

2. Enter a programming command sequence.

Time	* + 020 + TTTT + #
Date	* + 021 + DDMMYY + #
Regular User Codes	<p><u>Concord 4</u> <u>Concord Express V4</u></p> <p>User 00: * + 0300000 + NNNN + # [* + 030000 + NNNN + #] User 01: * + 0300010 + NNNN + # [* + 030001 + NNNN + #] User 02: * + 0300020 + NNNN + # [* + 030002 + NNNN + #]</p> <p>(continues up to User 229) (continues up to User 15)</p> <p>User 229: * + 0302290 + NNNN + #</p> <p><i>If using alphanumeric or fixed display touchpads, use A and B to scroll through the code attributes and change them as required.</i></p>
Partition Master Codes (Concord 4 systems only)	<p>Partition 1: * + 0310 + NNNN + #</p> <p>Partition 2: * + 0311 + NNNN + #</p> <p>Partition 3: * + 0312 + NNNN + #</p> <p>Partition 4: * + 0313 + NNNN + #</p> <p>Partition 5: * + 0314 + NNNN + #</p> <p>Partition 6: * + 0315 + NNNN + #</p>
System Master Code	* + 0320 + NNNN + #
Direct Bypassing Attribute	* + 030NNN1 + 1(off) or 2(on) + # (nnn = user no.) * + 030NN1 + 1(off) or 2(on) + # (Concord Express V4)
Remote Access Attribute	* + 030NNN2 + 1(off) or 2(on) + # (nnn = user no.) * + 030NN2 + 1(off) or 2(on) + # (Concord Express V4)
System Test Attribute	* + 030NNN3 + 1(off) or 2(on) + # (nnn = user no.) * + 030NN3 + 1(off) or 2(on) + # (Concord Express V4)
Latchkey Report Attribute	* + 030NNN4 + 1(off) or 2(on) + # (nnn = user no.) * + 030NN4 + 1(off) or 2(on) + # (Concord Express V4)
Partition Assign Attribute (Concord 4 systems only)	* + 030NNN5 + desired partitions 1-6 + # (nnn = user no.)
Downloading	* + 041 + 1(off) or 2(on) + #
Touchpad Brightness	* + 043 + 0 through 3 + #
Volume	* + 044 + 0 through 7 + #
Voice Chime	* + 045 + 1(off) or 2(on) + #

2. Enter a programming command sequence. (continued)

Chime on Close	* + 046 + 1(off) or 2(on) + #
Time Schedule xx (00-15)	<i>Start Time:</i> * + 05XX0 + TTTT + # <i>Stop Time:</i> * + 05XX1 + TTTT + # <i>Mon:</i> * + 05XX2 + 1(off) or 2(on) + # <i>Tues:</i> * + 05XX3 + 1(off) or 2(on) + # <i>Wed:</i> * + 05XX4 + 1(off) or 2(on) + # <i>Thurs:</i> * + 05XX5 + 1(off) or 2(on) + # <i>Fri:</i> * + 05XX6 + 1(off) or 2(on) + # <i>Sat:</i> * + 05XX7 + 1(off) or 2(on) + # <i>Sun:</i> * + 05XX8 + 1(off) or 2(on) + #
Latchkey Opening	Attaching schedules for Latchkey Opening operation: Sched 0: * + 06000 + 1(off) or 2(on) + # Sched 1: * + 06001 + 1(off) or 2(on) + # (Continues through Schedule 15) Sched 15: * + 06015 + 1(off) or 2(on) + #
Latchkey Closing	Attaching schedules for Latchkey Closing operation: Sched 0: * + 06100 + 1(off) or 2(on) + # Sched 1: * + 06101 + 1(off) or 2(on) + # (Continues through Schedule 15) Sched 15: * + 06115 + 1(off) or 2(on) + #
Exception Opening	Attaching schedules for Exception Opening operation: Sched 0: * + 06200 + 1(off) or 2(on) + # Sched 1: * + 06201 + 1(off) or 2(on) + # (Continues through Schedule 15) Sched 15: * + 06215 + 1(off) or 2(on) + #
Exception Closing	Attaching schedules for Exception Closing operation: Sched 0: * + 06300 + 1(off) or 2(on) + # Sched 1: * + 06301 + 1(off) or 2(on) + # (Continues through Schedule 15) Sched 15: * + 06315 + 1(off) or 2(on) + #
Light 1	Attaching schedules for Light 1 operation: Sched 0: * + 064000 + 1(off) or 2(on) + # Sched 1: * + 064001 + 1(off) or 2(on) + # (Continues through Schedule 15) Sched 15: * + 064015 + 1(off) or 2(on) + #
Light 2	Attaching schedules for Light 2 operation: Sched 0: * + 064100 + 1(off) or 2(on) + # Sched 1: * + 064101 + 1(off) or 2(on) + # (Continues through Schedule 15) Sched 15: * + 064115 + 1(off) or 2(on) + #
Light 3	Attaching schedules for Light 3 operation: Sched 0: * + 064200 + 1(off) or 2(on) + # Sched 1: * + 064201 + 1(off) or 2(on) + # (Continues through Schedule 15) Sched 15: * + 064215 + 1(off) or 2(on) + #

2. Enter a programming command sequence. (continued)

Light 4	<p>Attaching schedules for Light 4 operation: Sched 0: * + 064300 + 1(off) or 2(on) + # Sched 1: * + 064301 + 1(off) or 2(on) + # (Continues through Schedule 15) Sched 15: * + 064315 + 1(off) or 2(on) + #</p>
Light 5	<p>Attaching schedules for Light 5 operation: Sched 0: * + 064400 + 1(off) or 2(on) + # Sched 1: * + 064401 + 1(off) or 2(on) + # (Continues through Schedule 15) Sched 15: * + 064415 + 1(off) or 2(on) + #</p>
Light 6	<p>Attaching schedules for Light 6 operation: Sched 0: * + 064500 + 1(off) or 2(on) + # Sched 1: * + 064501 + 1(off) or 2(on) + # (Continues through Schedule 15) Sched 15: * + 064515 + 1(off) or 2(on) + #</p>
Light 7	<p>Attaching schedules for Light 7 operation: Sched 0: * + 064600 + 1(off) or 2(on) + # Sched 1: * + 064601 + 1(off) or 2(on) + # (Continues through Schedule 15) Sched 15: * + 064615 + 1(off) or 2(on) + #</p>
Light 8	<p>Attaching schedules for Light 8 operation: Sched 0: * + 064700 + 1(off) or 2(on) + # Sched 1: * + 064701 + 1(off) or 2(on) + # (Continues through Schedule 15) Sched 15: * + 064715 + 1(off) or 2(on) + #</p>
Light 9	<p>Attaching schedules for Light 9 operation: Sched 0: * + 064800 + 1(off) or 2(on) + # Sched 1: * + 064801 + 1(off) or 2(on) + # (Continues through Schedule 15) Sched 15: * + 064815 + 1(off) or 2(on) + #</p>
Output 1	<p>Attaching schedules for Output 1 operation: <i>Sched 0: * + 065000 + 1(off) or 2(on) + #</i> <i>Sched 1: * + 065001 + 1(off) or 2(on) + #</i> (Continues through Schedule 15) <i>Sched 15: * + 065015 + 1(off) or 2(on) + #</i></p>
Output 2	<p>Attaching schedules for Output 2 operation: <i>Sched 0: * + 065100 + 1(off) or 2(on) + #</i> <i>Sched 1: * + 065101 + 1(off) or 2(on) + #</i> (Continues through Schedule 15) <i>Sched 15: * + 065115 + 1(off) or 2(on) + #</i></p>

2. Enter a programming command sequence. (continued)

Output 3	Attaching schedules for Output 3 operation: <i>Sched 0:</i> * + 065200 + 1(off) or 2(on) + # <i>Sched 1:</i> * + 065201 + 1(off) or 2(on) + # (Continues through Schedule 15) <i>Sched 15:</i> * + 065215 + 1(off) or 2(on) + #
Output 4	Attaching schedules for Output 4 operation: <i>Sched 0:</i> * + 065300 + 1(off) or 2(on) + # <i>Sched 1:</i> * + 065301 + 1(off) or 2(on) + # (Continues through Schedule 15) <i>Sched 15:</i> * + 065315 + 1(off) or 2(on) + #
Output 5	Attaching schedules for Output 5 operation: <i>Sched 0:</i> * + 065400 + 1(off) or 2(on) + # <i>Sched 1:</i> * + 065401 + 1(off) or 2(on) + # (Continues through Schedule 15) <i>Sched 15:</i> * + 065415 + 1(off) or 2(on) + #
Output 6	Attaching schedules for Output 6 operation: <i>Sched 0:</i> * + 065500 + 1(off) or 2(on) + # <i>Sched 1:</i> * + 065501 + 1(off) or 2(on) + # (Continues through Schedule 15) <i>Sched 15:</i> * + 065515 + 1(off) or 2(on) + #
Arm to AWAY	Attaching schedules for Arming to AWAY operation: <i>Sched 0:</i> * + 066000 + 1(off) or 2(on) + # <i>Sched 1:</i> * + 066001 + 1(off) or 2(on) + # (Continues through Schedule 15) <i>Sched 15:</i> * + 066015 + 1(off) or 2(on) + #
Energy Saver	<i>Setpoints</i> <i>Low:</i> * + 070 + NN + # <i>High:</i> * + 071 + NN + É (enter temperature value in Fahrenheit)
Factory Code	* + 010
System Number	* + 011
System Level	* + 012
Software Version	* + 013
Attach Lights to Sensors	Attaching schedules for Arming to AWAY operation: <i>Light 1:</i> * + 080 + NN + # (<i>nn = sensor no. to be attached</i>) <i>Light 2:</i> * + 081 + NN + # (<i>nn = sensor no. to be attached</i>) (Continues through Light 9) <i>Light 9:</i> * + 088 + NN + # (<i>nn = sensor no. to be attached</i>)
Exit	* + 00 + #

To enter the Programming Menu, press
9 + System Master or Partition Master Code

B # * A	Time & Date	B # * A	User Codes	B # * A	Options	B # * A	Set Up Schedules	B # * A	Attach Schedules to Events (continued on next page)
B # * A	Time	B # * A	Regular User	B # * A	Downloading On/Off	B # * A	Schedule 00	B # * A	Exception Closing
B # * A	Date	B # * A	User 00 Concord 4: Codes 01 – 229 Concord Express V4: of current partition Codes 01 – 15	B # * A	Touchpad Brightness 0-3 (2)	B # * A	Start Time	B # * A	Exception Opening
			Partition Master (Concord 4 only)	B # * A	Volume 1-7 (4)	B # * A	Stop Time	B # * A	Latchkey Closing
			Partition Master	B # * A	Voice Chime On/Off	B # * A	Monday On/Off	B # * A	Latchkey Opening
			System Master	B # * A	Chime on Close On/Off	B # * A	Tuesday On/Off	B # * A	Schedule 00 On/Off
			<i>Appears only if System Master code is used to enter User Programming</i>	B # * A	Volume and Voice Chime menus appear only if a Phone Interface and Voice Module is installed in the current partition	B # * A	Wednesday On/Off	B # * A	Schedule 01 On/Off
				B # * A		B # * A	Thursday On/Off	B # * A	Schedule 02 On/Off
				B # * A		B # * A	Friday On/Off	B # * A	Schedules 03 – 11
				B # * A		B # * A	Saturday On/Off	B # * A	Schedule 12 On/Off
				B # * A		B # * A	Sunday On/Off	B # * A	Schedule 13 On/Off
				B # * A		B # * A		B # * A	Schedule 14 On/Off
				B # * A		B # * A		B # * A	Schedule 15 On/Off

Notes
 1. Underlined settings indicate defaults.

