

**Honeywell**

**ADEMCO VISTA-40**  
**2-Partitioned Security System**

**User Guide**



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# *System Overview*

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## **General**

Your Honeywell security system consists of a main control panel, at least one keypad, and various sensors strategically positioned throughout the premises. The system offers you three forms of protection: burglary, fire and emergency. The keypad provides full control of system operation.

The system uses microcomputer technology to monitor all protection zones and system status and provides appropriate information for display on the keypad(s) used with the system, and initiates appropriate alarms. Your system may also have been programmed to automatically transmit alarm or status messages over the phone lines to a central alarm monitoring station.

**This manual is designed to help you become comfortable operating your system. Each function is explained in step-by-step detail. We recommend you read the SYSTEM OVERVIEW section to become familiar with the terminology and the basic features of the system.**

## **A Partitioned System**

Simply stated, a partitioned system shares one physical alarm system among different users, each with their own requirements. For the most part, you as a user need not know about other users and their structure in the system, but from time to time, you may see display messages that indicate the system is in use by another user. Do not be concerned, this is normal. Refer to the ACCESSING OTHER PARTITIONS section for additional information.

## **Zones**

Your system's sensing devices have been assigned to various "zones." 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. These numbers will appear on the display, along with an alpha descriptor for that zone (if programmed), when an alarm or trouble condition occurs.

## ***System Overview (cont'd)***

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### **Fire Protection**

The fire protection portion of your security system (if used) is always on and will sound an alarm if a fire condition is detected. Refer to the FIRE ALARM SYSTEM section for important information concerning fire protection, smoke detectors and planning emergency exit routes from your house.

This control complies with National Fire Protection Association (NFPA) requirements for temporal pulse sounding of fire notification appliances. Temporal pulse fire alarm sounding occurs only at external sounders and at two-way voice keypads (if used), and consists of 3 pulses – pause – 3 pulses – pause – 3 pulses, etc.

### **Burglary Protection**

The burglary protection portion of your system must be turned on or "armed" before it will sense burglary alarm conditions. Your system provides four modes of burglary protection: STAY, AWAY, INSTANT and MAXIMUM, and even allows you to BYPASS selected zones of protection while leaving the rest of the system armed. The system also provides a CHIME mode, for alerting users to the opening and closing of doors and windows while the system is disarmed. Refer to the other sections of this manual for procedures for using these features.

The following table lists the four different arming modes and the results of each.

<b>Arming Mode</b>	<b>Features For Each Arming Mode</b>		
	Exit Delay	Entry Delay	Perimeter Armed
AWAY	Yes	Yes	Yes
STAY	Yes	Yes	Yes
INSTANT	Yes	No	Yes
MAXIMUM	Yes	No	Yes

### **Alarms**

When an alarm occurs, both the keypad and external sounders will sound, and the keypad will display the zone(s) causing the alarm. If your system is connected to a central monitoring station, an alarm message will also be sent. To stop the alarm sounding, simply disarm the system.

## ***System Overview (cont'd)***

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### **Memory of Alarm**

When an alarm condition occurs, the keypad displays the number(s) of the zone(s) that caused the problem, and displays the type of alarm (ex. FIRE, ALARM). It remains displayed until it is cleared by disarming the system (see DISARMING THE SYSTEM section).

### **To Access Another Partition (GOTO Command)**

Each keypad is assigned a default partition for display purposes, and will show only that partition's information. But, if the user is authorized, a keypad in one partition can be used to perform system functions in another partition, by using the GOTO command. Note that only those partitions authorized and programmed by the installer can be accessed in this manner.

To GOTO another partition, enter your security code, then press [\*] followed by the desired partition number (1-2).

The keypad will remain in the new partition until directed to go to another partition, or until 120 seconds has elapsed with no keypad activity. Entering your security code, pressing [\*] followed by [0] will return the keypad to its original partition.

### **Self-Help Feature**

Abbreviated user's instructions are built into the system that can be easily viewed on the alpha keypad's message display screen. This feature will prove particularly useful if this manual is not conveniently accessible when you need to perform a system procedure with which you are not familiar.

#### **To view the abbreviated instructions:**

Simply press and hold down the function key of interest until the description starts to appear (about 5 seconds) and then release it. The system must be "READY TO ARM" to perform this function.

Refer to the FUNCTIONS OF THE KEYPAD section for descriptions of each key function.

## ***System Overview (cont'd)***

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### **Phone Access & Voice Response Capability**

Your system may include a 4285 or 4286 VIP module that will permit you to access the system via a Touch-tone phone, either on-premises or by call-in when away. The phone access feature will enable you to do the following:

- Receive synthesized voice messages over the telephone regarding the status of the security system.
- Arm and disarm the system and perform most function commands via the telephone, with voice confirmation provided after each command entry.
- Control 4204/4204CF relays devices and lights and appliances through the #70 Manual Relay Activation mode.

Complete information regarding the use of this feature is provided in a separate manual entitled PHONE ACCESS USER'S GUIDE, which accompanies the 4285 or 4286 VIP module.



## ***About The Keypads***

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### **General**

**IMPORTANT:** If the keypad beeps rapidly upon entering the premises, it indicates that an alarm has occurred during your absence. LEAVE IMMEDIATELY and CONTACT THE POLICE from a safe location nearby.

Your keypads allow you to control all system functions. The keypads feature a telephone style (digital) keypad and a Liquid Crystal Display (LCD) that shows the nature and location of all occurrences. Keypad display back lighting is programmable to always stay on or to light only when a key is pressed, then turn off a few minutes later.

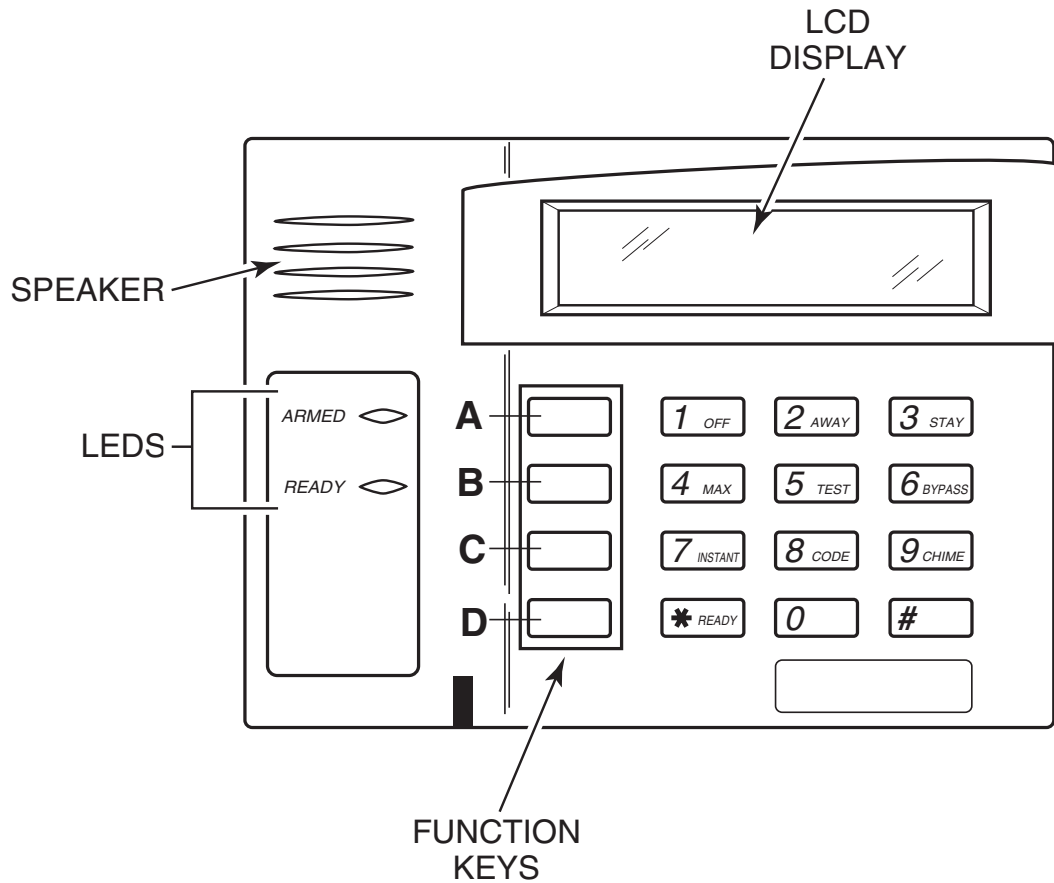
The keypads also feature a built-in sounder that will sound during alarms and troubles. It will also "beep" during certain system functions, such as during entry/exit delay times, during CHIME mode, and when depressing keys to perform system functions (to acknowledge the key press). These sounds can be optionally suppressed in some of your keypads (so as not to disturb other users of the system). Ask your installer if this has been done.

### **The Alpha Keypad**

Alpha keypads feature a 2-line, 32 character alphanumeric Liquid Crystal Display (LCD) that can display system messages in user-friendly English. Abbreviated user's instructions can also be displayed (see Self Help paragraph in the SYSTEM OVERVIEW section). These keypads can also be programmed with custom zone descriptors.

## Functions Of The Keypad

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6160-00-002-V1

**IMPORTANT!:** When using the keypad to enter codes and commands, sequential key depressions must be made within 3 seconds of one another. If 3 seconds elapses without a key depression, the entry is aborted and must be repeated from its beginning.

## ***Functions Of The Keypad (cont'd)***

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**ALPHA DISPLAY WINDOW:** A 2-line, 32-character Liquid Crystal Display (LCD). Displays protection point identification and system status, messages, and user instructions.

**1 OFF** : Disarms the burglary portion of the system, silences alarms and audible trouble indicators, and clears visual alarm trouble after the problem has been corrected.

**2 AWAY** : Completely arms both perimeter and interior burglary protection by sensing an intruder's movements through protected interior areas as well as guarding protected doors, windows, etc. Late arrivals can enter through an entry delay zone without causing an alarm if the system is disarmed before the entry delay time expires.

**3 STAY** : Arms the perimeter burglary protection, guarding protected doors, windows and other perimeter protection points, and sounds an alarm if one is opened. Allows automatic bypassing of certain areas, which allows movement within your house without causing an alarm. Late arrivals can enter through an entry delay zone without causing an alarm if the system is disarmed before the entry delay time expires. See *ARMING PERIMETER ONLY* for a full explanation of the STAY key.

**4 MAXIMUM** : Arms in manner similar to AWAY mode, but eliminates the entry delay period, thus providing maximum protection. An alarm will occur immediately upon opening any protection point, including entry delay zones.

**5 TEST** : Tests the system and alarm sounder if disarmed.

**6 BYPASS** : Removes individual protection zones from being monitored by the system. Displays previously bypassed protection zones.

**7 INSTANT** : Arms in manner similar to STAY mode, but turns off the entry delay period, offering greater security while inside and not expecting any late arrivals. An alarm will occur immediately upon opening any perimeter protection point, including entry delay zones.

**8 CODE** : Allows the entry of additional user codes that can be given to other users of the system.

## ***Functions Of The Keypad (cont'd)***

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**9 CHIME** : Turns on & off the CHIME mode. When on, any entry through a protected delay or perimeter zone while the system is disarmed will cause a tone to sound at the Keypad(s).

**\* READY** : When depressed prior to arming the system, the keypad will display all open protection zones within the keypad's home partition. This key is also used to display all zone descriptors that have been programmed for your system, by holding the key down for at least 5 seconds.

**#** : Permits ARMING of the system without use of a security code ("Quick Arm", if programmed).

**KEYS 0-9:** Used to enter your individual security access code(s).

**LED READY INDICATOR:** (GREEN) Lit indicates system is ready to be armed, while unlit indicates system not ready.

**LED ARMED INDICATOR:** (RED) Lit when the system has been armed (STAY, AWAY, INSTANT or MAXIMUM).

**SPEAKER:** Source of audible internal warning and confirmation sounds, as well as alarms (see "Summary of Audible Notifications").

**FUNCTION KEYS:** These keys can be used for panic keys. Refer to the PANIC KEYS sections for descriptions of these keys.

**NOTE:** On some keypads, these keys are not present.

## ***Entry/Exit Delays***

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### **General Information**

Your system has installer-programmed time delays, known as exit delay and entry delay. Whenever you arm your system, **exit delay** gives you time to leave through the designated exit door without setting off an alarm. Exit delay begins immediately after entering any arming command, and applies to all modes of arming protection. If programmed, a slow beeping will sound throughout the exit delay period.

**Entry Delay** gives you time to disarm the system when you reenter through the designated entrance door. But the system must be disarmed before the entry delay period ends, or an alarm will occur. The keypad will beep during the entry delay period, reminding you to disarm the system. You can also arm the system with no entry delay at all by using either INSTANT or MAXIMUM arming modes. These modes provide greater security while on the premises or while away for extended periods of time. See your installer for your delay times.

# ***Security Codes & Authority Levels***

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## **General Information**

At the time of installation, you were assigned an authority level and a personal four-digit security code, known only to you and yours. The security code must be entered when arming and disarming the system. The authority level defines the system functions that you can perform.

As an additional safety feature, other users that do not have a need to know your code can be assigned different security codes, and each user can be given a different authority level. Users are identified by "user numbers", which are assigned when assigning a user's security code.

All codes can be used interchangeably when performing system functions within the limits of each code's authority level (a system armed with one user's code can be disarmed by another user's code), with the exception of the Operator Level C code. See AUTHORITY LEVELS on the following page for details regarding authority levels.

## **Duress Code**

This feature is intended for use if you are forced to disarm or arm the system under threat. When used, the system will act normally, but can silently notify the central station of your situation, if that service has been provided. The duress code is pre-assigned by the installer during installation (authority level 6).

**Important:** This code is useful only when the system is connected to a central station.

## **Quick Arming**

Note that if "Quick Arming" was programmed by the installer, the [#] key can be pressed in place of the security code when arming the system. The security code must always be used to disarm the system, however.

## ***Security Codes & Authority Levels (cont'd)***

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### **Authority Levels**

Authority levels define the system functions a particular user can perform. Depending on the authority assigned to you, there are certain system functions you may be prohibited from performing. In summary, there are six authority levels, each having certain system restrictions as shown below.

**Level 1 Master:** Can perform all system functions in assigned partitions, and can add, delete or change Manager and Operator level users. Master codes are added by the Installer.

**Level 2 Manager:** Can perform system functions in assigned partitions, and can add, delete or change Operator level users.

**Level 3 Operator A:** Can perform system functions in assigned partitions, but cannot add or delete other users.

**Level 4 Operator B:** Same as Operator A, except Operator B cannot bypass zones of protection.

**Level 5 Operator C:** Can arm the system in assigned partitions, but cannot disarm the system **unless** the system was armed with this code. This code is typically assigned to someone who has a need to arm/disarm the system only at certain times (such as a baby-sitter).

**Level 6 Duress:** Can arm and disarm the system, but also sends a silent panic alarm to the central station, if that service is connected.

#### **To view your authority level and system capabilities:**

1. Enter your code + [\*] + [\*].
2. The keypad will display the partition(s) that you are authorized to operate, and your user number and authority level in each partition.

## ***Security Codes & Authority Levels (cont'd)***

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### **General Rules on Authority Levels and Changes**

- A user may not delete or change the user code of the SAME or HIGHER authority than which he is assigned.
- A user may only ADD users to a LOWER authority level.
- A user may assign access codes only to those partitions to which the user adding the code has access. (ex. a user with access to only partition 1 cannot assign codes in partition 2.)
- The only way to assign a user's authority level is by using the "Add A User" procedure. To change a user's authority level, that user must first be deleted, then added again.
- A user can only be DELETED or CHANGED from within the partition he is assigned.
- User numbers must be entered as 2-digit entries. Single digit user numbers must be preceded by a "0" (example, 03, 04, etc.). Security codes are entered as 4-digit numbers.
- Before assigning a security code, be sure it does not conflict with any DURESS code.

**Note:** When adding, changing or deleting users, all other alpha keypads in that partition will display "User Edit Mode – Please Stand By", and key depressions (except Panic) at those keypads will be ignored. Panic key depressions will cause an alarm and terminate user entry.

### **To Exit User Edit Mode**

You can exit any of the user edit modes described on the following pages at any time by doing the following:

1. Press either \* or # , or don't press any key for 10 seconds.
2. System returns to normal mode.



## ***Security Codes & Authority Levels (cont'd)***

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### **To Add a User**

**IMPORTANT:** Temporary users should not be shown how to use any system function they do not need to know (e.g. bypassing protection zones).

- CODE**
1. Enter Master or Manager code and press the  key.
  2. Enter the new user's 2-digit User Number (01-69).
  3. Enter 4-digit security code for that user. The following prompts will appear.

ADD NEW USER? 0 = NO , 1 = YES
-----------------------------------

Enter 1 to add a new user code. Entering 0 will change the existing user's code to the code entered in step 3. See Changing A User's Code section.

USER NUMBER = 03 ENTER AUTH. LEVEL
---------------------------------------

Enter the authority level, 1-6, for this user within this partition.

1=master            2=manager        3=operator A  
4=operator B       5=operator C     6=duress code

RF BUTTON ? 0 = NO , 1 = YES
---------------------------------

This prompt will appear if a 5800 series button transmitter has been supplied and has not yet been assigned to a user. Press 1 if a button transmitter will be assigned to this user. Otherwise press 0.

ENTER BUTTON ZN # (01-64)
------------------------------

If assigning a button transmitter, this prompt will appear. Enter the button's zone number (see your installer for zone number).

MULTI-ACCESS ? 0 = NO , 1 = YES
------------------------------------

If you as a user have access to the other partition, the keypad will prompt for ability of this new user to access (GOTO) those partitions. Press 0 (NO) or 1 (YES). If no, the system activates this user code and exits "Add a User" mode. If yes, the keypad prompts for the Global Arm option for this user.

GLOBAL ARM ? 0 = NO , 1 = YES
----------------------------------

Press 1 (YES) if this user will be allowed to try to arm more than one partition at the same time. Press 0 if this user will arm only his assigned partition.

## Security Codes & Authority Levels (cont'd)

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PART.2 - SHOP?  
0 = NO , 1 = YES

The keypad now prompts for the user's access to the next partition (see GOTO command). Again press 0 or 1. If yes, the system will automatically assign a user number for use in that partition and will prompt for authority level and global arm options for this user within the partition (see previous steps).

PART. 1 A0\* WHSE  
USER 03 AUTH=3G.

When both partitions have been displayed, the keypad will scroll through the partition(s) to which access has been assigned, and will display the user number, authority level and global arm option for each. The "G" after the authority level indicates that the global arm feature is active for this user in the displayed partition. The "\*" indicates the partition from which this user can be changed or deleted. The "." at the end of the second line indicates that this user sends open/close reports. Open/close reporting is automatically active for any users added by you, if you have open/close reporting active.

### To Change a User's Code

1. Enter Master or Manager code and press the **CODE**  key + user number to be changed.
2. Enter the new code for that user.

ADD NEW USER?  
0 = NO , 1 = YES

The system will recognize that the user number is already in use and will prompt whether or not this is a new user. Enter 0 to change the existing user's code to the code entered in step 3.

USER 02 CHANGED  
SUCCESSFULLY

The system will confirm that the change is allowed based on authorization level, and if so, will put the new code into effect.

**Note that if changing one's own code,** the system will prompt for the new code to be re-entered. This prevents accidentally changing one's own code.

## ***Security Codes & Authority Levels (cont'd)***

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### **To Delete a User**

- CODE
1. Enter Master or Manager code and press the  key + user number to be deleted.
  2. Enter Master or Manager code first entered.

OK TO DELETE 0 = NO , 1 = YES
----------------------------------

The system will recognize that the User number is already in use and will prompt to confirm that it should be deleted. Press 0 (NO) or 1 (YES).

USER CODE DELETED
----------------------

If yes, that user's code will be removed from all partitions to which it was assigned, and all authorization levels and other information about that user will be deleted. Note that a user can only be deleted from the partition in which it was first assigned, and can only be deleted by a user with a higher authority level. A User's security code cannot be deleted by oneself.

## ***Accessing Other Partitions***

---

### **To Access Another Partition**

Each keypad is assigned a default partition for display purposes, and will show only that partition's information. But, if the user is authorized, a keypad in one partition can be used to perform system functions in the other partition, by using the **GOTO** command. Note that only the partitions authorized and programmed by the installer can be accessed in this manner.

#### **To GOTO another partition:**

- READY
1. Enter your security code, then press  + partition number (0-2).

Entering partition number 0 will return the keypad to its original partition.

2. 

LOG-ON TO	AAAA
PART. X	COMPLETE

 The keypad will remain in the new partition until directed to go back to the original partition, or until 2 minutes has elapsed with no keypad activity.

AAAA = alpha descriptor programmed by the installer

X = partition number

### **Global Arming**

The Global Arming option may be assigned for use by some users. If Global Arming was enabled for use with your security code, a keypad prompt (message) shown below appears after pressing one of the arming function keys (STAY, INSTANT, AWAY, MAXIMUM, OFF).

---

## ***Accessing Other Partitions (cont'd)***

---

ARM P 1 2 3 4 5 6 7 8
HIT 0-8 XXX- - X- -

The prompt displays all the partitions. The user may only arm/disarm the partitions they are assigned access to.

To select the partition(s) that are to be armed, enter the desired number 1-8. An "X" will appear under that partition. Entering a partition's number again will delete the "X" and that partition will not arm when this prompt is exited.

Pressing 0 will turn all partitions the user is assigned access to on/off.

When completed, press \* to exit. All the partitions with the "X" will then arm/disarm.

### **Global Arming Notes:**

- When performing a Global Arm, if there are faults in either partition, the system will enter a Summary Mode. Faulted zones in all the partitions will be displayed. These faults must be corrected or bypassed. This Summary Mode will end in approximately 120 seconds if no keys are pressed.
- When performing a Global Disarm, if either of the partitions has a condition which would cause the keypad to beep (e.g., alarm memory or a trouble condition), the system enters a Summary Mode and displays the condition. This Summary Mode will end in approximately 120 seconds if no keys are pressed.

## Checking For Open Zones

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### Using the READY Key

Before arming your system, all protected doors, windows and other protection zones must be closed or bypassed (see BYPASSING section). Otherwise the keypad will display a "Not Ready" message. Using the **READY** key will display all zones that are faulted, making it easier for you to secure any open zones.

#### To show faulted zones:

DISARMED - PRESS  
\* TO SHOW FAULTS

**Note:** Some keypads light a green LED when the system is ready. If not lit, the system is not ready to be armed.

1. Do not enter security code, but simply press  **READY**.

FAULT 05 FRONT  
UPSTAIRS BEDROOM

#### Typical fault display

2. 

DISARMED  
READY TO ARM

Secure or bypass the zones displayed before arming the system. The "Ready" message will be displayed<sup>†</sup> when all protection zones have been either closed or bypassed.

<sup>†</sup> **NOTE:** All or part of this message may be replaced by a customized message programmed by the installer. Bear this in mind whenever the instructions indicate that the "DISARMED" or "READY" message will be displayed.

## *Displaying All Zone Descriptors*

---

### Using the \* READY Key

The Alpha Keypads can also display all the zone descriptors that are programmed in your system. The abbreviated instructions for the **READY** key will appear first, followed by the zone descriptors. Displaying all descriptors is useful when you need to know the zone number of a particular zone, as when bypassing zones.

**The "Disarmed-Ready to arm" message must be displayed before zone descriptors can be displayed.**

Press the  \* <sup>READY</sup> key and hold down for at least 5 seconds.

## ***Bypassing Protection Zones***

---

### Using the **6** BYPASS Key

This key is used when you want to arm your system with one or more zones intentionally unprotected. Bypassed zones are unprotected and will not cause an alarm when violated while your system is armed. All bypasses are removed when an OFF sequence (security code plus OFF) is performed. Bypasses are also removed if the arming procedure that follows the bypass command is not successful.

**Note: The system will not allow fire or emergency zones to be bypassed.**

**To bypass zones, the system must be disarmed first.**

#### BYPASS

1. Enter your security code and press **6** .
2. Enter zone number(s) for the zones to be bypassed (e.g., 01, 02, 03, etc.).  
**Important!** All single-digit numbers must be preceded by "0" (for example, enter 01 for zone 1).
3. 

BYPASS 07 FRONT UPSTAIRS BEDROOM
-------------------------------------

  
*Typical bypass message* When finished, the keypad will display the word BYPASS along with each bypassed zone number. Wait for these zones to be displayed before arming. Arming the system before bypassed zones are displayed eliminates all bypasses.
4. 

DISARMED BYPASS READY TO ARM
---------------------------------

 Arm the system as usual when the keypad displays "ready" to arm message.



## ***Bypassing Protection Zones (cont'd)***

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### **Quick Bypass**

Your system allows you to easily bypass all open (faulted) zones without having to enter zone numbers individually.

**Note:** All bypasses are removed when an OFF sequence (security code plus OFF) is performed.

#### **To use the Quick Bypass feature:**

**BYPASS**

1. Enter your security code and press  then press .
2. 

BYPASS 07 FRONT UPSTAIRS BEDROOM
-------------------------------------

*Typical bypass message*

In a few moments, all open zones will be displayed along with the word BYPASS. Wait for these zones to be displayed before arming. Arming the system before bypassed zones are displayed eliminates all bypasses.
3. 

DISARMED BYPASS READY TO ARM
---------------------------------

Arm the system as usual when the keypad displays the "ready" to arm message. Bypassed zones are unprotected and will not cause an alarm when violated while your system is armed.

### **Displaying Bypassed Zones**

For determining what zones have been previously bypassed. Bypassed zones can be displayed only when system is disarmed.

**BYPASS**

1. Enter your security code and press .
2. Wait for all bypassed zones to be sequentially displayed.

# Arming Perimeter Only

(With Entry Delay ON)

---

## Using the 3 STAY key

Use this key when you are staying home, but might expect someone to use the entrance door later.

When armed in STAY mode, the system will sound an alarm if a protected door or window is opened, but you may otherwise move freely throughout the premises. Late arrivals can enter through the entrance door without causing an alarm, but they must disarm the system within the entry delay period or an alarm will occur.

Check with your installer for a list of the zones that are bypassed during the STAY mode.

**Close all perimeter windows and doors before arming (see CHECKING FOR OPEN ZONES section)**

1. Enter your security code and press 3 <sup>STAY</sup>
2. 

ARMED ***STAY*** ZONE BYPASSED
-----------------------------------

 The keypad beeps three times, displays the armed message.  
**Note:** "ZONE BYPASSED" in this display simply indicates that some zones of protection are not armed when using STAY mode.

# Arming Perimeter Only

(With Entry Delay OFF)

---

## Using the 7 INSTANT Key

Use this key when you are staying home and do not expect anyone to use the entrance door.

When armed in INSTANT mode, the system will sound an alarm if a protected door or window is opened, but you may otherwise move freely throughout the premises. The alarm will also sound immediately if anyone opens the entrance door.

Check with your installer for a list of the zones that are bypassed during the INSTANT mode.

**Close all perimeter windows and doors before arming (see CHECKING FOR OPEN ZONES section)**

INSTANT

1. Enter your security code and press 7

2. ARMED INSTANT  
ZONE BYPASSED The keypad beeps three times, displays the armed message.

**Note:** "ZONE BYPASSED" in this display simply indicates that some zones of protection are not armed when using INSTANT mode.

# Arming All Protection

(With Entry Delay ON)

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## Using the 2 AWAY Key

Use this key when no one will be staying on the premises.

When armed in AWAY mode, the system will sound an alarm if a protected door or window is opened, or if any movement is detected inside the premises. You may leave through the entrance door during the exit delay period without causing an alarm. You may also reenter through the entrance door, but must disarm the system within the entry delay period or an alarm will occur.

**Close all perimeter windows and doors before arming (see CHECKING FOR OPEN ZONES section)**

1. Enter your security code and press 2 .
2. 

AWAY ARMED **AWAY** YOU MAY EXIT NOW
--

 The keypad will beep twice and will display the armed message.  
**Note:** The "YOU MAY EXIT NOW" portion of the message disappears when exit delay expires.

## **Arming All Protection** *(With Entry Delay OFF)*

---

### Using the **4** MAXIMUM Key

Use this key when the premises will be vacant for extended periods of time such as vacations, etc., or when no one will be moving through protected interior areas.

When armed in MAXIMUM mode, the system will sound an alarm if a protected door or window is opened, or if any movement is detected inside the premises. You may leave through the entrance door during the exit delay period without causing an alarm, but an alarm will be sounded as soon as someone reenters.

**Close all perimeter windows and doors before arming (see CHECKING FOR OPEN ZONES section).**

#### MAXIMUM

1. Enter your security code and press **4** .
2. 

ARMED *MAXIMUM* YOU MAY EXIT NOW
-------------------------------------

 The keypad will beep twice and will display the armed message.

**Note:** The "YOU MAY EXIT NOW" portion of the message disappears when exit delay expires.

## ***Disarming And Silencing Alarms***

---

### **Using the 1 OFF Key**

The **OFF** key is used to disarm the system and to silence alarm and trouble sounds. See "SUMMARY OF AUDIBLE NOTIFICATION" section for information which will help you to distinguish between FIRE and BURGLARY alarm sounds.

**IMPORTANT:** If you return and the main burglary sounder is on, DO NOT enter the premises, but call the police from a nearby safe location. If you return after an alarm has occurred and the main sounder has shut itself off, the keypad will beep rapidly upon entering, indicating that an alarm has occurred during your absence. LEAVE IMMEDIATELY and CONTACT THE POLICE from a nearby safe location.

#### **To disarm the system and silence burglary or fire alarms:**

1. Enter your security code and press 1 <sup>OFF</sup> .

DISARMED  
READY TO ARM

2. The Ready message will be displayed (if no alarms have occurred while armed) and the keypad will beep once to confirm that the system is disarmed.

### **Memory of Alarm**

The keypad displays the zone number and type of alarm for any zone that has an alarm condition. These messages will remain displayed until cleared by a user. If an alarm has occurred, note the zone number displayed on the keypad and repeat step 1 above to clear the "Memory of Alarm" and restore the Ready message display. If the Ready message will not display, go to the displayed zone and remedy the fault (close windows, etc.). If the fault cannot be remedied, notify the alarm agency.

If the system was armed when the alarm occurred, repeat step 1 twice: once to disarm the system, a second time to clear the display.

## Using The Keyswitch

---

### General

Your system may be equipped with a keyswitch for use when arming and disarming a partition. A red and green light on the keyswitch plate indicate the status of your system as follows:

**Green Light:** Lights when the system is **disarmed and ready** to be armed (no open zones). If the system is disarmed and the green light is off, it indicates the system is not ready (one or more zones are open).

**Red Light:** Lights when system is armed or memory of alarm exists.

**Lit Steady:** Partition is **armed in AWAY** mode.

**Slow Flashing:** Partition is **armed in STAY** mode.

**Rapid Flashing:** Memory of alarm, indicating an alarm has occurred .

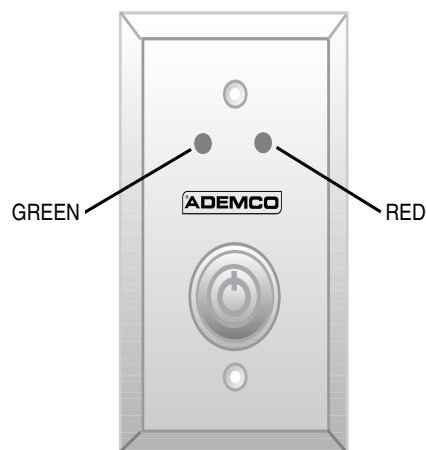
### Arming

**To arm in the AWAY mode,** turn the key to the right for 1/2 second and release. Keypads will beep twice and the red light will stay on steady.

**To arm in the STAY mode,** turn the key to the right and hold for longer than 1 second, then release. Keypads will beep three times and the red light will flash slowly.

### Disarming

**To disarm the partition,** turn the key to the right and release. If an alarm has occurred, the red light will be flashing rapidly (memory of alarm).



## Chime Mode

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### Using the **9** Key

Your system can be set to alert you to the opening of a door or window while it is disarmed by using CHIME mode. When activated, three tones will sound at the Keypad whenever a protected perimeter door or window is opened, and the Not Ready message will be displayed. Pressing the **READY** key will display the open protection points.

Note that Chime mode can be activated only when the system is disarmed.

1. **To turn Chime Mode on**, enter the security code and press **9** .

CHIME MODE ON

The CHIME MODE ON message will appear for about two seconds then disappear. To display this message again (to determine whether chime mode is on or off), simply press and hold down the **CHIME key** for 5 seconds.

2. **To turn Chime Mode off**, enter the security code and press **9** again.

CHIME MODE OFF

The CHIME MODE OFF message will appear for about two seconds then disappear. To display this message again (to determine whether chime mode is on or off), simply press and hold down the **CHIME key** for 5 seconds.



## ***Viewing Alarm Company Messages***

---

### **General Information**

Users of the system may periodically receive messages on their display screens from their monitoring agency or installer. When a message is waiting to be viewed, the message shown below will appear.

MESSAGE. PRESS 0  
FOR 5 SECS.

1. Press and hold down  key for 5 seconds.
2. The message could take up to four screens to display all the information available.

**NOTE:** Any message sent by the central station downloader may be viewed at any partition's keypad.

# Panic Keys

*(For Manually Activating Silent And/Or Audible Alarms)*

---

## Using Panic Keys

Your system may have been programmed to use special key combinations to manually activate panic functions. The functions that might be programmed are Silent Emergency, Audible Emergency, Personal Emergency, and Fire. See your installer for the function(s) that may have been programmed for your system.

### Active Panic Functions

(Your installer should note which function(s) is active in your system.)

Keys	Zone	Function
1 and *	95	
3 and #	96	
* and #	99	
A	95	
B	99	
C	96	

**To use a paired key panic function, simply press both keys of the assigned pair at the same time.**

**If your keypad(s) have lettered keys for panic functions, press the designated key and hold down for at least 2 seconds to activate the panic function.**

**A silent emergency** sends a silent alarm signal to the central station, but there will be no audible alarms or visual displays.

**An audible emergency** sends an emergency message to the central station (if connected) and will sound a loud, steady alarm at your keypad **and** at any external sounders that may be connected (**ALARM** plus a zone number would also be displayed).

A personal emergency alarm sends an emergency message to the central station (*if connected*) and will sound at Keypads, but not at external bells or sirens. (**ALARM** plus a zone number would also be displayed.)

**A fire alarm** sends a fire alarm message to the central station and will uniquely sound external bells and sirens (**FIRE** plus a zone number would also be displayed).

## ***Access Door Control***

---

### **General Information**

Your system may be set up such that a locked access door (such as in a lobby) can be unlocked momentarily or for a specific period of time, using a keypad command. Ask your installer if this has been done in our system.

### **Executing**

To execute the access control function at the keypad, enter the following command:

Enter your security code + [0]. The door will unlock for 2 seconds.

## Using #70 Relay Menu Mode

---

### General Information

Your system may be set up so that certain lights or other devices can be turned on or off by using the #70 command from either a keypad or a telephone keypad (if 4285 or 4286 VIP module is used). Ask your installer if this has been done in your system.

**To activate relays from a keypad**, enter 4-digit security code + [#] +70. Follow the keypad prompts described below.

**To activate relays using a telephone and 4285 or 4286 VIP module**, first dial the 2-digit phone access code. When the system acknowledges the access, enter 4-digit security code + [#] + 70. The following prompts/voice responses will begin.

ENTER DEVICE NO. 00=QUIT                      01
---

<b>Voice:</b> "ENTER DEVICE CODE NOW"
---------------------------------------

Enter the 2-digit number of the device to be activated.

Note that if an invalid number is entered, the system will simply ask you to reenter the number.

NN    DEVICE IS OFF HIT 0=OFF , 1=ON
---

<b>Voice:</b> " <i>voice descriptor</i> DEVICE nn ON/OFF. FOR <i>voice descriptor</i> ON ENTER 1, FOR <i>voice descriptor</i> OFF ENTER 0"
--

Press 0 or 1 to turn the device off or on respectively. "nn" represents the 2-digit device number and *voice descriptor* is the relay voice descriptor programmed by the installer.

NN    DEVICE IS OFF HIT THE "*" KEY
--

<b>Voice:</b> " <i>voice descriptor</i> DEVICE nn ON/OFF. TO EXIT ENTER 00 NOW"
---

**From a keypad**, press \* to continue. The ENTER DEVICE NO. prompt will appear.

**From a telephone keypad**, enter 00 to exit, or enter the next relay number to be programmed. The current on/off state of that relay will be annunciated as described above. Alternatively, if 6 seconds elapses with no key depression, the 4285 or 4286 VIP module will annunciate the "ENTER DEVICE CODE NOW" message.

## ***Event Log Procedures***

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### **General Information**

The system has the ability to record various events in a history log wherein each event is recorded in one of five categories (listed below), with the time and date of its occurrence. The Event Log holds up to 100 events, with the oldest event being replaced by the logging of any new event after the log is full. Using an alpha keypad, the Event Log can be viewed one category at a time, or can display all events, regardless of category (ALL EVENT LOG). The system also allows selection of displaying the COMPLETE log, or only those events occurring since the last installer service (RECENT). In addition, events in a partition can be viewed by users authorized to access that partition. Note that events are displayed in chronological order, from most recent to oldest.

### **To Display The Event Log**

1. **Enter CODE + [#] + [6] + [0]**
2. **Select the display mode.**  
RECENT: Displays only those events occurring since last Event Log Clear command was executed.  
COMPLETE: Displays complete event log (up to 100 events).  
Press the desired key, 0 or 1.

ENTER 0 = RECENT 1 = COMPLETE
----------------------------------

3. **Select the partition, 0-2.**  
Enter the partition number for the partition whose events are to be displayed.  
Entering 0 (NO) will display all partitions' events.

SCAN LOG BY PART 0=NO 1-2=PART #
-------------------------------------

## Event Logging Procedures (continued)

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4. Use the [3] & [1] keys (for next and previous categories respectively) to display the categories of events.

Press [8] to select a category and display the first event. Press [8] again for each subsequent event.

Shows burglary alarm occurred in zone 3 (C03) of partition 1 (P1), at 12:02AM on January 1.

P1 01/01 12:02AM BURGLARY C03
----------------------------------

*Typical  
Event Log  
Display*

After the last event has been displayed, the END OF EVENT LOG message appears for a few seconds, then the system automatically displays the RECENT/COMPLETE mode select screen again (see step 2).

5. To EXIT the Event Log:

Press [\*] at any time.

ALARM EVENT LOG TYPE CCC UUU
---------------------------------

*Typical  
Category  
Select Screen*

### ALARM EVENT LOG

Displays time and date for zones that have either caused an alarm or have been restored in the selected partition.

### CHECK EVENT LOG

Displays time and date for zones that have caused a trouble or supervisory condition in the selected partition.

### BYPASS EVENT LOG

Displays time and date for zones that have been bypassed in the partition.

### OPEN EVENT LOG

Displays time, date and user number or 6-character descriptor for the user, if programmed, for each arming and disarming of the system for the partition selected.

### SYSTEM EVENT LOG

Displays time and date for system problems, such as AC Loss, low battery, etc., regardless of partition.

### ALL EVENT LOG

Displays all categories of events in chronological order.

See your Installer for additional information concerning the event log.
---

## ***Testing The System (To Be Conducted Weekly)***

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### **Using the 5 TEST Key**

The **TEST** key puts your system into Test mode, which allows each protection point to be checked for proper operation.

1. Disarm the system and close all protected windows, doors, etc. **READY** should be displayed.
2. Enter your security code and press the 5 <sup>TEST</sup> key.
3. The external sounder should sound for 3 seconds and then turn off. If the sounder does not sound, it may be due to dialer communication activity. Wait a few minutes and try again. If the sounder still does not sound, **CALL FOR SERVICE IMMEDIATELY**.
4. The keypad will sound a single beep every 15 seconds as a reminder that the system is in Test mode. Each time a protection zone is faulted (opened), the keypad should beep three times. If the sounder does not sound, **CALL FOR SERVICE IMMEDIATELY**.

### **Testing Your System**

1. Open and close each protected door and window in turn and listen for three beeps. Each faulted protection point should appear on the display.
2. Walk in front of any motion detectors (if used) and listen for three beeps as movement is detected (wireless motion detectors have a 3-1/2 minute lockout between trips). Each detector's should appear on the display when it is activated.
3. Follow the manufacturer's instructions to test all smoke detectors to ensure that all are functioning properly. Each detector should appear on the display when activated.
4. When all protection points have been checked, there should be no zone identification numbers displayed. If a problem is experienced with any protection point (no confirming sounds, no display), **CALL FOR SERVICE IMMEDIATELY**.
5. Turn off Test mode by entering the security code + the **OFF** key.

## ***Fire Alarm System***

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Your fire alarm system (if installed) is on 24 hours a day, providing continuous protection. In the event of an emergency, the smoke and heat detectors automatically send signals to your Control, triggering a loud interrupting sound from the keypad and the optional exterior sounders. FIRE appears at your keypad and remains on until you silence the alarm.

### **In Case Of Fire Alarm**

1. Should you become aware of a fire emergency before your detectors sense the problem, go to your nearest keypad and manually initiate an alarm by pressing the panic key assigned as FIRE emergency (if programmed by the installer) and hold down for at least 2 seconds.
2. Evacuate all occupants from the premises.
3. If flames and/or smoke are present, leave the premises and notify your local Fire Department immediately.
4. If no flames or smoke are apparent, investigate the cause of the alarm. The descriptor of the zone(s) in alarm appears at the keypad.

### **Silencing A Fire Alarm**

1. Silence the alarm by entering your code and pressing the **OFF** key. To clear the display, enter your code and press the **OFF** key again
2. If the keypad does not indicate a **READY** condition after the second **OFF** sequence, press the **READY** key to display the zone(s) that are faulted. Be sure to check that smoke detectors are not responding to smoke or heat producing objects in their vicinity. Should this be the case, eliminate the source of heat or smoke.
3. If this does not remedy the problem, there may still be smoke in the detector. Clear it by fanning the detector for about 30 seconds.
4. You can clear the display by entering your code + the **OFF** key.



## ***Trouble Conditions***

---

### **Typical Trouble Displays**

The word **CHECK** on the Keypad's display, accompanied by a rapid "beeping" at the Keypad, indicates that there is a trouble condition in the system.

**To silence the beeping sound** for trouble conditions, press any key.

- A display of "**CHECK**" accompanied by a display of "**CALL SERVICE**" indicates that a problem exists with the system that eliminates some of the protection. **CALL FOR SERVICE IMMEDIATELY.**
- A display of "**CHECK**" accompanied by a display of one or more zone descriptors indicates that a problem exists with those zone(s). First, determine if the zone(s) displayed are intact and make them so if they are not. If the problem has been corrected, the display of the zone descriptor(s) and "**CHECK**" should disappear. If not, key an OFF sequence (Code plus OFF) to clear the display. If the display persists, **CALL FOR SERVICE IMMEDIATELY.**
- A display of "**COMM. FAILURE**" at the Keypad indicates that a failure has occurred in the telephone communication portion of your system. **CALL FOR SERVICE IMMEDIATELY.**
- A display of "**SYSTEM LO BAT**", accompanied by a once per minute "beeping" at the Keypad indicates that a low system battery condition exists. **CALL FOR SERVICE IMMEDIATELY.**
- A display of "**LO BAT**" and a zone descriptor, accompanied by a once per minute "beeping" at the Keypad indicates that a low battery condition exists in the wireless transmitter displayed. **CALL FOR SERVICE IMMEDIATELY.**
- A display of "**MODEM COMM**" indicates that the control is on-line with the central station's remote computer. The control will not operate while on-line.

## ***Trouble Conditions (cont'd)***

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### **Power Failure**

If the **POWER** indicator is off, operating power for the system has stopped and is inoperative. CALL FOR SERVICE IMMEDIATELY. If the **POWER** indicator is on, but the message "**AC LOSS**" is displayed, the Keypad is operating on battery power only. If only some lights are out on the premises, check circuit breakers and fuses and reset or replace as necessary. CALL FOR SERVICE IMMEDIATELY if AC power cannot be restored.

#### **SERVICING INFORMATION**

Your local dealer is the person best qualified to service your alarm system. Arranging some kind of regular service program with him is advisable.

Your local dealer is:

Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Phone: \_\_\_\_\_

## ***Recommendations For Proper Protection***

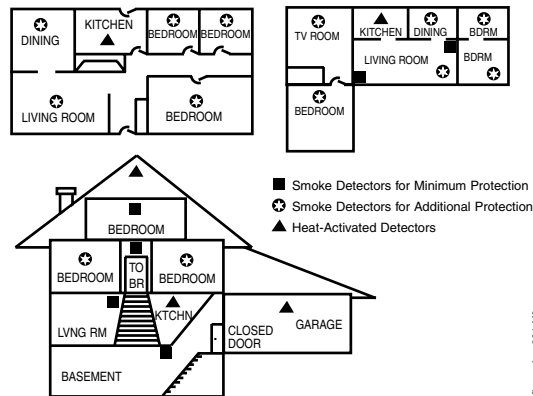
The following recommendations for the location of fire and burglary detection devices help provide proper coverage for the protected premises.

### **Recommendations For Smoke And Heat Detectors**

With regard to the number and placement of smoke/heat detectors, we subscribe to the recommendations contained in the National Fire Protection Association's (NFPA) Standard #72 noted below.

Early warning fire detection is best achieved by the installation of fire detection equipment in all rooms and areas of the household as follows: For minimum protection a smoke detector should be installed outside of each separate sleeping area, and on each additional floor of a multi-floor family living unit, including basements. The installation of smoke detectors in kitchens, attics (finished or unfinished), or in garages is not normally recommended.

For additional protection the NFPA recommends that you install heat or smoke detectors in the living room, dining room, bedroom(s), kitchen, hallway(s), attic, furnace room, utility and storage rooms, basements and attached garages.



## ***Recommendations For Proper Protection (cont'd)***

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### **In addition, we recommend the following:**

- Install a smoke detector inside every bedroom where a smoker sleeps.
- Install a smoke detector inside bedrooms where electrical appliances (such as portable heaters, air conditioners or humidifiers) are used.
- Install a smoke detector inside every bedroom where someone sleeps with the door partly or completely closed. Smoke could be blocked by the closed door. Also, an alarm in the hallway outside may not wake up the sleeper if the door is closed.
- Install a smoke detector at both ends of a hallway if the hallway is more than 40 feet (12 meters) long.
- Install smoke detectors in any room where an alarm control is located, or in any room where alarm control connections to an AC source or phone lines are made. If detectors are not so located, a fire within the room could prevent the control from reporting a fire or an intrusion.

### **Recommendations For Proper Intrusion Protection**

For proper intrusion coverage, sensors should be located at every possible point of entry to a home or commercial premises. This would include any skylights that may be present, and the upper windows in a multi-level building.

In addition, we recommend that radio backup be used in a security system so that alarm signals can still be sent to the alarm monitoring station in the event that the telephone lines are out of order (alarm signals are normally sent over the phone lines, if connected to an alarm monitoring station).

## ***Emergency Evacuation***

---

Establish and regularly practice a plan of escape in the event of fire. The following steps are recommended by the National Fire Protection Association:

1. Position your detector or your interior and/or exterior sounders so that they can be heard by all occupants.
2. Determine two means of escape from each room. One path of escape should lead to the door that permits normal exit from the building. The other may be a window, should your path be impassable. Station an escape ladder at such windows if there is a long drop to the ground.
3. Sketch a floor plan of the building. Show windows, doors, stairs and rooftops that can be used to escape. Indicate escape routes for each room. Keep these routes free from obstruction and post copies of the escape routes in every room.
4. Assure that all bedroom doors are shut while you are asleep. This will prevent deadly smoke from entering while you escape.
5. Try the door. If the door is hot, check your alternate escape route. If the door is cool, open it cautiously. Be prepared to slam the door if smoke or heat rushes in.
6. Where smoke is present, crawl on the ground; do not walk upright. Smoke rises and may overcome you. Clearer air is near the floor.
7. Escape quickly; don't panic.
8. Establish a common meeting place outdoors, away from your house, where everyone can meet and then take steps to contact the authorities and account for those missing. Choose someone to assure that nobody returns to the house — many die going back.

# Maintaining Your System

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## Taking Care of Your System

The components of your security system are designed to be as free of maintenance as possible. However, there are some things you can do to make sure that your system is in reliable working condition.

1. Test your system weekly.
2. Test the system after any alarm occurs (see *TESTING THE SYSTEM*).

## Replacing Batteries in Wireless Sensors

*Wireless sensors may not have been used in your security system*

Each wireless sensor in your system has a 9-volt or 3-volt battery. The system detects a low battery in any wireless sensor, including smoke detectors, the optional personal emergency transmitter, and the optional portable wireless keypad. (A low battery in a portable wireless keypad is detected as soon as one of its keys is pressed, and the keypad will display **00**.)

Alkaline batteries provide a minimum of 1 year of operation, and in most units and applications, provide 2–4 years of service. Actual battery life will depend on the environment in which the sensor is used, the number of signals that the transmitter in the sensor has had to send, and the specific type of sensor. Factors such as humidity, high or low temperatures or large swings in temperature, may all lead to the reduction of actual battery life in an installation.

**If you have a low battery in a wireless sensor, a low battery message is displayed on the keypad.**

In addition, a battery-operated smoke detector with a low battery also emits a single "chirp" sound once approximately every 20-30 seconds, identifying itself as the smoke detector with the weak battery. If you do not replace a smoke detector's low battery, the smoke detector may sound continuously, as if there were a fire alarm.

**Note:** The low battery message comes on as a warning that battery replacement in indicated sensor(s) is due within 30 days. In the meantime, the sensor(s) causing the low battery indication is still fully operational.

**Important:** Use only batteries recommended by your installer as replacement.

## ***Maintaining Your System (cont'd)***

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### **Silencing Low Battery Warning Tones at the Keypad**

The keypad's warning tones can be silenced by performing an OFF sequence (code plus OFF key), but the Keypad's low battery message display will remain on as a reminder that you have a low battery condition in one or more of your sensors. When you replace the weak battery with a fresh one, the sensor will send a "good battery" signal to the control as soon as the sensor is activated (opening/closing of door, window, etc.), causing the low battery display to turn off. If the sensor is not activated, the display will automatically clear within approximately 1 hour.

### **Routine Care**

- Treat the components of your security system as you would any other electrical equipment. Do not slam sensor-protected doors or windows.
- Keep dust from accumulating on the keypad and all protective sensors, particularly on motion sensors and smoke detectors.
- The keypad and sensors should be cleaned carefully with a dry soft cloth. ***Do not spray water or any other fluid on the units.***

## Quick Guide To System Functions

FUNCTION	PROCEDURE	COMMENTS
Check Zones	Press [*].	To view faulted zones when is system not ready
Display All Descriptors	Press and hold [*] for 5 seconds.	Displays all alpha descriptors programmed by installer.
Arm System	Enter code. Press arming key desired (AWAY, STAY, INSTANT, MAXIMUM).	Arms system in mode selected.
Disarm System	Enter code. Press OFF [1].	Disarms system and silences alarms.
Bypass Zones	Enter code. Press BYPASS [6]. Enter 2-digit zone number(s).	Bypassed zones are unprotected and will not cause an alarm if violated.
Chime Mode	Enter code. Press CHIME [9].	Keypad will sound if doors or windows are violated while system disarmed.
Test Mode	Enter code. Press TEST [5]	Activates alarm sounder and allows sensors to be tested.
View Messages	Press and hold [0] for 5 seconds	Message from central station will appear.
View User Capabilities	Enter user's code. Press [*] + [*].	Displays partitions & authority levels assigned to the user.
GOTO Partition	Enter security code. Press [*]. Enter partition number (1-2).	Allows a user at one keypad to perform functions in another partition, (user must be authorized).
Self-Help	Press and hold any function key for at least 5 seconds.	Will display abbreviated instructions for the key pressed.
Add a User	Enter master/manager code. Press CODE [8]. Enter new user's user number. Enter code for that user. Enter authority for that user in this partition (1-5). Follow prompts, 1=Yes, 0=No.	Master & Manager level users can add users to the system, each with its own code and authority level.
Change a User's Code	Enter master/manager code. Press CODE [8]. Enter user's 2-digit number. Enter new code for that user. Press 0 (No) at prompt.	Master & Manager level users can change their own or other users' codes.
Delete a User	Enter master/manager code. Press CODE [8]. Enter user no. to be deleted. Enter master/manager code. Press 1 (Yes) at prompt.	Master & Manager level users can delete users. A user can only be deleted by a user with higher authority level.
Access Control	Enter security code. Enter 0.	Activate access relay for current partition.
Control Output Device	Enter security code. Press [#] Enter 71 or 72.	Activate output device as programmed.
	Enter security code. Press [#] Enter 70.	Activate output device manually



## Summary Of Audible Notification (Alpha Display Keypads)

SOUND	CAUSE	DISPLAY
LOUD, INTERRUPTED* Keypad & External	FIRE ALARM	<b>FIRE</b> is displayed; descriptor of zone in alarm is displayed.
LOUD, CONTINUOUS* Keypad & External	BURGLARY/AUDIBLE EMERGENCY ALARM	<b>ALARM</b> is displayed; descriptor of zone in alarm is also displayed.
ONE SHORT BEEP (not repeated) Keypad only	a. SYSTEM DISARM b. SYSTEM ARMING ATTEMPT WITH AN OPEN ZONE. c. BYPASS VERIFY	a. <b>DISARMED/READY TO ARM</b> is displayed. b. The number and descriptor of the open protection zone is displayed. c. Numbers and descriptors of the bypassed protection zones are displayed (One beep is heard for each zone displayed). Subsequently, the following is displayed: <b>DISARMED BYPASS Ready to Arm</b>
ONE SHORT BEEP (once every 15 sec.) Keypad only	SYSTEM IS IN TEST MODE	Opened Zone identifications will appear.
ONE BEEP (every 60 sec.) Keypad only	LOW BATTERY AT A TRANSMITTER	<b>LO BAT</b> displayed with description of transmitter.
TWO SHORT BEEPS Keypad only	ARM AWAY OR MAXIMUM	<b>ARMED AWAY</b> or <b>ARMED MAXIMUM</b> is displayed. Red ARMED indicator is lit.
THREE SHORT BEEPS Keypad only	a. ARM STAY OR INSTANT b. ZONE OPENED WHILE SYSTEM IS IN CHIME MODE. c. ENTRY WARNING**	a. <b>ARMED STAY ZONE BYPASSED</b> or <b>ARMED INSTANT ZONE BYPASSED</b> is displayed. Red ARMED indicator is lit. b. <b>CHIME</b> displayed, descriptor of open protection zone will be displayed if the [*] key is pressed. c. <b>DISARM SYSTEM OR ALARM WILL OCCUR</b> is displayed.
RAPID BEEPING Keypad only	a. TROUBLE b. AC POWER LOSS ALERT*** c. MEMORY OF ALARM	a. <b>CHECK</b> displayed. Descriptor of troubled protection zone is displayed. b. <b>AC LOSS</b> displayed (may alternate with other displays that may be present). c. <b>FIRE</b> or <b>ALARM</b> is displayed; descriptor of zone in alarm is displayed.
SLOW BEEPING Keypad only	a. ENTRY DELAY WARNING** b. EXIT DELAY WARNING (if programmed)	a. <b>DISARM SYSTEM OR ALARM WILL OCCUR</b> is displayed. Exceeding the delay time without disarming causes alarm. b. <b>ARMED AWAY</b> or <b>ARMED MAXIMUM</b> is displayed along with <b>You May Exit Now</b>

\* If bell is used as external sounder, fire alarm is pulsed ring; burglary/audible emergency is steady ring.

\*\* Entry warning may consist of three short beeps or slow continuous beeping, as programmed by your installer.

\*\*\* Loss of system battery power is not indicated or annunciated by the keypad (warnings are for loss of AC power only).

**UL NOTICE: This is a “GRADE A” system.**

**“FEDERAL COMMUNICATIONS COMMISSION (FCC) Part 15 STATEMENT”**

This equipment has been tested to FCC requirements and has been found acceptable for use. The FCC requires the following statement for your information:

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer’s instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- If using an indoor antenna, have a quality outdoor antenna installed.
- Reorient the receiving antenna until interference is reduced or eliminated.
- Move the receiver away from the control/communicator.
- Move the antenna leads away from any wire runs to the control/communicator.
- Plug the control/communicator into a different outlet so that it and the receiver are on different branch circuits.

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

The user or installer may find the following booklet prepared by the Federal Communications Commission helpful: “Interference Handbook”

This booklet is available from the U.S. Government Printing Office, Washington, DC 20402.

The user shall not make any changes or modifications to the equipment unless authorized by the Installation Instructions or User’s Manual. Unauthorized changes or modifications could void the user’s authority to operate the equipment.

**IN THE EVENT OF TELEPHONE OPERATIONAL PROBLEMS**

In the event of telephone operational problems, disconnect the control by removing the plug from the RJ31X (CA38A in Canada) telephone wall jack. We recommend that your certified installer demonstrate disconnecting the phones on installation of the system. Do not disconnect the phone connection inside the control/communicator. Doing so will result in the loss of your phone lines. If the regular phone works correctly after the control/communicator has been disconnected from the phone lines, the control/communicator has a problem and should be returned for repair. If upon disconnection of the control/communicator, there is still a problem on the line, notify the telephone company that they have a problem and request prompt repair service. The user may not under any circumstances (in or out of warranty) attempt any service or repairs to the system. It must be returned to the factory or an authorized service agency for all repairs.

**“FEDERAL COMMUNICATIONS COMMISSION (FCC) Part 68 NOTICE**

This equipment complies with Part 68 of the FCC rules. On the front cover of this equipment is a label that contains, among other information, the FCC registration number and ringer equivalence number (REN) for this equipment. If requested, this information must be provided to the telephone company.

This equipment uses the following jacks:

An RJ31X is used to connect this equipment to the telephone network.

The REN is used to determine the quantity of devices which may be connected to the telephone line. Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of the RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to the line, as determined by the total RENs, contact the telephone company to determine the maximum REN for the calling area.

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

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

If trouble is experienced with this equipment, please contact the manufacturer for repair and warranty information. If the trouble is causing harm to the telephone network, the telephone company may request you remove the equipment from the network until the problem is resolved.

There are no user serviceable components in this product, and all necessary repairs must be made by the manufacturer. Other repair methods may invalidate the FCC registration on this product.

This equipment cannot be used on telephone company-provided coin service. Connection to Party Line Service is subject to state tariffs.

This equipment is hearing-aid compatible.

When programming or making test calls to an emergency number, briefly explain to the dispatcher the reason for the call. Perform such activities in the off-peak hours; such as early morning or late evening.

**CANADIAN DEPARTMENT OF COMMUNICATIONS  
(DOC) STATEMENT**

**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 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 certified connector assembly (telephone extension cord). The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

**Caution:** User 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 the devices does not exceed 100.

**AVIS**

L'étiquette du ministère des Communications du Canada identifie le matériel homologué. Cette étiquette certifie que le matériel est conforme à certaines normes de protection, d'exploitation et de sécurité des réseaux de télécommunications. Le ministère n'assure toutefois pas que le matériel fonctionnera à la satisfaction de l'utilisateur.

Avant d'installer ce matériel, l'utilisateur doit s'assurer qu'il est permis de le raccorder aux installations de l'entreprise locale de télécommunications. Le matériel doit également être installé en suivant une méthode acceptée de raccordement. Dans certains cas, les fils intérieurs de l'entreprise utilisés pour un service individuel à la ligne unique peuvent être prolongés au moyen d'un dispositif homologué de raccordement (cordon prolongateur téléphonique interne). L'abonné ne doit pas oublier qu'il est possible que la conformité aux conditions énoncées ci-dessus n'empêche pas la dégradation du service dans certaines situations. Actuellement, les entreprises de télécommunications ne permettent pas que l'on raccorde leur matériel aux prises d'abonnés, sauf dans les cas précis prévus par les tarifs particuliers de ces entreprises.

Les réparations du matériel homologué doivent être effectuées pas un centre d'entretien canadien autorisé désigné par le fournisseur. La compagnie de télécommunications peut demander à l'utilisateur de débrancher un appareil à la suite de réparations ou de modifications effectuées par l'utilisateur ou à cause de mauvais fonctionnement.

Pour sa propre protection, l'utilisateur doit s'assurer que tous les fils de mise en terre de la source d'énergie électrique, des lignes téléphoniques de réseau de conduites d'eau s'il y en a, soient raccordés ensemble. Cette précaution est particulièrement importante dans les régions rurales.

**Avertissement:** L'utilisateur ne doit pas tenter de faire ces raccordements lui-même; il doit avoir recours à un service d'inspection des installations électriques, ou à un électricien, selon le cas.

L'**indice de charge (IC)** assigné à chaque dispositif terminal pour éviter toute surcharge indique le pourcentage de la charge totale qui peut être raccordé à un circuit téléphonique bouclé utilisé par ce dispositif. La terminaison du circuit bouclé peut être constituée de n'importe quelle combinaison de dispositifs, pourvu que la somme des indices de charge de l'ensemble des dispositifs ne dépasse pas 100.

**WARNING!**  
**THE LIMITATIONS OF THIS ALARM SYSTEM**

While this system is an advanced design security system, it does not offer guaranteed protection against burglary or fire or other emergency. Any alarm system, whether commercial or residential, is subject to compromise or failure to warn for a variety of reasons. For example:

- Intruders may gain access through unprotected openings or have the technical sophistication to bypass an alarm sensor or disconnect an alarm warning device.
- Intrusion detectors (e.g. passive infrared detectors), smoke detectors, and many other sensing devices will not work without power. Battery operated devices will not work without batteries, with dead batteries, or if the batteries are not put in properly. Devices powered solely by AC will not work if their AC power supply is cut off for any reason, however briefly.
- Signals sent by wireless transmitters may be blocked or reflected by metal before they reach the alarm receiver. Even if the signal path has been recently checked during a weekly test, blockage can occur if a metal object is moved into the path.
- A user may not be able to reach a panic or emergency button quickly enough.
- While smoke detectors have played a key role in reducing residential fire deaths in the United States, they may not activate or provide early warning for a variety of reasons in as many as 35% of all fires, according to data published by the Federal Emergency Management Agency. Some of the reasons smoke detectors used in conjunction with this System may not work are as follows. Smoke detectors may have been improperly installed and positioned. Smoke detectors may not sense fires that start where smoke cannot reach the detectors, such as in chimneys, in walls, or roofs, or on the other side of closed doors. Smoke detectors also may not sense a fire on another level of a residence or building. A second floor detector, for example, may not sense a first floor or basement fire. Moreover, smoke detectors have sensing limitations. No smoke detector can sense every kind of fire every time. In general, detectors may not always warn about fires caused by carelessness and safety hazards like smoking in bed, violent explosions, escaping gas, improper storage of flammable materials, overloaded electrical circuits, children playing with matches, or arson. Depending upon the nature of the fire and/or the locations of the smoke detectors, the detector, even if it operates as anticipated, may not provide sufficient warning to allow all occupants to escape in time to prevent injury or death.
- Passive Infrared Motion Detectors can only detect intrusion within the designed ranges as diagrammed in their installation manual. Passive Infrared Detectors do not provide volumetric area protection. They do create multiple beams of protection, and intrusion can only be detected in unobstructed areas covered by those beams. They cannot detect motion or intrusion that takes place behind walls, ceilings, floors, closed doors, glass partitions, glass doors, or windows. Mechanical tampering, masking, painting or spraying of any material on the mirrors, windows or any part of the optical system can reduce their detection ability. Passive Infrared Detectors sense changes in temperature; however, as the ambient temperature of protected area approaches the temperature range of 90° to 105°F, the detection performance can decrease.
- Alarm warning devices such as sirens, bells or horns may not alert people or wake up sleepers if they are located on the other side of closed or partly open doors. If warning devices sound on a different level of the residence from the bedrooms, then they are less likely to waken or alert people inside the bedrooms. Even persons who are awake may not hear the warning if the alarm is muffled from a stereo, radio, air conditioner or other appliance, or by passing traffic. Finally, alarm warning devices, however loud, may not warn hearing-impaired people or waken deep sleepers.
- Telephone lines needed to transmit alarm signals from a premises to a central monitoring station may be out of service or temporarily out of service. Telephone lines are also subject to compromise by sophisticated intruders.
- Even if the system responds to the emergency as intended, however, occupants may have insufficient time to protect themselves from the emergency situation. In the case of a monitored alarm system, authorities may not respond appropriately.
- This equipment, like other electrical devices, is subject to component failure. Even though this equipment is designed to last as long as 10 years, the electronic components could fail at any time.

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

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

We continue to develop new and improved protection devices. Users of alarm systems owe it to themselves and their loved ones to learn about these developments.

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### **ONE YEAR LIMITED WARRANTY**

Honeywell International Inc., 165 Eileen Way, Syosset, New York 11791, warrants its product(s) to be in conformance with its own plans and specifications and to be free from defects in materials and workmanship under normal use and service for 24 months from the date stamp control on the product(s) or, for product(s) not having a date stamp, for 12 months from date of original purchase unless the installation instructions or catalog sets forth a shorter period, in which case the shorter period shall apply. Seller's obligation shall be limited to repairing or replacing, at its option, free of charge for materials or labor, any product(s) which is proved not in compliance with Seller's specifications or proves defective in materials or workmanship under normal use and service. Seller shall have no obligation under this Limited Warranty or otherwise if the product(s) is altered or improperly repaired or serviced by anyone other than Honeywell factory service. For warranty service, return product(s) transportation prepaid, to Honeywell Factory Service, 165 Eileen Way, Syosset, New York 11791.

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