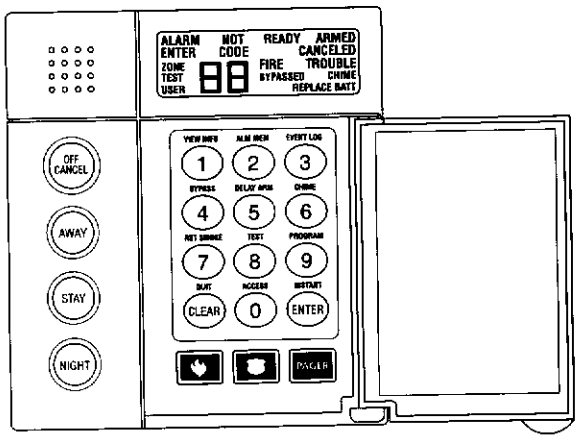
How to Use Your Sentrol Security System

ZXICON

Control Station



INTRODUCTION

Thank you for choosing the ZX300/ZX310 Security Control. This control will provide you with years of reliable operation when properly installed and maintained.

To maximize the benefits of your Security System, it is important to carefully read the entire contents of this manual and become familiar with all control operations. Your Security Company Representative has recorded confidential information about your system in this manual, therefore, you should store it in a secure place. Contact your Security Company Representative immediately with any questions.

It is important to note however, that no security system provides total protection over life or property, nor can it detect intrusion or other conditions in all circumstances. Ask your Security Company Representative to fully review the features of your system, indicate areas of potential risk, and detail recommendations for future upgrades to the system.

The following is a list of general precautions you should follow to maximize the benefits of your security system:

1. The system must be tested at least once per week to ensure proper operation. Contact your Security Company Representative for testing procedures and scheduling of a regular maintenance program.
2. If the system is malfunctioning, have it serviced by a qualified professional as soon as possible.
3. If the electrical system of the building is altered, be sure that the changes do not create an interruptible power supply to the control panel.
4. If the telephone system is serviced, test the security system to ensure that communication to the Central Station is intact.
5. Motion detectors are designed to detect specific types of motion within a defined area. Be sure that you understand which areas are protected and under what conditions the system is active (temperature and time variations, etc.).
6. Smoke detection devices cannot detect all types of fire under all circumstances. Have your Security Company Representative explain the limitations of your fire system. Have smoke detectors cleaned and tested on a regular basis.
7. Security systems rely upon electrical power as a primary power source. When the electrical power fails, the control is powered by a standby battery. The standby battery is automatically checked by the system and should be replaced by a qualified service technician at regular intervals.
8. If upon returning to the building, you discover that an alarm has occurred, **DO NOT ENTER THE PREMISES.** Immediately contact the proper authorities.
9. Be sure to inform your neighbors that a security system has been installed. Also explain the meanings of the various audible signals and ask them to contact the appropriate authorities upon activation of an alarm.
10. The ZX300/ZX310 Security Control is UL Listed for Grade A Household Burglary and UL requires that audible burglar alarms be sounded by a bell and fire alarms by a horn. For combination burglar and fire alarm systems, the sounder will emit a temporal tone for fire alarms and a steady tone for burglar alarms. The fire alarm signal takes priority over the burglar bell.
11. UL requires that exit times not exceed 60 seconds. Entrance times may not exceed 45 seconds. Cutoff time for siren/bell cannot be less than 4 minutes for residential fire and burglary and 15 minutes for commercial burglary.

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Operating Your System

The Control Station Keys

(1) **View Info Key**
This key is used to view system information.

(2) **Alarm Memory Key**
Allows you to display the most recent zones where an alarm occurred.

(4) **Bypass Key**
Allows you to designate one or more zones to be intentionally left unprotected.

(6) **Chime Key**
Turns the door/window monitor ON or OFF.

(7) **Reset Smoke Key**
Resets all smoke detectors in alarm.

(8) **Test Key**
Allows you to perform system testing.

(9) **Program Key**
Used to enter the programming mode.

(0) **Access Key**
Used to activate a door strike or other access output function.

(CLEAR) **Quit Key**
Used to reset any entry error and to allow you to exit out of an operation.

(ENTER) **Instant Key**
Used in programming to store entered data. May also be used to disable the entry and exit countdown time when pressed during the countdown time when turning the system ON with STAY or NIGHT.

(OFF CANCEL) **Off Cancel Key**
Used to turn OFF, silence, or cancel alarms and trouble alerts.

Armed Status Indicator

These keys, followed by your passcode, are used to turn your system ON. Each key corresponds to a different level of security.

AWAY — No one at home; total protection; all sensors are ON.

STAY — Building is occupied; selected door and window sensors are ON.

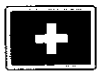
NIGHT — Bedtime; selected door, window and interior sensors are ON.

Panic Keys

When enabled, these keys activate alarms (Fire, Auxiliary, and Police) or call your pager. Consult with your Security Company Representative for details.

Fire

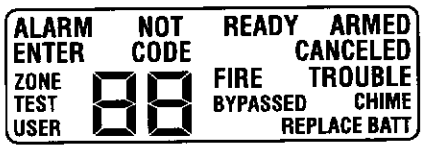
Police (Hold Up)



Auxiliary

Pager

The Control Station Display

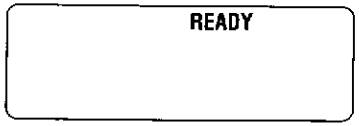


NOTE

To save power, the ICON Control Station display will dim after four (4) minutes without a keypress or sounder activity. Press any key to brighten the display.

Turning Your System ON

1. Close all doors and windows.
2. Check for a Ready display on the Control Station. If you do not see it, see Operating Your System - System Not Ready.



3. Press AWAY, STAY or NIGHT.
   The Control Station will display:

4. Enter passcode:
   The Control Station will briefly display:

5. The Control Station will then begin exit countdown time. It is safe to exit the building during the countdown time. If you exit during the last 10 seconds of countdown time, the timer will restart the countdown once. If you turn your system ON in the AWAY mode and you do not exit, the countdown will begin again only once so that you may exit.

NOTE

When turning your system ON in the STAY or NIGHT mode, you may press the ENTER key during the countdown time to cancel the countdown and turn your system ON instantly. When you cancel the countdown time, the entry time is also disabled. If your front door is opened while the system is turned ON, an alarm will occur immediately.

Turning Your System OFF

1. Press (OFF CANCEL) . The Control Station will display:

2. Enter passcode: ◯ ◯ ◯ ◯

The Armed Status Indicator light will turn OFF.

Entry Time

Normally, when you enter the premises and the system is ON, an Entry Time will start. The Entry Time is the time that you have to turn the system OFF before an alarm occurs. The Entry Time countdown is displayed on the Control Station.

If you turn the system ON and exit but do not properly secure the door, then, when the Exit Time expires, the unsecured door will cause the Entry Time to start. In addition, the burglar bell will sound to try to draw your attention. The system will not go into a full alarm until the Entry Time expires, so it is imperative that you turn the system OFF immediately.

When a Burglar Alarm Occurs

Your system includes a programmable Alarm Abort Time to help prevent the reporting of false alarms (see your Security Company Representative for the time programmed). When the system goes into a Burglar Alarm, the Alarm Abort Time starts. During the Alarm Abort Time, the Armed Status indicator will NOT be flashing, but the OFF CANCEL key will be flashing. If you silence the alarm during the Alarm Abort Time, then an alarm event will NOT be reported to the Central Station. If the Armed Status indicator is flashing, then the Alarm Abort Time has expired and an alarm event has been reported.

When a Burglar Alarm occurs, follow the directions below depending on the circumstances of the alarm.

Scenario 1: You accidentally set off the alarm system.

Press the OFF CANCEL key and enter your passcode. The Control Station should briefly display "ALARM CANCELED" and then go to idle. If you do not complete this before the Alarm Abort Time expires, the Control Station will briefly display "ALARM CANCELED" and then go into Alarm Memory Mode to show you which alarm(s) were just reported (see Alarm Conditions - Alarm Memory). In this case, an Alarm Canceled event is reported to the Central Station. You should contact the Central Station to inform them of the false alarm.

Scenario 2: An alarm goes off in the middle of the night.

Press the OFF CANCEL key followed by the CLEAR key. The keypad sounders and the Bell should mute for the duration of the Alarm Abort Time. This may give you enough time to identify if there is an intruder in the house. Press the '1' (VIEW INFO) key repeatedly to view the zone(s) that have caused the alarm. If there is an intruder in the house, take proper precautions to protect you and your family. The Bell will start sounding again when the Alarm Abort Time expires and an alarm event will be reported. If the alarm is a false alarm, see scenario 1.

Scenario 3: You arrive at the premises and the system's bell is sounding.

Do NOT enter the premises. Go to a nearby location and contact the proper authorities. When it has been determined that it is safe to enter the premises, press the OFF CANCEL key and enter your passcode. If the bell was still sounding, the Control Station will briefly display "ALARM CANCELED" before going into Alarm Memory mode. The Alarm event(s) were reported to the Central Station and an Alarm Canceled event is now reported to indicate that you are on the premises.

Scenario 4: You arrive at the premises and the system is in alarm, but the bell is off.

Do NOT enter the premises. Go to a nearby location and contact the proper authorities. The system has been in alarm for some time and the police may already have investigated. When it has been determined that it is safe to enter the premises, press the OFF CANCEL key and enter your passcode. The Control Station will go into Alarm Memory mode.

System Not Ready

1. Press the View Info key (Key #1) repeatedly to view zones not ready. The Control Station will display the zone number.

2. Secure zones not ready. If you cannot secure a zone or do not want to secure a zone, you may still turn the system ON by bypassing the zone. See Optional Features - Bypass and Force Arming.

Changing The Security Level

From the STAY or NIGHT mode

1. Press AWAY, STAY or NIGHT.

   The Control Station will display :

   ENTER CODE

2. Enter passcode:

3. The Control Station will then begin exit countdown time. It is safe to exit the building during the countdown time. If you exit during the last 10 seconds of countdown time, the timer will restart the countdown once. If you turn your system ON in the AWAY mode and you do not exit, the countdown will begin again only once so that you may exit.

NOTE

When the system is turned ON in the STAY or NIGHT mode, you can switch between these modes as often as you wish without turning your system OFF. When the system is turned ON in the AWAY mode, you must turn your system OFF first before you can change security levels.

Exit While Armed

From the STAY or NIGHT mode you can exit the premises without disarming by Changing the Security Level. For example, to retrieve the newspaper while the system is armed in the STAY mode, simply re-arm the system in the STAY mode. The system will start an Exit Time. While the system is in Exit Time, you can exit through an "Entry/Exit" door and then re-enter without causing an alarm. If your Exit Time is not long enough and it expires, then, when you re-enter, the system will start an Entry Time and you must turn it OFF.

Chime

To enable or disable a "Chime" sound whenever an exterior window or door zone is opened:

1. Press (6) . The Control Station will display:

2. Enter passcode: ( ) ( ) ( ) ( )

The Control Station will briefly display the chime icon if you just turned it ON.

Silent Keypress

To enable or disable the beep from the keypad when you press a key:

Press the (CLEAR) key and the (OFF CANCEL) key simultaneously.

Optional Features

Bypass - *(DO NOT enable for UL Listed Systems)*

This feature allows you to turn your system ON with one or more zones intentionally left unprotected until the system is turned OFF.

WARNING

Bypassed zones are unprotected and will not cause an alarm if opened while your system is ON.

Group Bypass - *(to intentionally bypass all open zones)*

1. Press (4).
2. Enter passcode: ( ) ( ) ( ) ( )

   The Control Station will display:

3. Press (9) (9) to bypass ***all*** open zones, then press (ENTER).

   The Control Station will briefly display:

   then returns to the zone selection display.

4. Press (ENTER) to save changes or (CLEAR) to cancel any changes made.

   After saving any changes, the Control Station will briefly display:

   before returning to the READY prompt.

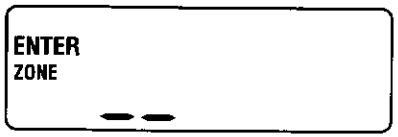
Selective Bypass/Unbypass

Allows you to intentionally bypass/unbypass a specific zone as follows:

1. Press (4).

2. Enter passcode: ( ) ( ) ( ) ( ).

   The Control Station will display:

3. Enter the zone number ( ) ( ), then press (ENTER).

   The Control Station will briefly display the zone that was bypassed/ unbypassed and then return to the zone selection display:

   Repeat step 3 for each zone you wish to bypass or unbypass.

4. Press (ENTER) to save changes or (CLEAR) to cancel changes.

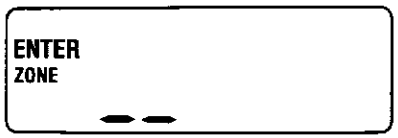
   After saving any changes, the Control Station will return to the READY prompt after briefly displaying:

Removing Bypass

1. Press (4).

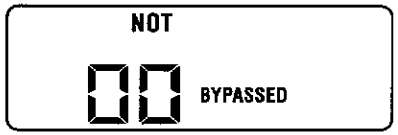
2. Enter passcode: ( ) ( ) ( ) ( ) .

   The Control Station will display:

3. Press (0) to unbypass ***all*** bypassed zones, then press (ENTER).

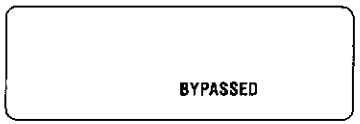
   The Control Station will briefly display:

   then returns to the zone selection display:

4. Press (ENTER) to save changes or (CLEAR) to cancel changes.

   After saving any changes, the Control Station will return to the READY prompt after briefly displaying:

Force-Arming - *(DO NOT enable for UL Listed Systems)*

When you turn the system ON with Force-Arming, the system will not turn ON any zones that are not ready. Once the zone is secured, that zone is automatically turned ON and will cause an alarm if it is violated. See Operating Your System - System Not Ready, to identify zones that are not ready.

1. Press AWAY, STAY or NIGHT.

2. Enter passcode:

   The Control Station will display:

   NOT ARMED

3. Within 5 seconds, press the same key that was pressed in step 1 above. The Control Station will briefly display:

   ARMED

Turning Your System ON Quickly

Your system may be programmed to turn ON quickly with either the Press & Hold or the Double-Press method as follows.

- **Press & Hold** Pressing the AWAY, STAY, or NIGHT key for 3 seconds turns ON the system.
- **Double-Press** Pressing the AWAY, STAY, or NIGHT key twice turns ON the system.

User On Premise

When a User On Premise passcode is used to activate an access output, disarm, or silence an alarm, notification will be reported to the Central Station or to a pager. See your Security Company Representative for more details.

Keyswitch Operation

To turn your system ON/OFF or to silence an alarm:

1. Insert key
2. Turn key and hold for a second
3. Remove key

NOTE

If key is used to turn the system ON, the system will be turned ON in the AWAY mode only.

Access Output *(This system is not UL Listed for Access Control)*

To activate an Access Output device or door strike:

1. Press (0) .
2. Enter passcode: ( ) ( ) ( ) ( )

Panic Keys

Fire | Police (Hold Up) | Auxiliary | Pager

To activate a panic key, you must press and hold the panic key for three (3) seconds. Ask your Security Company Representative how your panic keys are enabled.

NOTE

An audible alarm may result. To silence the alarm, press the Off Cancel key and then enter your passcode.

Duress

To send a silent alarm signal:

1. Press AWAY, STAY, NIGHT, OFF CANCEL, or 0.
2. Enter **Duress** passcode:

Alarm Conditions

Alarm Memory

To view zones and keypads that caused an alarm:

1. Press (2). The Control Station will display:

2. Enter passcode:

The Control Station will display fire alarms and other alarms and the source of alarm. If more than one zone (or keypad) caused an alarm, press the View Info key (Key #1) repeatedly to view the alarms.

Trouble Conditions

When your system detects a trouble condition, the Control Station alternately displays the system state (Ready to Arm, etc.) and the trouble code. (See *Trouble Codes*). If more than one trouble condition is present, each trouble condition displays separately. Refer to the Installation Manual or your Security Company Representative for a description of the possible trouble conditions.

Silencing Trouble

To silence the trouble sounder:

1. Press (OFF CANCEL). The Control Station will display:

2. Enter passcode: ( ) ( ) ( ) ( )

After you silence the trouble sounder, the Control Station display will alternate between the system status and the trouble message. If you have an RF Device Low Battery or a Tampered RF Zone, then as long as the trouble condition is present, an audible trouble output may sound briefly every four hours.

Identifying Zone Conditions

Press the View Info key (Key #1) repeatedly to display the following zone conditions that may have occurred: Trouble Zones, Faulted Zones, and/or Bypassed Zones. The Control Station will display the zone condition and the number.

NOTE

If a trouble condition does not go away, contact your Security Company Representative.

Trouble Codes

Trouble codes display with the TROUBLE icon to indicate a system trouble condition. The following table describes the trouble codes.

Trouble Code	Description
03	Memory error
04	Communication failure
05	Control station missing
06	RF jamming
07	Bell line fault
08	Telephone line fault
09	Call to remote programmer failed
12	Fire alarm bell silenced
14	Alarm silenced

Testing Your System

It is recommended that all tests be performed on a weekly basis. Your system must be OFF to perform these tests. There are six (6) options available.

1	Walk	Verifies that all system zones are operating properly
2	Battery	Verifies that the system battery is fully charged
3	Bell	Verifies that the system audibles are operating properly
4	Communicator	Verifies that the system communicates with the Central Station
5	Keypad	Verifies that the Control Station lights operate properly
6	RF Signal Strength	Tests the signal strength of wireless sensors

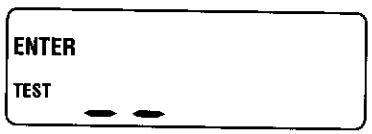
Walk Test

To perform a walk test:

1. Press (8). The Control Station will display:

2. Enter passcode: ( ) ( ) ( ) ( )

   The Control Station will display:



3. Press (1).

4. Open or activate each sensor. As each sensor is opened, listen for an audible and visual indication to occur at the Control Station indicating the sensor is working properly. When all sensors have been opened, return to the Control Station.

5. Press (1) repeatedly to view any zones that have not been tested. If you opened a sensor and the Control Station indicates that it was not tested, it may be faulty. Retest the sensor or contact your Security Company Representative.

6. Press (CLEAR) to quit.

Battery Test

The battery test is used by the Security Company Representative to test the battery after a new battery has been installed. Your battery is automatically tested periodically.

To perform a battery test:

1. Press (8). The Control Station will display:

2. Enter passcode: ( ) ( ) ( ) ( )

The Control Station will display:

3. Press (2).

If no trouble condition occurs, the Control Station will sound an audible tone and return to the ready status. If a low/no battery trouble condition occurs, the Control Station will display:

Contact your Security Company Representative when this condition occurs.

Bell Test

To perform a bell test:

1. Press (8). The Control Station will display:

2. Enter passcode: (   )

   The Control Station will display:

3. Press (3).

   The audible will sound for several seconds. The Control Station will display:

NOTE

Notify your neighbors before you test the bell.

Communicator Test

NOTE

Your system must be monitored by a Central Station to perform this test. This test will take a while to perform.

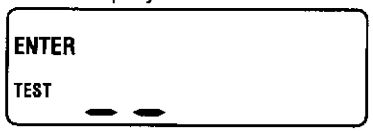
This test is used to verify that your system is communicating with the Central Station.

To perform a communicator test:

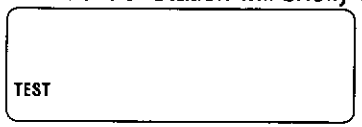
1. Press (8). The Control Station will display:

2. Enter passcode:

   The Control Station will display:



3. Press (4). The Control Station will briefly display:



4. If the test passes, the Control Station will sound four (4) beeps when the test is completed. The Control Station will display:

   If the test fails, a Communications Failure trouble condition results several minutes later. The Control Station will display:

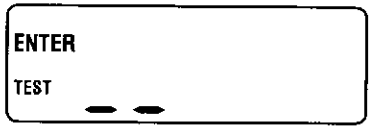
Keypad Test

To perform a keypad test:

1. Press (8). The Control Station will display:

2. Enter passcode: ( ) ( ) ( ) ( )

   The Control Station will display:



3. Press (5).

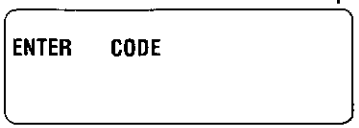
   The Control Station will briefly light all of its indicators (AWAY, STAY, and NIGHT) and display:

RF Signal Strength

If your system includes wireless sensors, then you can test the strength of signals from these sensors by performing an RF Signal Strength test. The strength of a signal can be affected by a low battery condition on the sensor or changes in the environment due to furniture or appliances.

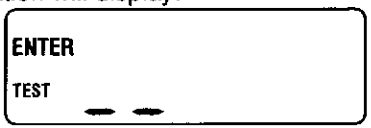
To test the signal strength of selected RF Zones:

1. Press (8) . The Control Station will display:

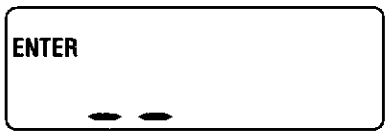


2. Enter passcode: (○ ○ ○ ○)

   The Control Station will display:

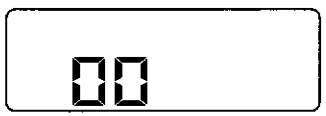


3. Press (6) . The Control Station will display:



4. Enter a number between 1 and 16 to select a wireless sensor to test.

   Press (ENTER) . The Control Station will display one of the following:



The selected zone is not RF or is missing

Low Signal - call your Security Company Representative.

Acceptable

Strong Signal

5. Repeat step 4 or press (CLEAR) to exit.

RF Signal Strength

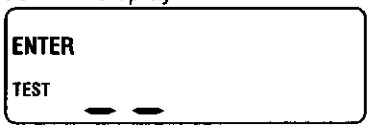
If your system includes wireless sensors, then you can test the strength of signals from these sensors by performing an RF Signal Strength test. The strength of a signal can be affected by a low battery condition on the sensor or changes in the environment due to furniture or appliances.

To test the signal strength of selected RF Zones:

1. Press (8) . The Control Station will display:

2. Enter passcode: ( ) ( ) ( ) ( )

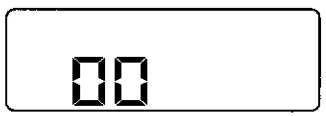
   The Control Station will display:



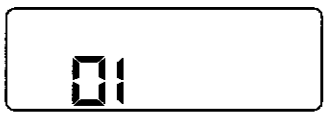
3. Press (6) . The Control Station will display:

4. Enter a number between 1 and 16 to select a wireless sensor to test.

   Press (ENTER) . The Control Station will display one of the following:



The selected zone is not RF or is missing



Low Signal - call your Security Company Representative.

Acceptable

Strong Signal

5. Repeat step 4 or press (CLEAR) to exit.

Programming

Your system has several features which you may be able to program yourself. There are two options available as follows:

1	Remote Connect	Allows the installer to program and diagnose problems from a remote site using the telephone lines.
2	Program User Codes	Allows you to change any passcodes.

Remote Connect

Contact your Security Company Representative for instructions.

Programming the User Passcodes

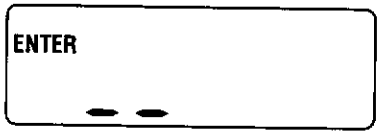
Your system may be programmed with up to 8 user passcodes. Consult your Security Company Representative as to which passcodes have been enabled and what Authority Level has been assigned to each one.

To program User Passcodes:

1. Press (9) . The Control Station will display:

2. Enter passcode: ( ) ( ) ( ) ( )

   The Control Station will display:



3. Press (2) . The Control Station will display:

4. Enter the User ID of the passcode ( ) (1 - 8) that you wish to program/change.

5. Press (ENTER).

NOTE

The Control Station will display the first digit of the selected User passcode. As each new number is selected, the Control Station will display the next digit that may be accepted or changed.

6. Enter new four-digit passcode ( ) ( ) ( ) ( )

Repeat above steps for each passcode to be programmed or press (CLEAR) to return to the Ready mode.

If the new passcode being entered is a duplicate of an existing one, the Control Station will sound an error tone and return to the first digit location so you may try again.

To view an existing passcode, press (ENTER) after each digit displayed until all four digits have been displayed.

If you wish to make a User passcode inoperable,

enter (0) (0) (0) (0) as the new four-digit passcode.

Fire Detection

Introduction

Your system may include fire detection, depending on the options purchased and the local codes and regulations for your area. Fire alarm systems are always active and cannot be turned OFF. All fire systems require regular testing and maintenance. Common household dust buildup in smoke detectors can cause them to false alarm or fail in a time of need. Consult your Security Company Representative for a scheduled maintenance program.

All devices in a Fire Alarm system should be tested monthly except as described in NFPA 72. See Testing Your System - Walk Test for testing zones and Bell Test for testing the bell.

When an Alarm Occurs

When a Fire Alarm occurs, the bell sounds, the Control Stations produce the fire alarm tone and display a Fire Alarm message and/or display the zone that caused the alarm.

To silence the alarm, press the Off Cancel key and enter your passcode.

When you silence a Fire Alarm, the Control Station goes into Alarm Memory Mode (see Alarm Conditions - Alarm Memory). The alarm is reported if your system is connected to a Central Station. If a false alarm occurs, notify the authorities immediately.

Resetting Smoke Detectors

Most smoke detectors "latch" in an alarm condition once they are triggered. If your Control Station displays a Bell Silenced condition or a trouble condition at the zone after you have silenced a Fire Alarm, you will need to reset the smoke detector. Press the RESET SMOKE key (7) and enter your passcode. The trouble condition should disappear in a couple of seconds. If the trouble condition does not clear after resetting the smoke detector, contact your Security Company Representative for service.

Developing An Evacuation Plan

An evacuation plan should be established BEFORE a severe situation arises. Your security system may or may not contain fire detection and notification equipment. Make sure your Security Company Representative fully explains the configuration of your system. Make sure you fully understand the limitations of your system.

Use the following steps in establishing an evacuation plan:

1. Evaluate all possible escape routes from the building and draw a floor plan.
2. Select two exit escape routes from each room.
3. Provide escape ladders for rooms above the first floor. Check the ladders to be sure that they will reach the ground.
4. Draw a rough sketch of your escape plan so that everyone is familiar with it.
5. Practice your escape plan to assure that everybody knows what they have to do in a severe situation.
6. Establish a meeting place outside where people are to report.
7. Advise the local fire authority if you have installed a fire alarm system.

Discuss the following with all residents:

1. Familiarity with alarm signals.
2. Status of doors.
3. Testing of door during a fire and use of alternate escape routes if HOT to touch.
4. Crawling and holding breath techniques during a fire.
5. ESCAPE FAST, DO NOT STOP for packing.
6. Emphasize that no one is to return to a burning building.

Fire Prevention And Escape

The purpose of heat and smoke detectors is to detect a fire in its earliest stages and sound an alarm, giving you more time to exit the premises before smoke reaches a dangerous level.

Know Fire Hazards

No detection device can protect life in all situations. Therefore, safeguards should be taken to avoid such potentially dangerous situations as smoking in bed, leaving children home alone, and cleaning with flammable liquids such as gasoline.

The best fire protection is minimizing fire hazards through proper storage of materials and good housekeeping practices. Careless use of combustible materials and electrical appliances overloading electrical outlets are major causes of fire. Explosive and fast burning materials must be eliminated from the home.

In Case Of Fire

Leave immediately! Do not stop to pack or search for valuables. In heavy smoke, hold your breath and stay low - crawl if necessary. The clearest air usually is at the floor. If you have to go through a closed door, carefully feel the door and door knob to see if undue heat is present. If relatively cool, brace your foot against the bottom of the door with your hip against the middle, and one hand against the top edge. Open slightly. If there is a rush of hot air, slam the door quickly and latch it. Unvented fire will build up considerable pressure.

Use a local phone or street fire alarm box. The job of extinguishing the fire should be left to the professionals. Too many unforeseen things can occur when inexperienced people try to extinguish a fire.

Be Prepared

Perform fire drills regularly. Use them to assure recognition of an alarm signal. For your protection, simulate different circumstances (smoke the hall, living room, etc.). Then have everyone react to the situation. Draw a floor plan and show two exits from each room. It is important that children be instructed carefully. Their tendency is to hide in a crisis.

It is imperative that one meeting place outside the building be established. You should insist that everyone meet there during an alarm. This will eliminate the tragedy of someone reentering the building for a missing person who is actually safe.

If you have small children and/or invalids residing in your household, you can help your fire department by placing decals on bedroom windows. Most fire departments supply the decals.

Become familiar with the distinctive sounds of your Fire alarm and Burglar alarm signals.

Fire Trouble

If a trouble condition for a Fire zone is displayed on your keypad, consult your installer. A Fire Trouble condition results when a fire alarm is silenced and the smoke detector has not been reset, or the smoke detector is dirty and needs to be cleaned/serviced. A Fire Trouble also results when a Fire zone is bypassed.

If none of the above apply, the Fire Trouble may be due to a wiring problem and a service call may be required.

System Reference Guide

Emergency Numbers

Police _____ Fire _____

Neighbor _____ Doctor _____

Central Station _____ Service Rep _____

Central Station Subscriber Number _____

Delay Times

_____ Seconds of Exit Delay Time for AWAY arms

_____ Seconds of Exit Delay Time for STAY and NIGHT arms

_____ Seconds of Entry Time (Delay 1) for Zone(s) _____

_____ Seconds of Entry Time (Delay 2) for Zone(s) _____

_____ Seconds of Alarm Abort Time for Non-Fire Alarms

Control Station Location

1 _____ 3 _____

2 _____ 4 _____

Circle the Control Stations that have the Panic Keys Enabled

Left Panic Key (Fire) Enabled 1 2 3 4

Sound _____

Center Panic Key Enabled 1 2 3 4

Sound/Function _____

Right Panic Key Enabled 1 2 3 4

Sound/Function _____

Features Enabled

- ☐ Bypassing
- ☐ Force-Arming
- ☐ Press & Hold ON
- ☐ Double-Press ON
- ☐ Keyswitch
- ☐ Hold Up
- ☐ Auxiliary Alarm
- ☐ User On Premise
- ☐ Household Fire
- ☐ Intrusion

Protection Zones

One or more sensing devices have been assigned by the installer of your alarm system to each of the various protection zones in your system (although not every zone may have been used). For example, the sensing device on your Entry/Exit door may have been assigned to zone 01, sensing devices on windows in the master bedroom to zone 02, and so on. For your convenience, a chart has been provided below which may be used to record the specific protection points that have been assigned to each zone in your system. Your installer will assist you in recording this information.

Zone	Protection Point(s)	Zone	Protection Point(s)
01	_____	09	_____
02	_____	10	_____
03	_____	11	_____
04	_____	12	_____
05	_____	13	_____
06	_____	14	_____
07	_____	15	_____
08	_____	16	_____

Owner's Insurance Premium Credit Requested

This form should be completed and forwarded to your homeowner's insurance carrier for possible premium credit.

This control is UL Listed for: **UL Grade A Household Burglary**
UL Household Fire Warning System

A. General Information:

Insured's Name and Address_____

_____

Insurance Co._____

Policy No: _____

Sentrol Security System

Type of Alarm: ☐ Burglary ☐ Fire ☐ Both

Installed by: _____

_____

Serviced by: _____

_____

B. Notifies (Insert B=Burglary, F=Fire)

Local Sounding Device:_____ Police Dept. _____ Fire Dept.:_____

Central Station:_____ Name and Address:_____

_____

_____

C. Powered By:_____ A.C. With Rechargeable Power Supply

D. Testing ☐ Quarterly ☐ Monthly ☐ Weekly ☐ Other

(Continued on Reverse)

E. Smoke Detector Locations

____ Furnace Room	____ Kitchen	____ Bedrooms
____ Attic	____ Basement	____ Living Room
____ Dining Room	____ Hall	____ Other ____

F. Burglary Detecting Device Locations:

☐ Front Door ☐ Basement door ☐ All Exterior Doors ☐ Rear Door
☐ 1st Floor windows ☐ All Windows ☐ Interior Locations ☐ Other
☐ All Accessible Openings, Including Skylights, Air Conditioners and Vents

G. Additional Pertinent Information:

_____

_____

_____

Signature: _____ Date: _____

FCC Compliance

Part 68 Notification

This equipment complies with Part 68 of the Federal Communications Commissions (FCC) rules. All connections to the telephone net work must be made through standard telephone company plugs and jacks, RJ31-X or equivalent, in such a manner as to allow for easy and immediate disconnection of the equipment. If the connection cord is unplugged from the jack, there shall be no interference to the telephone equipment still connected to the telephone network.

The FCC registration number and Ringer Equivalence Number (REN) can be found printed on the wiring connection label located inside the Control Box Enclosure. If requested, provide this information to your telephone company. The REN is useful to determine the quantity of devices that may be connected to your telephone line and still have all of this devices ring when your number is called. In most, but no all, areas, the sum of the RENs of all devices should not exceed five.

In the unlikely event that the equipment should ever fail to operate properly, it should be disconnected from the telephone jack to determine if the problem is with the telephone net work or with the equipment. If a problem is found with the equipment, leave it disconnected until it is repaired or replaced.

In the unlikely event that the equipment should ever cause harm to the telephone network, the telephone company may temporarily discontinue your service. If possible, they will notify you in advance. However, if advance notice isn't practical, the telephone company may temporarily discontinue service without prior notification. In the case of temporary discontinuance, the telephone company shall promptly notify the telephone subscriber who will be given the opportunity to correct the situation. The customer also has the right to bring a complaint to the FCC if he feels the disconnection is not warranted.

Your telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the proper operation of your equipment. If they do, you will be given advance notice so as to give you an opportunity to maintain uninterrupted service.

You should notify the telephone company if this equipment is removed from the premises and the telephone jack is no longer needed.

The FCC prohibits the connection of this equipment to party lines and the use of this equipment in conjunction with coin-operated telephone service. An AC surge arrestor should be installed in the system's AC power outlet.

Part 15 Notification

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, 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 the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or and experienced radio/TV technician for help.

CAUTION: Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Canadian Notice

The Canadian Department of Communications label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements. The Department does not guarantee that the equipment will operate to the user's satisfaction. Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. In some cases, the company's inside wiring associated with a single line individual service may be extended by means of a certified connector assembly (telephone extension cord). The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations. Repairs to certified equipment should be made by and authorized Canadian maintenance facility designed by the supplier. Any repairs of alterations make by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment. Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

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

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

This equipment is a Class B Digital apparatus which complies with the radio interference regulations, CRC c. 1374.

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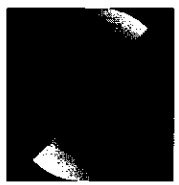

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