

## 1. HOW YOUR SECURITY SYSTEM WORKS

Your new security system is divided into two major parts. The first part consists of sensors placed at the openings and in the living areas of your home. They may include door and window switches, smoke detectors, glass break detectors and infrared devices which detect body heat. In most cases, each one of these sensors will be connected to a small, battery powered transmitter. Whenever a sensor is activated, the transmitter will send a signal to the second part of your system - the control panel. The control panel is the system's electronic center. It receives the transmitter's signal, determines what type of emergency is occurring and then turns on the appropriate warning devices. The control constantly monitors the sensors and responds instantly to fire, personal panic and medical emergencies. The burglary protection provided by your system can be turned on or off (armed/disarmed) allowing you to move freely in and out of your home during some hours yet have complete protection during other hours.

Security involves every member in your household so be sure they are familiar with the system's operation. The following pages give a detailed description of it's important features.

## 2. CONTROL INDICATOR LIGHTS

POWER: This light should be on at all times during normal operation. The control is powered by a low voltage transformer which is plugged into your home's electrical system. The transformer should never be unplugged. In the event of a power failure in your neighborhood, a rechargeable backup battery inside the control will take over and the POWER light will go out. If this light is out at any other time, insure that the transformer is plugged in and then check your home's fuses or circuit breakers. If they appear to be okay, call for service immediately.

ALERT: This light will come on during a burglary and remain on until the control is disarmed.

AWAY: This light comes on when you arm the system's burglary protection. You will be able to exit or enter your home through a selected door(s) when the system is armed to the AWAY mode. Both the perimeter and interior burglary protection will arm. Note that in some instances your installer may have wired a burglary sensor directly to the control. If that protected opening is not closed, the AWAY light will flash and the system will not arm. Ask for a demonstration if this is the case.

HOME: This light comes on when you arm the burglary protection of your system and wish to remain at home. Only the perimeter burglary sensors arm in the HOME mode to allow you free movement within your home's interior.

### 3. EXIT AND ENTRANCE DELAYS

Once your control is armed to the AWAY mode, you have approximately 20 seconds (40 seconds optional) in which to exit through a designated door(s) without causing a burglary alarm. All other doors and windows will cause an instant alarm. When you return home, you must enter through one of the selected door(s). When you do, the control's low volume speaker will sound an entry delay warning. You must disarm the system within 20 seconds (40 seconds optional) or it will go into a burglary alarm.

Designated doors are delayed only in the AWAY mode. Opening one of these doors when the system is armed to HOME will cause an immediate burglary alarm. Your installer can provide delayed exit and entrance doors in the HOME mode. Ask him to tell you why you might want this feature.

### 4. ARMING, DISARMING AND RESETTING THE SYSTEM

The burglary protection furnished by your system is armed and disarmed by the spring loaded keyswitch located below the indicator lights. The keyswitch will also reset the system from any alarm condition.

The control will change to the next mode (OFF, AWAY or HOME) each time the keyswitch is turned and released. The normal sequence is OFF, AWAY, HOME, OFF ... However, once the AWAY mode's 20 second exit time has expired, the control will

skip HOME and go directly to OFF when you turn the keyswitch. Remember, the indicator lights show the control's status. When neither the AWAY nor HOME light is on, the control is OFF.

Your system may also be remotely armed, disarmed or reset. The control will respond with low-volume "beeps" to indicate its status; one beep for AWAY, two beeps for HOME and three beeps for OFF. The portable transmitters and wireless keypad are used for remote control and are described in Section \_\_: Accessories.

## 5. AUDIBLE INDICATORS

ALARM SPEAKERS: Your installing company will recommend the type and number of speakers to be connected to your system. Each emergency has a distinctive sound to help you identify it. Be sure that you, your family and neighbors can recognize each sound so proper action can be taken immediately.

**FIRE:** A loud steady tone from the speakers

**PERSONAL PANIC:** A loud pulsing on/off tone from the speakers

**BURGLARY:** A loud warbling high/low tone from the speakers

Once an alarm has begun, the speakers will continue to sound for 5 minutes (10 minutes optional) and will then turn off (reset). Remember, you can reset the alarm at any time prior to the end of the 5 minutes by using the keyswitch or remote transmitters.

LOW VOLUME SPEAKER: Your system is equipped with a low volume speaker (LVS) which sounds throughout your home to inform, remind and warn you. Here is what it will do:

1. Away Mode Entry Warning - The LVS will sound a steady tone during the AWAY mode's entrance delay. This tone reminds you that the control must be disarmed within 20 seconds or a burglary alarm will occur.

2. Burglary, Fire and Panic Alarms - The LVS sounds a steady tone during these alarms and stops when the control resets.

3. Medical or Special Purpose Alarms - The LVS will beep continuously to signal a medical emergency. It will not stop until the control is reset by either

the keyswitch or a remote transmitter. When medical protection is not needed, your installer may recommend protecting a special area in your home. Typical uses would be protecting a gun, medicine, poison, jewelry cabinet, monitoring a food freezer or warning of a flooding basement.

4. 24 Hour Monitor - When your system is OFF and a protected door or window is opened, the LVS will sound a short beep. This alerts you to the fact that someone has entered your home. In addition, the beep indicates that the transmitter, battery and sensor at that location are working properly. Your installer can disable this function if you do not want it.

5. Remote Arm/Disarm Status - The LVS will indicate the status of the control (AWAY/HOME/OFF) when it is armed or disarmed remotely. (See Handheld Transmitters under Section \_\_\_ for an explanation.)

6. Hardwire Fire Loop Trouble - Your system may have a fire detector wired directly to the control. If the LVS does not turn off after a test or accidental alarm, it indicates a possible fault in the fire sensors. For your own protection, the LVS will continue to sound until the problem has been corrected. Ask your installer for an explanation.

#### \_. CENTRAL STATION MONITORING

Your system may be set up to notify a communication center known as a central station. These centers are equipped with modern computers and are staffed around the clock. They can identify who you are, the type of emergency in progress and will respond according to a predetermined set of instructions.

Your installing company will provide the equipment and information on the type of service best suited for you. Any or all of the following conditions and emergencies can be reported to a central station from your system.

1. Fire Alarm
2. Personal Panic Alarm
3. Burglary Alarm
4. Whether System is Armed or Disarmed

5. Medical Emergency

6. Low Voltage from the System's Backup Battery

The central station must be notified immediately if you have caused an accidental alarm. Be prepared to properly identify yourself so that they will not take action in response to the reported emergency.

\_. PERSONAL PANIC PROTECTION

Your system can provide a silent panic alarm, an audible panic alarm or both. These alarms are activated by the panic buttons located on the handheld transmitters and wireless keypads. The control responds immediately when you press the panic button on either device.

A silent panic alarm is used only when the system is connected to a central station. It gives no audible alarm in your home to alert the intruder that you are notifying the central station of a personal emergency. The system activates on the first press of a panic button and automatically resets after 2½ minutes. The control cannot be reset by the keyswitch or a remote transmitter. Pressing the panic button a second time within the 2½ minute period causes the system to go into a five minute audible alarm which can be reset whenever you choose.

Silent panic will be disabled by your installer if you are not connected to a central station or do not want this feature. An audible alarm now occurs each time a panic button is pressed.

\_. HOW TO TEST YOUR SYSTEM

Testing the system's fire protection weekly is recommended. The other parts of the system should be tested once a month. These tests will assure proper transmitter operation and adequate battery strength to send a signal to the control. Call the central station to notify them that you plan to perform a system test. Also advise other members of your household and neighbors so they will expect the alarm signals.

TESTING THE FIRE PROTECTION

1. Push and hold the "test" button located on each fire device.

2. A fire alarm should be heard from the speakers.
3. Reset the system and repeat steps 1 and 2 for each fire device.
4. Test the fire button on the wireless keypad if your system has one.
5. Call the central station and confirm that the proper signal was received. Then tell them that the test is over. Notify your household members and neighbors that the test has been completed.

TESTING THE PERIMETER BURGLARY PROTECTION:

1. Be sure that the system is disarmed.
2. Individually open each protected entry to your home.
3. The LVS should "beep" for each opening test. (See note below)
4. Arm the system to AWAY. Wait for the exit time to expire then open an entry/exit door. The LVS should sound for the entry delay period and then be followed by a burglary alarm.
5. Reset the system and arm to the HOME mode.
6. Open any protected entry to your home. The control should go into an immediate burglary alarm. Reset the system.
7. If your home has interior burglary protection, ask your installer for the correct testing procedures.
8. Call the central station and confirm that the proper signal was received. Then tell them that the test is over. Notify your household members and neighbors that the test has been completed.

NOTE: If the monitor feature used in step 3 was disabled at your request it will be necessary to arm the system to HOME and initiate a full alarm to test each opening.