

VISTA-10SEa
System Security

USER GUIDE

N7229AUV2 12/99

ADEMCO[®]

TABLE OF CONTENTS

SYSTEM OVERVIEW	4
General	4
Burglary Protection.....	4
Zones	4
Alarms	5
Fire Protection.....	5
Chime Feature	5
Phone Access & Voice Response Capability.....	5
ABOUT THE KEYPADS	6
General	6
Keypad Styles	6
Keypad Types	6
FUNCTIONS OF THE KEYPAD	9
SECURITY CODES	11
General	11
To Assign, Change, or Delete User Codes	11
Duress Code	12
To Change Your Master Code	12
Quick Arming.....	12
Phone (Voice) Module.....	12
ENTRY/EXIT DELAYS	13
General	13
Exit Delay Alerting Sound	13
Exit Delay Restart	13
CHECKING FOR OPEN ZONES	14
Using the READY Key	14
BYPASSING PROTECTION ZONES	15
Using the BYPASS Key	15
ARMING PERIMETER ONLY (With Entry Delay On)	16
Using the STAY Key	16
ARMING PERIMETER ONLY (With Entry Delay Off)	18
Using the INSTANT Key	18
ARMING ALL PROTECTION (With Entry Delay On)	20
Using the AWAY Key	20
ARMING ALL PROTECTION (With Entry Delay Off)	21
Using the MAXIMUM Key.....	21
DISARMING THE SYSTEM AND SILENCING ALARMS	22
Using the OFF Key.....	22
CHIME MODE	24
PANIC KEYS	25
OUTPUT RELAY OPTIONS	27
Programmed Actions.....	27

TABLE OF CONTENTS (cont)

TESTING THE SYSTEM	28
Using the TEST Key.....	28
TROUBLE CONDITIONS	29
"CHECK" and "BATTERY" Displays.....	29
Other Trouble Displays.....	30
Total Power Failure	31
FIRE ALARM SYSTEM (IF INSTALLED)	32
General.....	32
Silencing Fire Alarms	32
Manually Initiating a Fire Alarm	33
QUICK GUIDE TO SYSTEM FUNCTIONS	34
SUMMARY OF AUDIBLE/VISUAL NOTIFICATIONS	35
Alpha Display Keypads	35
Fixed-Word Display Keypads.....	36
PROTECTION ZONES LIST	37
TELEPHONE OPERATION PROBLEMS	38
In the Event of Telephone Operational Problems	38
LIMITATIONS STATEMENT	39
WARRANTY	Back Cover
Limited Warranty	Back Cover
Servicing Information.....	Back Cover

SYSTEM OVERVIEW

This manual is a step-by-step guide that will acquaint you with the system's features and benefits. It defines the components and their functions, describes their operation, and provides clear step-by-step instructions for normal and emergency procedures. Keep this manual in a convenient place so that you can refer to it as necessary.

General

Congratulations on your ownership of an ADEMCO Security System. You've made a wise decision in choosing it, for it represents the latest in security protection technology today, including microcomputer technology to monitor the status of all system functions.

Basically, this system offers you three forms of protection: burglary, fire, and emergency. Your system may consist of at least one keypad, which provides full control of system operation; various sensors, such as motion detectors and door and window sensing devices; plus a selected number of strategically placed smoke or combustion detectors designed to provide early warning in case of fire. Your system may also have been programmed to automatically transmit alarm or status messages over the phone lines to a central alarm monitoring station.

All system functions are controlled by your keypad(s), which are described in the next section, *ABOUT THE KEYPADS*.

Burglary Protection

The burglary protection portion of your system must be turned on (armed) before it will sense burglary alarm conditions and sound an alarm. Your system can be armed in one of four modes: STAY, AWAY, INSTANT, and MAXIMUM. Refer to the *ARMING* sections for instructions in using these modes of operation.

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 06, and the sensing devices on windows in the master bedroom assigned to zone 10. These zone numbers will appear on the display when an alarm or trouble condition occurs.

SYSTEM OVERVIEW (cont)

Alarms

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

Fire Protection

The fire protection portion of your security system (if used) is always active and will sound an alarm if a fire condition is detected. When an alarm (or trouble) condition occurs, the keypad displays the number(s) of the zone(s) that caused the problem, and displays the type of alarm or trouble — “FIRE” and “ALARM,” or “CHECK” for trouble. The display remains until it is cleared by entering an OFF sequence (your security code + OFF key) twice.

Chime Feature

Your system can be set to alert you to the opening of a door or window while it is disarmed by using the CHIME mode. In this mode, three tones will sound at the keypad(s) whenever a door or window is opened.

Phone Access and Voice Response Capability (optional)

Your system may include a phone module that will permit you to access the system via a TouchTone phone, either on-premises or by call-in when you are 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.

ABOUT THE KEYPADS

General

Your keypads allow you to control all system functions. The keypads feature telephone-style digital keys and a Liquid Crystal Display (LCD), which shows the nature and location of all occurrences.

The keypads feature a built-in sounder that emits alarm sounds during alarm and trouble conditions, and produces warning tones during entry and exit delay periods (if so programmed). The sounder also provides acknowledgment tones when keys are pressed, and confirmation tones for successful command entries.

Keypad Styles

There are various styles of keypads, any of which may have been used in your system (see page 8). Although different in appearance, all styles are functionally the same, except for their display windows (see “Keypad Types” below). The keys on some keypads are located behind a flip-down cover, which can be removed, if desired.

Keypad Types

There are two basic types of keypads, alpha and fixed-word, either of which may have been used in your system.

Alpha Keypads

These feature a 2-line, 32-character alphanumeric Liquid Crystal Display (LCD) that can display the nature and location of all occurrences in simple English.

Fixed-Word Keypads

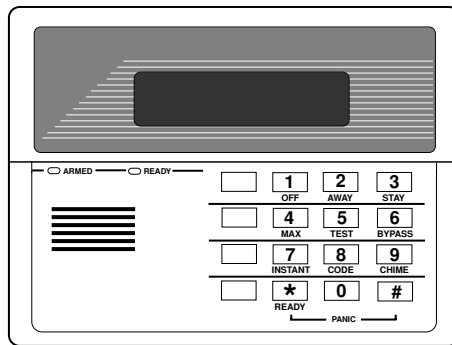
These are functionally similar to the alpha keypads, except that their LCD uses pre-designated (fixed) words to identify the nature and location of occurrences. Words displayed on all fixed-word keypads are the same, except that their location in the display window varies with different models (see page 7).

ABOUT THE KEYPADS (cont)

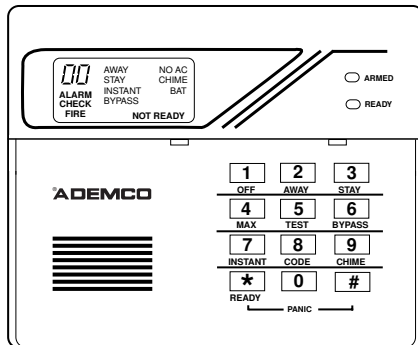
Unless stated otherwise, all commands and procedures described herein apply equally to all keypads. Typical displays that appear on both alpha and fixed-word keypads are depicted throughout this manual.

<p>AWAY All burglary zones, interior and perimeter, are armed.</p> <p>STAY Perimeter burglary zones, such as windows and doors, are armed.</p> <p>INSTANT Perimeter burglary zones are armed and Entry Delay is turned off.</p> <p>BYPASS One or more burglary protection zones have been bypassed.</p> <p>NOT READY The burglary portion of the system is not ready for arming (due to one or more open protection zones).</p> <p>READY The burglary portion of the system is ready to be armed.</p> <p>NO AC AC power has been cut off. System is operating on backup battery power.</p> <p>AC AC power is present.</p> <p>CHIME The "Chime" feature is ON.</p> <p>BAT Low system battery (if no zone number is shown), or low-battery condition in a wireless sensor (if zone number is <i>also</i> shown).</p> <p>ALARM An intrusion has been detected and the system is armed (also appears during a fire alarm). Accompanied by the ID number of the zone in alarm.</p> <p>CHECK A malfunction has been discovered in the system at any time; or a fault has been detected in a FIRE zone at any time or in a DAY (Trouble)/NIGHT (Alarm) burglary zone during a disarmed period. Accompanied by a display of the zone number in trouble.</p> <p>FIRE A fire alarm is present. Accompanied by a display of the zone number in alarm.</p>	<p>FIXED-WORD KEYPAD DISPLAYS</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> </div> <p style="text-align: center;">Style A</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> </div> <p style="text-align: center;">Style B</p>
---	--

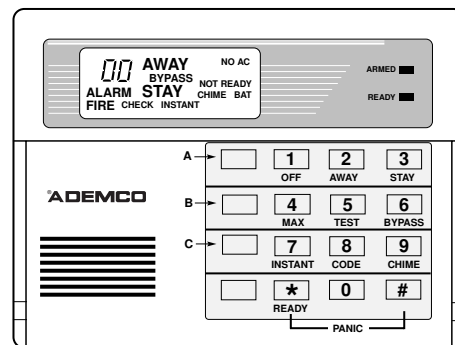
ABOUT THE KEYPADS (cont)



6139 ALPHA KEYPAD



6128



6137

FIXED-WORD KEYPADS

FUNCTIONS OF THE KEYPADS

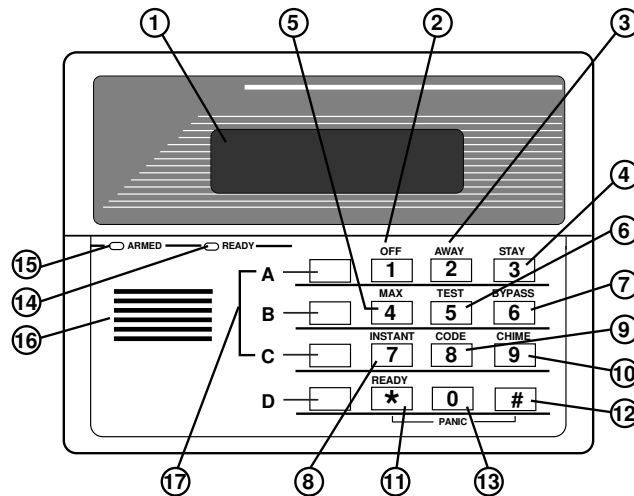
- DISPLAY WINDOW:**

Alpha Keypad: A 2-line, 32-character Liquid Crystal Display (LCD). Displays protection zone identification, system status, and messages (see page 10).

Fixed Word Keypad: Displays protection zone ID and system status messages using predesignated words (see page 7).
- OFF KEY:** Disarms the burglary portion of the system, silences alarms and audible trouble indicators, and clears visual displays after the problem's correction.
- AWAY KEY:** Arms the entire burglary system, perimeter and interior, with Entry Delay on.
- STAY KEY:** Arms the perimeter portion of burglary system only, with Entry Delay on. Interior protection zones are not armed, which allows movement within the premises without causing an alarm.
- MAXIMUM KEY:** Arms in a manner similar to the AWAY mode, but without the Entry Delay feature, thus providing maximum protection. An alarm will occur immediately upon opening of any protection point, including the main door.
- TEST KEY:** Tests the system and alarm sounder (system must be disarmed). Refer to *TESTING THE SYSTEM* for test procedures.
- BYPASS KEY:** Removes individual protection zones from being monitored by the system.
- INSTANT KEY:** Arms in a manner similar to the STAY mode, but without the Entry Delay feature. Entering via the entry/exit door will cause an instant alarm.
- CODE KEY:** Used to assign additional security codes for other users of the system.
- CHIME KEY:** Turns CHIME mode on and off. When on, the opening of windows or doors while the system is disarmed will sound 3 tones at the keypad(s).
- * READY KEY:** Displays all open protection zones.
- # QUICK ARM KEY:** Permits ARMING of the system without the use of a security code (if so programmed).
- 0-9 KEYS[†]:** Used to enter your security code(s).
- READY INDICATOR: (GREEN)** Lit when the system is ready to be armed (no faults present). While the system is disarmed, this indicator will go on and off as protection zones are closed and opened.
- ARMED INDICATOR: (RED)** Lit when the system has been armed (STAY, AWAY, INSTANT or MAXIMUM).
- INTERNAL SOUNDER:** The built-in keypad sounder mimics the alarm sounder during alarms, and will also sound a tone during certain system functions.
- EMERGENCY (PANIC) KEYS:** On certain keypads, individual keys [A], [B], and [C] are present and may be used for emergency functions, if so programmed. On some keypads, individual panic keys are not present and certain key pairs may be available for emergency functions. In addition, key [D] or key pair [*] and [#] may have been programmed to request service from the central monitoring station. See the *PANIC KEYS* section for complete details.

[†]**Note:** Keys [1] through [9] each perform their associated companion functions (OFF, AWAY, STAY, etc.) when preceded by an entry of the security code (as described later).

FUNCTIONS OF THE KEYPAD (cont)



**TYPICAL ALPHA KEYPAD
SHOWN WITH FLIP-DOWN KEY COVER REMOVED**

Fixed-word keypads are functionally similar, except for screen displays (see page 7).

IMPORTANT! When entering codes and commands, sequential key depressions must be made within 2 seconds of one another. If 2 seconds elapse without a key depression, the entry is aborted and must be repeated from its beginning.

SECURITY CODES

General

At the time of installation, your installer programmed a personal 4-digit Master code, known only to you. This code is used to perform most system functions, including arming and disarming of the system. As an additional safety feature, up to 4 temporary **User codes** can be assigned for use by those not having a need to know the Master code. *Note that the Master code remains in effect even when other User codes are assigned.*

IMPORTANT! When performing any of the procedures that follow, do not allow more than 2 seconds to elapse between steps, otherwise the entry will be aborted, and the procedure must be repeated from its beginning.

To Assign, Change, or Delete User Codes

The Master security code can be used to assign up to 4 secondary User codes. The Master code can also be used to change any User code or to remove (delete) any secondary User code from the system. It is recommended that obvious codes such as 1-1-1-1 or 1-2-3-4 not be assigned.

To Assign or Change a User Code:

1. Enter your Master code and press the **CODE [8]** key.
2. Enter the **single-digit User Number** for whom a code is to be assigned or changed. Codes for User Nos. 3 to 6 may be assigned.
3. Enter the **desired 4-digit code** for use by that User number. The keypad will beep once when a User code has been successfully entered.

To Delete a User Code:

Perform steps 1 and 2 above and then stop. In a few moments, the keypad will beep once, indicating that the existing code has been deleted.

Temporary users should not be shown how to use any system function that they do not need to know (e.g., how to bypass protection zones).
--

SECURITY CODES (cont)

Duress Code

This feature is intended for use when 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 entered in the same manner as other codes, and is defined as User No. 8.

IMPORTANT: This code is useful only when connected to a central station.

To Change Your Master Code

Enter the original Master code + [8] + [2] + new Master code + new Master code again.

The keypad will beep 3 times, indicating acceptance of the new Master code.

Quick Arming

Ask your installer if "Quick Arming" is active for your system; if so, check here:

If your system supports Quick Arming, the [#] key can be pressed in place of the security code when arming the system. The security code is *always* required, however, when disarming the system.

Phone (Voice) Module

Ask your installer if your system includes a phone module; if so, check here:

If your system includes a phone module, your installer will have programmed a 2-digit phone access code for your system. Be sure to obtain this phone code from your installer.

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

ENTRY / EXIT DELAYS

General Information

Your system has preset time delays, known as Exit Delay and Entry Delay. When you arm your system, **Exit Delay** gives you time to leave through the entry/exit door without setting off an alarm. **Entry Delay** gives you time to disarm the system when you re-enter through the entry/exit door. The system must be disarmed, however, before the entry delay period ends, or an alarm will occur. The keypad will beep slowly 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 can provide greater security while you are sleeping or while you are away for extended periods of time. **Remember**, there will be **NO** entry delay when arming INSTANT or MAXIMUM.

See your installer for your programmed delay times and record them here:

Exit Delay: seconds

Entry Delay: seconds

Exit Delay Alerting Sound

Ask your installer if this feature is active for your system, and if so, check here:

When arming the system **AWAY** (see page 20) or **MAXIMUM** (see page 21), slow warning tones will sound from the keypad(s) during the exit delay, turning to fast tones during the final five seconds of the exit delay time.

Exit Delay Restart

Check here if active:

Your system may have been programmed to allow you to restart the exit delay after the system has been armed in STAY mode. This is useful if you wish to open the entry/exit door to let someone in after arming the system, and avoids having to disarm the system and then rearm it again. If programmed, you can restart the exit delay by pressing the [*] key. Ask your installer if this feature is active for your system. If so, check box above.

CHECKING FOR OPEN ZONES

Using the [*] READY Key

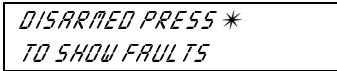


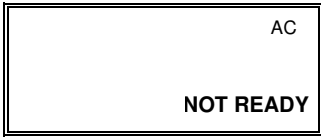
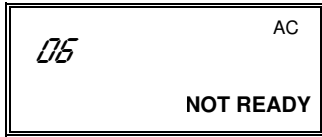

Before arming your system, all protected doors, windows, and other protection zones not on the exit route must be closed or bypassed (see *BYPASSING PROTECTION ZONES* section). If zones are open, the keypad will display a "NOT READY" message, and if your keypad has a READY indicator light, it will not be lit. The **READY** [*] key can be used to display all faulted zones, making it easier for you to secure any open zone.

To display faulted zones, simply press and release the **READY** [*] key (do not enter code first).

Secure or bypass the zones displayed before arming the system.

When all protection zones have been either closed or bypassed, "READY" message will be displayed and the keypad's READY indicator light (if present) will be lit. The system can be armed if the zones that are NOT READY are on the exit route.

To display open zones, press the [*] key.

TYPICAL DISPLAYS WHEN READY NOT TO ARM	TYPICAL DISPLAYS INDICATING OPEN PROTECTION ZONE (After Pressing Ready Key)	TYPICAL DISPLAYS INDICATING "READY TO ARM"
 <p>DISARMED PRESS * TO SHOW FAULTS</p>	 <p>FAULT 06 FRONT BEDROOM</p>	 <p>*** DISARMED *** READY TO ARM</p>
ALPHA	ALPHA	ALPHA
 <p>AC NOT READY</p>	 <p>AC 06 NOT READY</p>	 <p>AC READY</p>
FIXED-WORD	FIXED-WORD	FIXED-WORD

BYPASSING PROTECTION ZONES

Using the **BYPASS** 6 Key

LIMITATION: The system will not allow fire zones to be bypassed.

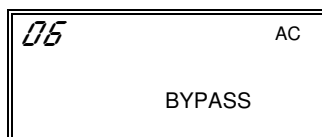
Use this key when you want to arm your system with one or more zones intentionally unprotected. The system must be disarmed first.

1. Enter your security code and press the **BYPASS** key.
2. Enter the zone number(s) for the zone(s) to be bypassed (e.g., 06, 10, 13, etc.). *Single-digit zone numbers must be preceded by a zero (e.g., 05, 06).*
3. When finished, the keypad will momentarily display a "BYPASS" message for each bypassed zone number. Wait for these zones to be displayed, to confirm their bypass.
4. Arm the system as usual.

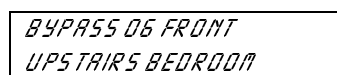
Bypassed zones are unprotected and will not cause an alarm if violated while your system is armed.

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

TYPICAL MOMENTARY DISPLAYS OF BYPASSED ZONES



FIXED-WORD



ALPHA

ARMING PERIMETER ONLY

With Entry Delay ON

Using the **3** STAY Key

BEFORE ARMING, make sure all non-main doors and windows are closed. Refer to *CHECKING FOR OPEN ZONES* on page 18.

Use this key when you are staying inside, but you expect someone to use an entry/exit door later.

1. Enter your **security code** and press the **STAY** key.
2. The keypad will beep three times and display the armed STAY message. The red ARMED indicator will light. Note that there is an *exit* delay in effect before arming actually takes place. See the note below.
3. After arming, an alarm will sound immediately if a protected perimeter window or non-entry/exit door is opened, but you may otherwise move freely throughout the premises.

Anyone can enter later through an entry/exit door without causing an alarm, but they must disarm the system within the *entry* delay period to avoid sounding an alarm.

If you wish to open the entry/exit door to let someone in after arming STAY, you can re-start the *exit* delay at any time – **simply press the [*] key**, and then let that person in. This will avoid having to disarm the system and then re-arm it again.

Note: When you first arm the system in the STAY mode, “YOU MAY EXIT NOW” will be displayed on an alpha keypad during the programmed exit delay. *This delay is in effect in the system even when arming STAY.* When the exit delay period ends, “YOU MAY EXIT NOW” disappears and the system is then fully armed in the STAY mode.

THE STAY MODE ARMS THE PERIMETER, BUT ALLOWS USE OF THE ENTRY/EXIT DOOR. PERSONS WITHIN THE PREMISES CAN MOVE ABOUT FREELY.
--

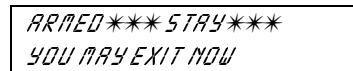
ARMING PERIMETER ONLY (cont)

With Entry Delay ON

TYPICAL DISPLAYS - "ARMED STAY"



FIXED WORD



ALPHA

The message "YOU MAY EXIT NOW" disappears when the exit delay expires.

NOTE: Failure to close an open exit route zone before the exit delay time ends may result in that zone being automatically bypassed at that time.

ARMING PERIMETER ONLY

With Entry Delay OFF

Using the **7** INSTANT Key

BEFORE ARMING, make sure all non-main doors and windows are closed. Refer to *CHECKING FOR OPEN ZONES* on page 14.

Use this key when you are staying inside and you do not expect anyone to use an entry/exit door.

1. Enter your security code and press the **INSTANT** key.
2. The keypad will beep three times and display the armed message. The red ARMED indicator will light. Note that there is an *exit* delay in effect before arming actually takes place. See the note below.
3. After arming, an alarm will sound immediately if **any** protected perimeter door or window is opened, but you may otherwise move freely throughout the premises.

An alarm will sound immediately if anyone opens an entry/exit door.

If you wish to open the entry/exit door to let someone in after arming INSTANT, you can restart the *exit* delay at any time – **simply press the [*] key**, and then let that person in. This will avoid having to disarm the system and then re-arm it again.

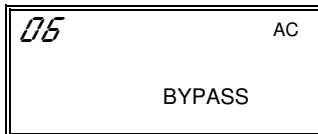
Note: When you first arm the system in the INSTANT mode, “YOU MAY EXIT NOW” will be displayed on an alpha keypad during the programmed exit delay. *This delay is in effect in the system even when arming INSTANT.* When the exit delay period ends, “YOU MAY EXIT NOW” disappears and the system is then fully armed in the INSTANT mode.

THE INSTANT MODE ARMS THE PERIMETER (INCLUDING THE ENTRY/ EXIT DOOR), WITH NO ENTRY DELAY. PERSONS WITHIN THE PREMISES CAN MOVE ABOUT FREELY.
--

ARMING PERIMETER ONLY (cont)

With Entry Delay OFF

TYPICAL DISPLAYS - "ARMED INSTANT"



FIXED-WORD



ALPHA

The message "YOU MAY EXIT NOW" disappears when the exit delay expires.

NOTE: Failure to close an open exit route zone before the exit delay time ends may result in that zone being automatically bypassed at that time.

ARMING ALL PROTECTION

With Entry Delay ON

Using the **2** AWAY Key

BEFORE ARMING, make sure all non-main doors and windows are closed. Refer to *CHECKING FOR OPEN ZONES* on page 14.

Use this key when no one will be staying inside.

1. Enter your **security code** and press the **AWAY** key.
2. The keypad will beep twice and display the armed message. The red ARMED indicator will light.
3. You may leave through an entry/exit door during the exit delay period without causing an alarm.

After the exit delay expires, the system arms and will sound an alarm immediately if a protected window or non-entry/exit door is opened, or if any movement is detected inside your premises.

You may re-enter through an entry/exit door, but must disarm the system within the entry delay period to avoid an alarm.

THE **AWAY** KEY ARMS THE ENTIRE SYSTEM (INTERIOR AND PERIMETER), BUT ALLOWS USE OF THE ENTRY/EXIT DOOR.

TYPICAL DISPLAYS - "ARMED AWAY"



FIXED WORD



ALPHA

The message "YOU MAY EXIT NOW" changes to "ALL SECURE" when the exit delay expires.

NOTE: Failure to close an open exit route zone before the exit delay time ends may result in that zone being automatically bypassed at that time.

ARMING ALL PROTECTION

With Entry Delay OFF

Using the **4** MAXIMUM Key

BEFORE ARMING, make sure all non-main doors and windows are closed. Refer to *CHECKING FOR OPEN ZONES* on page 14.

Use this key when the premises will be vacant for extended periods of time, such as during vacations, or when you are retiring for the night and no one will be moving through protected interior areas.

1. Enter your security code and press the **MAXIMUM (MAX)** key.
2. The keypad will beep twice and display the armed "MAXIMUM" message. The red ARMED indicator will light.
3. You may leave through an entry/exit door during the exit delay period without causing an alarm.

After the exit delay expires, the system arms. It will sound an alarm immediately if any protected door or window is opened, or if any movement is detected inside your premises.

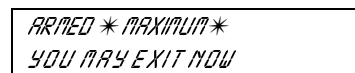
An alarm will sound immediately when someone re-enters.

THE MAXIMUM KEY ARMS THE ENTIRE SYSTEM (INCLUDING THE ENTRY/EXIT ZONE WITH NO ENTRY DELAY).

TYPICAL DISPLAYS - "ARMED MAXIMUM"



FIXED WORD



ALPHA

The message "YOU MAY EXIT NOW" changes to "ALL SECURE" when the exit delay expires.

NOTE: Failure to close an open exit route zone before the exit delay time ends may result in that zone being automatically bypassed at that time.

DISARMING THE SYSTEM AND SILENCING ALARMS

Using the **1** OFF Key

The **OFF** key is used to disarm the system and to silence alarm and trouble sounds.

To Disarm the System:

Enter your **security code** and press the **OFF** key.

The "READY" message will be displayed, and the keypad will emit a single tone to confirm that the system is disarmed.

To Silence a Burglary Alarm:

IMPORTANT: If you return and the main burglary sounder is on, DO NOT ENTER, but CONTACT 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 your entering, indicating that an alarm has occurred during your absence.

Enter your **security code** and press the **OFF** key to silence the alarm (or warning tones of a Memory of Alarm).

Note the zone in alarm on the keypad display, and make that zone intact (close door, window, etc.). Now enter the security code plus OFF sequence again to clear the keypad's Memory of Alarm display. If the display will not clear and does not provide a "READY" message, notify the alarm agency.

To Silence a Fire Alarm:

Simply press the **OFF** key (the security code is not needed to silence FIRE alarms).

To then clear the keypad's Memory of Alarm display, enter your security code and press the **OFF** key again. See page 32 for additional fire alarm information.

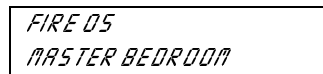
DISARMING THE SYSTEM AND SILENCING ALARMS (cont)

A FIRE alarm is an interrupted/pulsed sound. A BURGLARY alarm is a continuous/steady sound.

TYPICAL FIRE ALARM DISPLAY

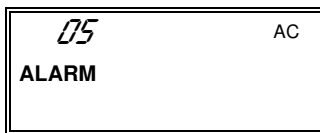


FIXED-WORD

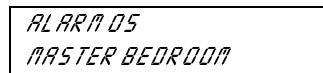


ALPHA

TYPICAL FIRE ALARM DISPLAY



FIXED-WORD



ALPHA

CHIME MODE

Using the **9** CHIME Key

This feature can be used only while the burglary system is disarmed.

By using CHIME mode, your system can be set to alert you to the opening of a door or window while it is disarmed. When Chime mode is activated, three tones will sound at the keypad whenever a door or window is opened. Pressing the **READY** key will display the open protection points.

To turn Chime mode on, enter the security code and press the **CHIME** key. The “CHIME” message will appear.

To turn Chime mode off, enter the security code and press the **CHIME** key again. The “CHIME” message will disappear.

PANIC KEYS

For Manually Activating Silent and/or Audible Alarms

Using the Panic Keys

Your system may have been programmed to use special keys or pairs of keys to manually activate emergency (panic) functions. The functions that might be programmed are:

Silent Emergency, Audible Emergency, Personal Emergency, and Fire.

A silent emergency sends a silent alarm signal to the central station*, but there is no audible alarm or visual display.

An audible emergency sends a signal to the central station* and sounds a loud, steady alarm at your keypad(s) and at any external sounders that are connected (“ALARM” plus a zone number are also displayed).

A personal emergency alarm sends an emergency message to the central station* and sounds at keypad(s), but not at external bells or sirens.

A fire alarm sends a fire alarm message to the central station* and uniquely sounds at keypad(s) and external bells and sirens (“FIRE” plus a zone number are also displayed).

See next page for panic functions that have been assigned to keys. Also see the Duress Code feature on Page 11.

To Initiate a Panic Function at Any Time of Day or Night:

- Press an active lettered key ([A], [B], or [C]) for at least two seconds.
- *Or, if lettered keys are not present on the keypad:*
- Press both keys of an active pair at the same time.

*If connected to a central station.

PANIC KEYS

For Manually Activating Silent and/or Audible Alarms

SEE YOUR INSTALLER AND NOTE HERE THE KEY(S) AND FUNCTION(S) PROGRAMMED FOR YOUR SYSTEM.	CHECK IF ACTIVE	PANIC KEY(S)	PLACE A CHECK NEXT TO PROGRAMMED FUNCTION	ZONE NO.
	<input type="checkbox"/>	[A]	___SILENT, ___AUDIBLE, ___PERSONNAL, ___FIRE___*	95**
	<input type="checkbox"/>	[B]	___SILENT, ___AUDIBLE, ___PERSONNAL, ___FIRE___*	99**
	<input type="checkbox"/>	[C]	___SILENT, ___AUDIBLE, ___PERSONNAL, ___FIRE___*	96
	<input checked="" type="checkbox"/>	[D]	REQUEST FOR SERVICE (KEY [D] WILL ALWAYS PROVIDE THIS FUNCTION)	
	OR			
	<input type="checkbox"/>	[1] & [*]	___SILENT, ___AUDIBLE, ___PERSONNAL, ___FIRE___*	95
	<input type="checkbox"/>	[*] & [#]	___SILENT, ___AUDIBLE, ___PERSONNAL, ___FIRE___*	99
<input type="checkbox"/>	[3] & [#]	___SILENT, ___AUDIBLE, ___PERSONNAL, ___FIRE___*	96	

NOTE: KEYS [A], [B], [C], AND [D] ARE NOT PRESENT ON ALL KEYPADS.

† IF THE [D] KEY IS NOT PRESENT ON A KEYPAD, THE [*] & [#] KEYS MAY HAVE BEEN PROGRAMMED TO SEND A "REQUEST FOR SERVICE" MESSAGE TO THE CENTRAL MONITORING STATION (see page 25 for additional information).

OUTPUT RELAY OPTIONS

Programmed Actions

This is in reponse to zone activity or manual entries.

Ask your installer to provide information on any special system actions that have been programmed during installation.

ACTION	STARTED BY	STOPPED BY
1		
2		
3		
4		

TESTING THE SYSTEM

Using the **5** TEST Key

The system must be tested weekly. No alarm reports will be sent to the central monitoring station while the system is in the TEST mode.

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

1. Disarm the system and close all protected windows, doors, etc. The keypad's "READY" message should be displayed and the READY indicator (if present) should be lit.
2. Enter your security code and press the **TEST** key.
3. As the TEST mode is entered, the external siren or bell will sound for one second and then turn off. Each time a protection zone is faulted, the keypad will sound 3 beeps. The keypad will sound a single beep every 40 seconds as a reminder that the system is in the TEST mode.

If these sounds do not occur, call for service immediately!

4. Open and close each protected door and window in turn and listen for the required sounds. The identification of each faulted protection point should appear on the display.
5. Walk in front of any interior motion detectors (if used) and listen for the required sound as movement is detected. The identification of the detector should appear on the display when it is activated.

Note: Wireless PIR (passive infrared) units will send signals out only if they have been inactive for 3 minutes.

6. Follow the manufacturer's instructions to test all smoke detectors, to ensure that all are functioning properly. The identification of each detector should appear on the display when each is activated.
7. After all protection points have been checked and restored, there should be no zone identification numbers displayed. **If you experience a problem with any protection point (no confirming sounds, no display), CALL FOR SERVICE IMMEDIATELY.**
8. Turn off the TEST mode by entering the security code and pressing the **OFF** key.

TROUBLE CONDITIONS

"CHECK" and "BATTERY" Displays

The word "CHECK" on the keypad's display, accompanied by a beeping at the keypad, indicates a trouble condition in the system.

To silence the beeping for these conditions, press any key.

1. **A display of "CHECK" and one or more zone numbers** indicates that a problem exists with the displayed zone(s) and requires your attention. **If the "CHECK" display relates to a fire zone, CALL FOR SERVICE IMMEDIATELY.**

Determine if the zone(s) displayed are intact and make them so if they are not. If the problem has been corrected, the display can be cleared if you enter the OFF sequence (security code plus **OFF** key) twice. **If the display persists, CALL FOR SERVICE.**

2. **If there are wireless sensors* in your system**, the "Check" condition may also be caused by some change in the environment that prevents the receiver from hearing a particular sensor. **CALL FOR SERVICE if this occurs.**

TYPICAL "CHECK" DISPLAYS



FIXED-WORD



ALPHA

IF YOU CANNOT CORRECT A "CHECK" DISPLAY, OR IF IT IS FOR A FIRE ZONE, CALL FOR SERVICE IMMEDIATELY.

* Not all systems use wireless sensors.

TROUBLE CONDITIONS (cont)

Other Trouble Displays

Words or letters in parentheses () are those that are displayed on fixed-word keypads.

1. **COMM. FAILURE**
(or **FC**) Indicates that a failure has occurred in the telephone communication portion of your system. **CALL FOR SERVICE IMMEDIATELY.**

2. **SYSTEM LO BAT** (or **BAT** with no zone no.) Indicates that a low system battery condition exists, and is accompanied by a once-per-minute beeping* at the keypad. If this condition persists for more than one day (with AC present), **CALL FOR SERVICE.**

3. **LO BAT + zone descriptor** (or **BAT** with zone no.) Indicates that a low-battery condition exists in the wireless transmitter** number displayed, and is accompanied by a once-per-minute beeping* at the keypad. Either replace the battery yourself, or **CALL FOR SERVICE.** If the battery is not replaced within 30 days, "CHECK" display may occur.

Some wireless sensors contain a nonreplaceable long-life battery that requires replacement of the entire unit at the end of battery life (e.g., 5802 Pendant and 5802CP Belt Clip Personal Emergency Transmitters).

4. **MODEM COMM**
(or **CC**) Indicates that the control is on-line with the central station's remote computer. The control will not operate while on-line. Wait a few minutes. The display should disappear.

5. **AC LOSS**
(or **NO AC**) The system is operating on battery power only, due to a mains failure. If only some lights are out on the premises, check circuit breakers and fuses, and reset or replace as necessary. **CALL FOR SERVICE** if mains power cannot be restored to the system.

6. **BUSY STANDBY**
(or **dl**) If this remains displayed for more than 1 minute, system is disabled. **CALL FOR SERVICE IMMEDIATELY.**

7. **OPEN CIRCUIT**
(or **OC**) The keypad is not receiving signals from the control.

* Any beeping that accompanies a trouble display can be stopped by entering an OFF sequence (code + OFF).

** Not all systems use wireless transmitters.

TROUBLE CONDITIONS (cont)

8. **BELL FAILURE**
(or **CHECK 70**) Indicates that the wiring connection to the external sounder is at fault (open or shorted). Accompanied by “beeping” at the keypad. **CALL FOR SERVICE IMMEDIATELY.**
9. **RECVR JAM**
(ou **CHECK 90**) The system has detected a condition that may impede proper RF reception if wireless sensors are being used (i.e., RF jamming or other RF interference). **CALL FOR SERVICE IMMEDIATELY.**

Total Power Failure

If there is no keypad display at all (screen is blank) and all indicators are off, all operating power for the system (from mains and backup battery) has stopped and the system is inoperative. CALL FOR SERVICE IMMEDIATELY.

FOR SERVICE INFORMATION, SEE BACK COVER.

FIRE ALARM SYSTEM

If Installed

General

Your fire alarm system (if installed) is on 24 hours a day, for continuous protection. In the event of an emergency, the strategically located smoke and heat detectors will automatically send signals to your system, triggering a loud, interrupted pulsed sound* from the keypad(s). Optional exterior sounders will also produce this sound. A “FIRE” message will appear at your keypad and remain on until you silence the alarm (see instructions below for silencing fire alarms).

TYPICAL FIRE ALARM DISPLAY



FIXED-WORD



ALPHA

Silencing Fire Alarms

1. You can silence the alarm at any time by pressing the **OFF** key (the security code is not needed to silence fire alarms). To clear the display, enter your code and press the **OFF** key again (to clear Memory of Alarm).
 2. If the keypad's fire indication does not clear after the second OFF sequence, smoke detectors may still be responding to smoke or heat-producing objects in their vicinity. Investigate, and 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. When the problem has been corrected, clear the display by entering your code and pressing the **OFF** key.
- * Temporal pulse sounding is produced and repeated for fire alarms, as follows::
3 pulses–pause–3 pulses–pause–3 pulses–pause...., repeat.

FIRE ALARM SYSTEM (cont)

If Installed

Manually Initiating a 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 appropriate panic key(s), assigned for fire emergency (if programmed by the installer).
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 zone number(s) of the zone(s) in an alarm condition will be displayed at the keypad.

Ask your installer which lettered key, or key pair, has been assigned for manually initiating a fire alarm, and place a check mark in the box next to the assigned key or key pair.

CHECK LETTERED KEY
ASSIGNED FOR FIRE

CHECK KEY PAIR ASSIGNED FOR FIRE

<input type="checkbox"/>	A	OR	<input type="checkbox"/>	PRESS	1	and	*	AT SAME TIME
<input type="checkbox"/>	B	OR	<input type="checkbox"/>	PRESS	*	and	#	AT SAME TIME
<input type="checkbox"/>	C	OR	<input type="checkbox"/>	PRESS	3	and	#	AT SAME TIME

Press and hold the lettered key assigned for fire emergency for 2 seconds. If the keypad does not have individual lettered keys, **press the key pair assigned for fire emergency.**

QUICK GUIDE TO SYSTEM FUNCTIONS

FUNCTION	PROCEDURE	COMMENTS
Check Zones	Press READY key.	To view faulted zones when system not ready.
Arm System	Enter code. Press arming key desired: AWAY, STAY, INSTANT, MAXIMUM.	Arms system in mode selected.
Quick Arm (if programmed)	Press [#]. Press arming key desired: AWAY, STAY, INSTANT, MAXIMUM.	Arms system in mode selected, quickly and without use of code.
Bypass Zone(s)	Enter code. Press BYPASS key. Enter zone number(s) to be bypassed (use 2-digit entries).	Bypassed zones are unprotected and will not cause an alarm if violated.
Silence Sounders a. Burglary: b. Fire: c. "Check":	a. Enter code. Press OFF key. b. Press OFF key. c. Press any key.	a. Also disarms system. Memory of Alarm remains until cleared. b. Memory of Alarm remains until cleared. c. Determine cause. See Page 29.
Disarm System	Enter code. Press OFF key.	Also silences sounders. Memory of Alarm remains until cleared.
Clear Alarm Memory	After disarming, enter code again. Press OFF key again.	Keypad will beep rapidly upon entry if alarm has occurred. Alarm display will remain upon disarming until cleared.
Duress (if active)	Arm or disarm "normally," using User Code No. 8.	Performs desired action and sends silent alarm to central station.
Panic Alarms (as programmed)	Press key [A], [B], or [C] for at least 2 sec., or (if no A, B, or C on your keypad) press keys [1] & [*], or [*] & [#], or [3] & [#], both at same time.	See page 25 for panic functions programmed for your system.
Chime Mode	<i>To turn ON or OFF:</i> Enter code. Press CHIME key.	Keypad will sound if doors or windows are violated while system is disarmed and CHIME mode is ON.
Test Mode	<i>To turn ON:</i> Enter code. Press TEST key. <i>To turn OFF:</i> Enter code. Press OFF key.	Tests alarm sounder and allows sensors to be tested.
Phone Access (Phone Module) if applicable	Consult <i>Phone Access User's Guide</i> that accompanies phone module.	Permits system access remotely, via TouchTone phone (see pages 5, 12).

SUMMARY OF AUDIBLE/VISUAL NOTIFICATIONS

Alpha Display Keypads

SOUND	CAUSE	DISPLAY
LOUD, INTERRUPTED* Keypad & Ext. Sounder	Fire Alarm	FIRE is displayed; descriptor of zone in alarm is displayed.
LOUD, CONTINUOUS* Keypad & Ext. Sounder	Burglary / Audible Emergency Alarm	ALARM is displayed; descriptor of zone in alarm is also displayed. Also see page 22.
ONE SHORT BEEP (not repeated) Keypad only	a. System Disarm b. System Arm Attempt with an Open Zone c. Bypass Verify	a. DISARMED/READY TO ARM is displayed. Green READY indicator (if present) is lit. b. The number and descriptor of the open protection zone are displayed. Green READY indicator (if present) is not lit. c. Numbers and descriptors of the bypassed protection zones are displayed. (One beep is heard for each zone displayed.) Subsequently, the following is displayed: DISARMED BYPASS Ready to Arm
ONE BEEP every 40 sec. Keypad only	a. Low Battery at a Transmitter b. System Main Battery Weak c. Trouble	a. LO BAT displayed with description of transmitter. b. LO BAT displayed with no transmitter description. c. CHECK displayed. Descriptor of troubled protection zone is displayed.
TWO SHORT BEEPS Keypad only	Arm Away or Maximum	ARMED AWAY or ARMED MAXIMUM is displayed. Red ARMED indicator is lit.
THREE SHORT BEEPS Keypad only	a. Arm Stay or Instant b. Zone Opened While System in Chime Mode c. Zone Opened While System in Test Mode	a. ARMED STAY or ARMED INSTANT is displayed. Red ARMED indicator is lit. b. CHIME displayed. Pressing [*] and READY key will display descriptor of opened zone. c. Open protection zone descriptor is displayed.
RAPID BEEPING Keypad only	Memory of Alarm	FIRE or ALARM is displayed; descriptor of zone in alarm is displayed.
SLOW BEEPING Keypad only	a. Entry Delay Warning b. Exit Delay Alert (if programmed)	a. DISARM SYSTEM OR ALARM WILL OCCUR is displayed. Exceeding the delay time without disarming causes alarm. b. ARMED AWAY or ARMED MAXIMUM is displayed. Slow beeps change to fast beeps during last 5 seconds of exit delay.

* If bell is used as external sounder, fire alarm is pulsed ring (see page 32); burglary/audible emergency is a steady ring.

Note: Also see "Other Trouble Displays" and "Total Power Failure" under *TROUBLE CONDITIONS* on pages 30 and 31.

SUMMARY OF AUDIBLE/VISUAL NOTIFICATIONS

Fixed-Word Display Keypads

SOUND	CAUSE	DISPLAY
LOUD, INTERRUPTED* Keypad & Ext. Sounder	Fire Alarm	FIRE and ALARM are displayed; protection zone in alarm is displayed.
LOUD, CONTINUOUS* Keypad & Ext. Sounder	Burglary / Audible Emergency Alarm	ALARM is displayed; protection zone in alarm is also displayed. Also see page 32.
ONE SHORT BEEP (not repeated) Keypad only	System is in Test Mode	Opened zone identifications will appear.
ONE BEEP (every 40 seconds) Keypad only	a. Low battery at transmitter b. System Main Battery Weak c. Trouble	a. BAT displayed with ID number of transmitter. b. BAT displayed with no transmitter ID. c. CHECK displayed. Troubled protection zone is displayed.
TWO SHORT BEEPS Keypad only	Arm Away or Maximum	AWAY and (if MAXIMUM) INSTANT are displayed.
THREE SHORT BEEPS Keypad only	a. Arm Away or Stay b. Zone opened while system in Chime Mode c. Zone opened while system in Test Mode	a. STAY and (if INSTANT) INSTANT are displayed. Red ARMED indicator is lit. b. CHIME displayed. Pressing READY [*] key will display opened zone. c. Open protection zone number is displayed.
RAPID BEEPING Keypad only	Memory of Alarm	FIRE and/or ALARM is displayed; zone in alarm is displayed.
SLOW BEEPING Keypad only	a. Entry Delay Warning b. Exit Delay Alert (if programmed)	a. No display during delay. Exceeding the delay time without disarming causes alarm. b. AWAY or (if MAXIMUM) AWAY INSTANT is displayed. Slow beeps change to fast beeps during last 5 seconds of exit delay.

* If bell is used as external sounder, fire alarm is pulsed ring (see page 32); burglary/audible emergency is steady ring.

Note: Also see "Other Trouble Displays" and "Total Power Failure" under *TROUBLE CONDITIONS* on pages 30 and 31.

PROTECTION ZONE LIST

One or more sensing devices will have been assigned by the installer of your alarm system to each of the various protection zones in your system (*although not every zone number can be 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 assigned to zone 02, and so on.

Zone numbers 07, 95, and 96 represent keypad "Panic" alarm functions assigned by the installer (see page 25). Zone numbers 08 and 09 are reserved for Duress and Tamper signal reporting to the central station.

This chart may be used to record the specific zone number assignments for your system. Your installer will assist you in recording this information.

PROTECTION ZONE DESCRIPTIONS

Zone	Description	Zone	Description	Zone	Description
01		15		29	
02		16		30	
03		17		31	
04		18		32	
05		19		33	
06		20		34	
07	Key B (or: * & #†) Panic	21		35	
08	Duress	22		36	
09	Expansion Module Failure	23		37	
10		24		38	
11		25		39	
12		26			
13		27		95	Key A (or 1 & *) Panic
14		28		96	Key C (or 3 & #) Panic

Telephone Operation Problems

In the Event of Telephone Operational Problems

In the event of telephone operational problems, disconnect the control by removing the plug from the 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 it has 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.

Limitations

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, they may not activate or provide early warning for a variety of reasons in as many as 35% of all fires. 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 detect intrusion only 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 32° to 40°C, 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 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.

Wireless transmitters (used with some systems) are designed to provide long battery life under normal operating conditions. Longevity of batteries may be as long as 4 to 7 years, depending on the environment, usage, and the specific wireless device being used. External factors such as humidity, high or low temperatures, and large swings in temperature may all reduce the actual battery life in a given installation. This wireless system, however, can identify a true low-battery situation, allowing time to arrange a change of battery to maintain protection for that point within the system.

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.

ADEMCO ONE-YEAR LIMITED WARRANTY

Alarm Device Manufacturing Company, a Division of Pittway Corporation, and its divisions, subsidiaries, and affiliates ("Seller"), 165 Eileen Way, Syosset, New York 11791, warrants its security equipment (the "product") to be free from defects in materials and workmanship for one year from date of original purchase, under normal use and service. Seller's obligation is limited to repairing or replacing, at its option, free of charge for parts, labor, or transportation, any product proven to be defective in materials or workmanship under normal use and service. Seller shall have no obligation under this warranty or otherwise if the product is altered or improperly repaired or serviced by anyone other than the Seller. In case of defect, contact the security professional who installed and maintains your security equipment or the Seller for product repair.

This one-year Limited Warranty is in lieu of all other express warranties, obligations, or liabilities. THERE ARE NO EXPRESS WARRANTIES THAT EXTEND BEYOND THE FACE HEREOF. ANY IMPLIED WARRANTIES, OBLIGATIONS, OR LIABILITIES MADE BY SELLER IN CONNECTION WITH THIS PRODUCT, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, ARE LIMITED IN DURATION TO A PERIOD OF ONE YEAR FROM THE DATE OF ORIGINAL PURCHASE. ANY ACTION FOR BREACH OF ANY WARRANTY, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, MUST BE BROUGHT WITHIN 12 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL SELLER BE LIABLE TO ANYONE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, OR UPON ANY OTHER BASIS OF LIABILITY WHATSOEVER, EVEN IF THE LOSS OR DAMAGE IS CAUSED BY THE SELLER'S OWN NEGLIGENCE OR FAULT. Some states do not allow limitation on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Seller does not represent that the product may not be compromised or circumvented; that the product will prevent any personal injury or property loss by burglary, robbery, fire, or otherwise; or that the product will in all cases provide adequate warning or protection. Buyer understands that a properly installed and maintained alarm may only reduce the risk of a burglary, robbery, fire, or other events occurring without providing an alarm, but it is not insurance or a guarantee that such will not occur or that there will be no personal injury or property loss as a result. CONSEQUENTLY, SELLER SHALL HAVE NO LIABILITY FOR ANY PERSONAL INJURY, PROPERTY DAMAGE, OR OTHER LOSS BASED ON A CLAIM THE PRODUCT FAILED TO GIVE WARNING. HOWEVER, IF SELLER IS HELD LIABLE, WHETHER DIRECTLY OR INDIRECTLY, FOR ANY LOSS OR DAMAGE ARISING UNDER THIS LIMITED WARRANTY OR OTHERWISE, REGARDLESS OF CAUSE OR ORIGIN, SELLER'S MAXIMUM LIABILITY SHALL NOT IN ANY CASE EXCEED THE PURCHASE PRICE OF THE PRODUCT, WHICH SHALL BE THE COMPLETE AND EXCLUSIVE REMEDY AGAINST SELLER. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. No increase or alteration, written or verbal, to this warranty is authorized.

SERVICING INFORMATION

Your local authorized service representative is the person best qualified to service your alarm system. Arranging a regular program with that person is advisable. Your local service representative is:

NAME: _____ PHONE: _____

ADDRESS: _____

® ADEMCO

ALARM DEVICE MANUFACTURING CO.

A DIVISION OF PITTPWAY CORP.

Pittway Australia Pty, Ltd.

**Unit 5, Riverside Centre, 24-28 River Road West
Paramatta, NSW 2150, Australia**



N7229AUV2 12/99