VISTA
SERIES

4120EC
SECURITY SYSTEM
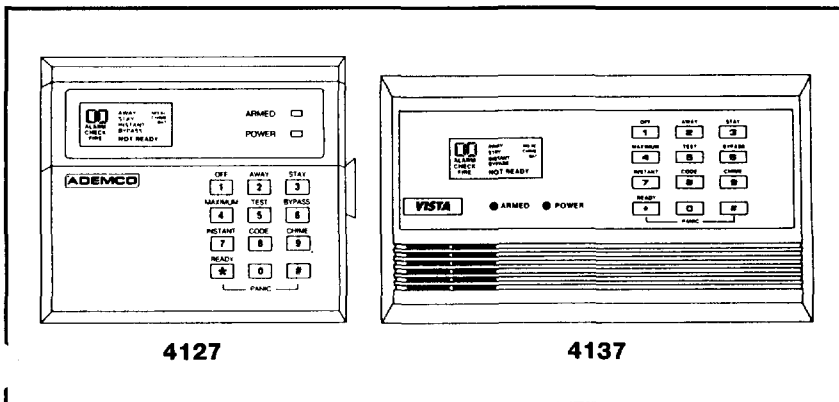# USER'S MANUAL

®ADEMCO

TABLE OF CONTENTS

> **UL NOTICE:**
> THIS IS A "GRADE A" SYSTEM

INTRODUCTION

Congratulations on your ownership of a VISTA Security System. You've made a wise decision in choosing it, for it represents the latest in security protection technology today.

Basically, this system offers you three forms of protection: burglary, fire and emergency. To realize the system's full potential, it is important that you feel comfortable in operating it. Your system consists of at least one Console which provides full control of system operation, various sensors which provide perimeter and interior burglary protection, plus a selected number of strategically placed smoke or combustion detectors designed to provide early warning in case of fire.

The system uses microcomputer technology to monitor all protection zones and system status and provides appropriate information for display on the Console(s) used with the system, and initiates appropriate alarms. When programmed to do so, the system can also transmit appropriate alarm or status messages over the phone lines to a central alarm monitoring station.

4127   **4137**

THE DISPLAY CONSOLES feature a multifunction, 12-key digital keypad, and uses a fixed-word English language/zone numeric LCD display which displays the nature and location of all occurrences. The consoles also have a built-in sounder. There are two fixed word consoles available. The 4137 features backlit keys, while the 4127 features a compact design (its keys are not backlit).

FIRE & BURGLARY PROTECTION

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 may have been used). For example, the sensing device on your Entry/Exit door may have been assigned to zone 01, sensing devices on windows in the master bedroom to zone 02, and so on. These numbers will appear on the display when the respective zone is faulted.

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.

The burglary protection portion of your system must be armed before it will sense burglary alarm condition When an alarm occurs, both the console and external sounders will sound, and a message in the Display Window will identify the zone(s) causing the alarm. In addition, if your system is connected to a central monitoring station, an alarm report will be sent. Disarming the system will stop alarm sounding. 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.

ENTRY/EXIT DELAYS

Your system was programmed by the installer with a preset entry delay time, during which the system must be disarmed upon entering or an alarm will occur. This feature allows you to reenter through the entry delay door without setting off the alarm. A slow beeping will sound at the console to remind you to disarm the system. The entry delay feature can also be turned off for greater security when sleeping or while away for extended periods of time (INSTANT & MAXIMUM modes).

A preset exit delay was also programmed to allow you time to leave the premises without setting off the alarm after arming the system. See your installer for your delay times.

Exit Delay: [   ] seconds

Entry Delay: [   ] seconds

Delays may be from 15 to 225 seconds in non-UL installations, but no more than 60 seconds for Ex delay or 45 seconds for Entry delay for a UL Listed Household burglary application.
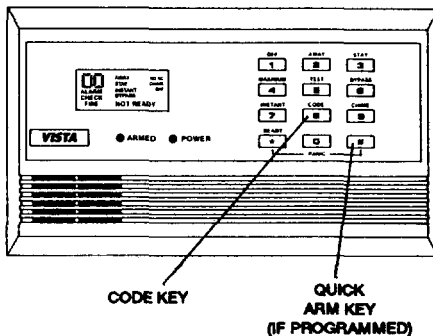
SECURITY CODES

At the time of installation, your installer programs a personal four-digit code, known only to you and yours. This code must be entered when performing most system functions, including arming and disarming of the system. As an additional safety feature, up to 6 temporary codes can be assigned for use by those not having a need to know the master code. Temporary codes are assigned single-digit "User numbers" from 3 to 8. Before assigning a temporary code though, be sure it does not conflict with the DURESS code (see DURESS CODE section). *Note that the master code remains in effect even when a temporary code is assigned.*

NOTE: Users to whom temporary codes have been assigned should not be shown how to bypass protection points unless they have a need to know. It is also recommended that obvious codes such as 1111 or 1234 not be assigned.

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 is always required when disarming the system.

To Assign or delete Temporary Codes:

1. Enter Master code.
2. Press **CODE** [8] key.
3. Enter User Number to be assigned or deleted (3–8).
4. To assign a code, enter temporary code for that User Number.
   To delete a code, enter Master Code for that User Number.
5. The Console will beep once when procedure has been completed successfully.

CODE KEY   QUICK ARM KEY (IF PROGRAMMED)

DURESS CODE
(WHEN FORCED TO DISARM/ARM UNDER THREAT)

Enter the first three digits of the security code. Increase the final digit by one and then press **OFF** (or **AWAY**, etc. if arming the system). The system will disarm (or arm), but can silently notify the central station of your situation, if that service has been provided.
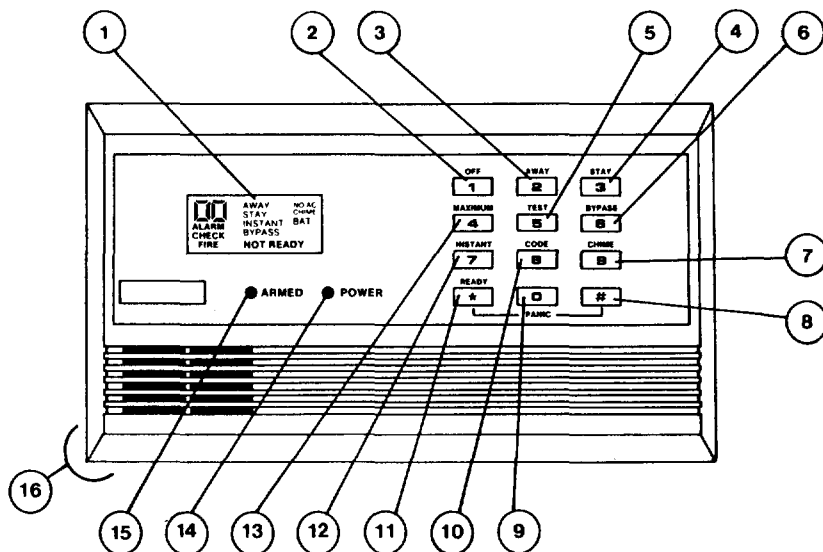
For example, if the Normal security code is "1 2 3 4", the Duress security code is "1 2 3 5".

IMPORTANT
- This code is useful only when connected to a central station.
- Duress code capability is not present for codes ending in 9.
- Users of temporary codes must be instructed to enter their codes carefully to avoid the possibility of accidentally entering the Duress code.

– 5 –

FUNCTIONS OF THE CONSOLE

1. DISPLAY WINDOW: Refer to the FIXED WORD DISPLAY CONSOLE System Status Display table on the next page for a list of messages that might appear along with their meanings.

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

3. AWAY KEY: Completely arms both perimeter and interior burglary protection for backup protection by sensing an intruder's movements through protected interior areas as well as guarding 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.

4. STAY KEY: Arms the perimeter burglary protection, guarding doors, windows and other perimeter protection points, and sounds an alarm if one is opened. Interior protection is not armed, 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.

5. TEST KEY: Tests the alarm sounder if disarmed. Refer to the TESTING THE SYSTEM section for test procedures.

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

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

8. [#] KEY: Permits ARMING of the system without use of a security code ("Quick Arm", if programmed to do so

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

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

11. [∗] READY KEY: When depressed prior to arming the system, the console will display all open protection zones.

12. INSTANT KEY: 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.

13. MAXIMUM KEY: 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.

14. POWER INDICATOR: (GREEN) Lit when primary power is on. If off, system is operating on its backup battery power. CALL YOUR INSTALLER IMMEDIATELY.

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

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

FIXED WORD DISPLAY CONSOLE	
System Status Displays	
AWAY	All burglary zones, interior & perimeter, are armed.
STAY	Perimeter burglary zones, such as windows & doors, are armed.
INSTANT	Perimeter burglary zones armed **and** entry delay is turned off.
BYPASS	One or more burglary protection zones have been bypassed.
NOT READY	Appears when burglary portion of the system is not ready for arming (due to open protection zones).
READY	The burglary portion of the system is ready to be armed.
NO AC	Appears when AC power has been cut off.
AC	Appears when AC power is present.
CHIME	Appears when the CHIME feature is activated.
ALARM	Appears when an intrusion has been detected and the system is armed (also appears during a Fire alarm). Accompanied by the protection zone ID in alarm.
CHECK	Appears when a malfunction is discovered in the system at any time or if a fault is detected in a FIRE zone at any time or in a DAY/NIGHT burglary zone during a disarmed period. Accompanied by a display of zone number in trouble.
FIRE	Appears when a fire alarm is present. Accompanied by a display of the zone in alarm.

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.

DISARMING THE SYSTEM AND SILENCING ALARMS
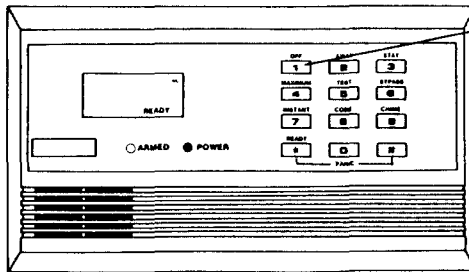## (FOR AWAY, STAY, INSTANT, AND MAXIMUM ARMING)

PROCEDURE
1. Enter security code and press OFF [1]. The READY message will be displayed and the console will beep once to confirm that the system is disarmed, unless an alarm has occurred.

2. If an alarm has occurred, note the zone number displayed and repeat step 1 to restore the READY message display. If the message will not display, go to the displayed protection zone and remedy the fault (close windows, etc.). If the fault cannot be remedied, notify the alarm agency.

RESULT
Any alarm sounders will be silence. ALARM and zone number (if displayed) will clear only when the open sensor is closed.

A fire alarm is indicated by a display of both FIRE and the zone number on the Console. These will clear only when the fire zone is again intact.

See "SUMMARY OF AUDIBLE NOTIFICATION" section for information which will enable you to distinguish between FIRE and BURGLARY alarm sounds.
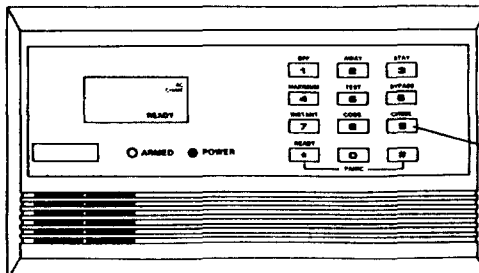

ENTER CODE & PRESS OFF

CHIME MODE
(THIS FEATURE IS FUNCTIONAL ONLY WHEN THE SYSTEM IS DISARMED)

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 Console whenever a door or window is opened, and the Not Ready message will be displayed. Pressing the READY [*] key will display the open zone number. Note that Chime mode can be activated only when the system is Disarmed.

To turn Chime Mode on, enter the security code and press the CHIME [9] key. The CHIME message will appear.

To turn Chime Mode off, enter the security code and press the CHIME [9] key again. The CHIME message will disappear.
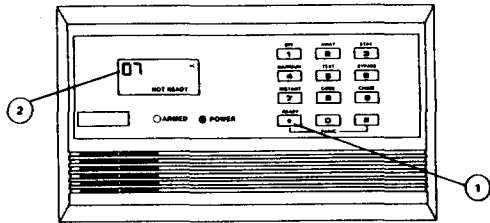

ENTER CODE & PRESS CHIME

CHECKING FOR OPEN ZONES

BEFORE ARMING YOUR SYSTEM, ALL PROTECTED DOORS, WINDOWS AND OTHER PROTECTION ZONES MUST BE CLOSED.

PROCEDURE

1. If the **NOT READY** message is displayed prior to arming, check for open zones by depressing and releasing the **READY [*]** key (do not enter code first).

2. All open protection points will be displayed. These points must be either closed or bypassed before the system can be armed. The **READY** message will be displayed when all protection zones have been either closed or bypassed.

BYPASSING PROTECTION ZONES

(FOR ARMING WITH ONE OR MORE ZONES SELECTIVELY UNPROTECTED)

PROCEDURE

1. System must be disarmed first. Enter security code.

2. Press **BYPASS [6]** and enter zone number(s) of zones to be bypassed (e.g., 01, 02, 03, etc.). **Important!** All single-digit zone numbers must be preceded by a zero (example, enter 01 for zone 1).

3. When finished entering all zone numbers to be bypassed, wait for bypassed zones to be sequentially displayed before arming.

4. The **BYPASS** message will be displayed indicating the presence of one or more bypassed zones.

5. Arm the system as usual. Bypassed zones are unprotected and will not cause an alarm when violated while system is armed.

NOTES:

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

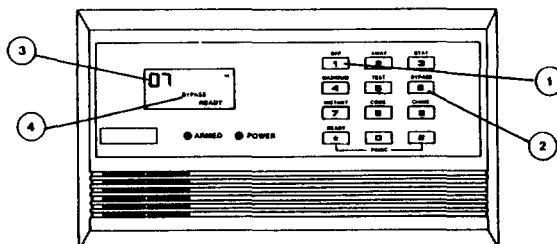2. Temporary users should not be shown how to bypass protection points unless they have a need to know.

DISPLAYING BYPASSED ZONES
(For determining what zones have been previously bypassed)

1. Enter security code and press **BYPASS [6]**.

2. Wait for all bypassed zones to be sequentially displayed.

LIMITATIONS

- Fire or emergency zones cannot be bypassed.
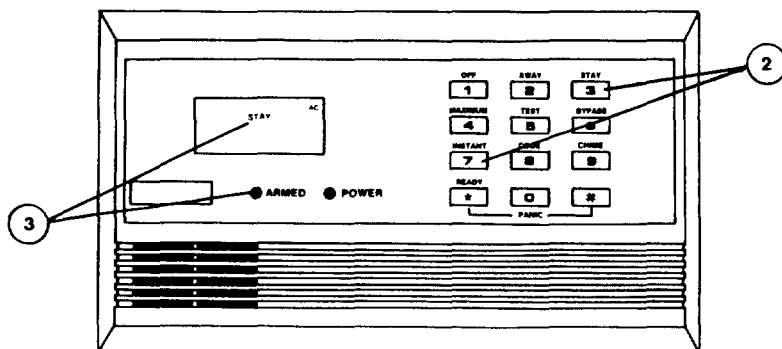- Arming the system before bypassed zones are displayed nullifies all bypasses.

ARMING PERIMETER ONLY
STAY: STAYING HOME, EXPECTING LATE ARRIVALS
INSTANT: STAYING HOME, NO LATE ARRIVALS EXPECTED

PROCEDURE
1. Enter the security code when the **READY** message is displayed.

2. Press the **STAY** [3] or **INSTANT** [7] key, depending on arming mode desired.

3. The armed state message will be displayed, accompanied by three beeps from the Console. Exit delay begins. Perimeter protection is in effect immediately, except entry delay zone if **STAY** key is pressed.

STAY KEY RESULT
Arms sensors guarding doors and windows, with entry delay on. Late arrivals can enter through the entry delay zone door and disarm the system within the entry delay period without causing an alarm. See your installer for actual delay times set for your system. Alarms will occur instantly when any exterior protection point is violated, except the entry delay zone door, which will activate an alarm if the system is not disarmed within the entry delay period. Interior protection points are disarmed to permit freedom of movement throughout the interior.

INSTANT KEY RESULT
Arms sensors guarding doors and windows, with entry delay off. Alarms will occur instantly when any exterior protection point is violated, including the entry delay zone door. Interior protection points are disarmed to permit freedom of movement throughout the interior.
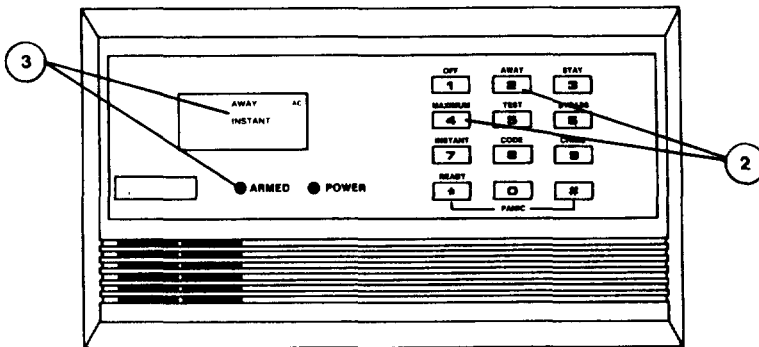
– 10 –

ARMING ALL PROTECTION
AWAY: NO ONE STAYING HOME
MAXIMUM: NO ONE STAYING HOME, MAXIMUM SECURITY

PROCEDURE

1. Enter the security code when the **READY** message is displayed.

2. Press the **A W A Y** [2] or **MAXIMUM** [4] key, depending on arming mode desired.

3. The armed state message will be displayed, accompanied by two beeps from the Console. Exit delay begins [if programmed, a slow beeping will sound throughout the exit delay period]. Complete system protection is in effect immediately, except entry delay zone if **AWAY** key is pressed.

AWAY KEY RESULT

Arms all perimeter and interior sensors, with entry delay on. You may exit during the exit delay period and reenter through the entry delay zone door (and disarm the system within the entry delay period) without causing an alarm. See your installer for actual delay times set for your system. Alarms will occur instantly when any protection point, interior or exterior, is violated, except the entry delay zone door if **AWAY** key pressed, which will activate an alarm if the system is not disarmed within the entry delay period.

MAXIMUM KEY RESULT

Arms all perimeter and interior sensors, with entry delay off. You may exit during the exit delay period, BUT alarms will trigger instantly upon reentering, or when any protection point, interior or exterior, is violated. This mode is suggested when the premises will be vacant for extended periods of time such as vacations, etc., or when retiring for the night and no one will be moving through protected interior areas.

PANIC KEYS
(FOR MANUALLY ACTIVATING SILENT AND/OR AUDIBLE ALARMS)

There are two possible combinations of paired keys that are installer programmable emergency functions. See your installer for the functions that have been programmed for these emergency key pairs. Typical functions that might be programmed are Silent Police, Audible Police, Personal Emergency, and Fire.

To use a Panic function, simply press both keys of the assigned pair at the same time *and hold down for at least two seconds.*

Active Panic Functions:

KEY [∗] + [#]: _____

(displayed as zone 99)
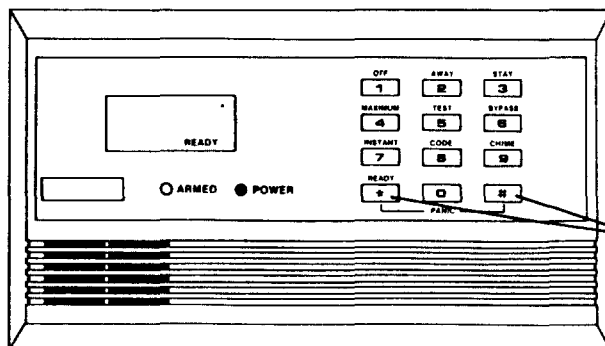
KEY [#] + [3]: _____

(displayed as zone 96)

RESULT

If programmed for silent emergency by your installer, and the system connected to a central alarm monitoring station, the control will send a silent alarm signal to the central station, but there will be no audible alarms or visual displays. If programmed for audible emergency by your installer, a loud, steady alarm will sound at your console and at any external sounders that may be connected.

A personal emergency alarm will notify the central station (if connected) and will sound at consoles, but not at external bells or sirens.

A fire alarm will send a fire alarm message to the central station and will uniquely sound external bells and sirens.

PRESS
BOTH
AT
SAME
TIME

TESTING THE SYSTEM
(TO BE CONDUCTED WEEKLY)

1. Disarm the system.

   Enter security code and press the **TEST** [5] 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. Turn the Test mode off by entering the security code and preesing OFF.

ARMED SYSTEM TEST

Important! A message will be sent to the central alarm monitoring station (if the system is so connected) during the following tests. Notify them that a test will be in progress.

Note: A display of **FC** on your console indicates a failure of the system to communicate with the alarm monitoring station .

1. Arm the system and fault each zone (open and close each protected doors or window). Silence the alarm sounder(s) each time by entering your security code and pressing OFF. Check that Entry/Exit delay zones provide the assigned delay times (see page 4).

2. Check the keypad-initiated panic alarms, as indicated on page 12, by pressing keys [*] & [#], and [#] & [3]. If the system has been programmed for audible emergency, the console will emit a loud, steady alarm sound.
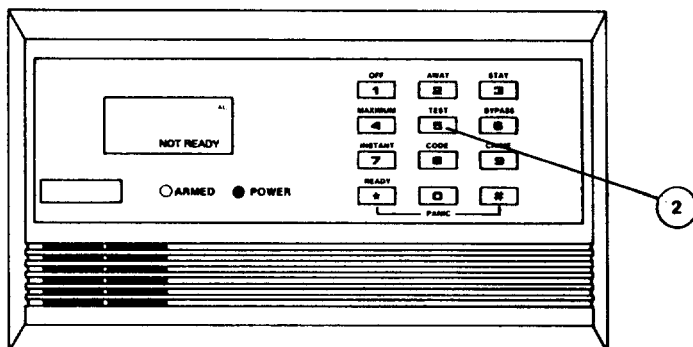
   When [*] and [#] are pressed, **ALARM** * and "**99**" will be displayed.

   When [#] and [3] are pressed, **ALARM** * and "**96**" will be displayed.

   *ALARM and/or FIRE may be displayed on the consoles.

   If a certain set of keys has been programmed for silent panic, there will be no alarms or displays; however, a silent message will be sent to the alarm monitoring station if the system has been so connected.

3. Disarm the system (security code plus OFF).

4. Notify the alarm monitoring station (if connected to one) that all tests are finished and verify results with them.
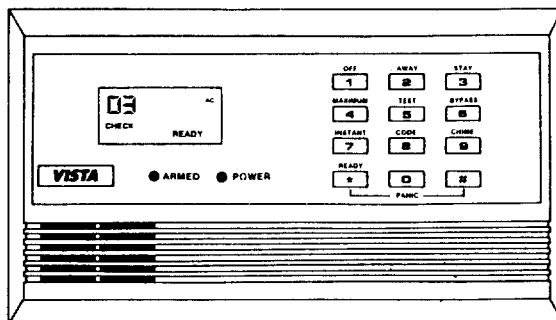
TROUBLE CONDITIONS

The word **CHECK** on the Console's display, accompanied by a rapid "beeping" at the Console, indicates that there is a trouble condition in the system. The audible warning sound for CHECK conditions may be silenced by pressing any key.

TYPICAL "CHECK" DISPLAYS

1. A display of **CHECK** accompanied by a display of one or more zone numbers 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 number(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.

2. A display of **FC** at the Console indicates that a failure has occurred in the telephone communication portion of your system. CALL FOR SERVICE IMMEDIATELY.

3. A display of **OC** indicates an open connection from the console to the control. CALL FOR SERVICE IMMEDIATELY.

4. A display of **CC** indicates the control is in communication with a remote station. Effectively, the control is disabled during this time. Note that all alarms and troubles will be restored and annunciated when the system is returned to normal.

5. 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 **NO AC** is displayed, the Console 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 authorized service representative is the person best qualified to service your alarm system. Arranging some kind of regular program with him is advisable. Your local service representative is:

_____

_____

_____

FIRE ALARM SYSTEM (IF INSTALLED)

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 Control/Communicator, ' ¯ ¬ering a loud, interrupted sound from the Console. An interrupted sound will be produced by optional exterior sounders. A FIRE message will appear at your Console and remain on until you silence the alarm.
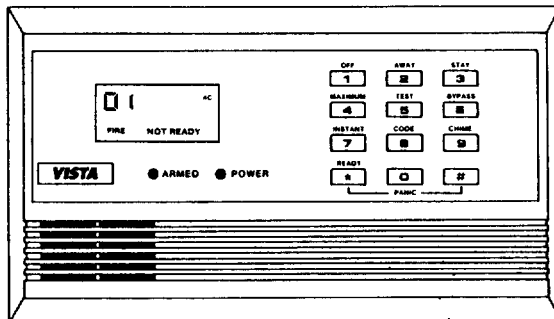
IN CASE OF FIRE ALARM:

1. Should you become aware of a fire emergency before your detectors sense the problem, go to your nearest Console and manually initiate an alarm by pressing the panic key pair 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 zone descriptor of the zone(s) in an alarm condition will be displayed at the Console.

Note: "Approval of the panel's burglar alarm functions does not fall within the (California) State Fire Marshal's area of jurisdiction."

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 Console 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. When the problem has been corrected, clear the display by entering your code and pressing the **OFF** key.
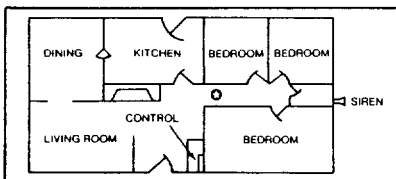
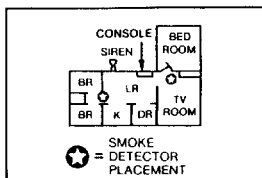# NATIONAL FIRE PROTECTION ASSN. RECOMMENDATIONS ON SMOKE DETECTORS

With regard to the number and placement of smoke/heat detectors, we subscribe to the recommendations contained in the National Fire Protection Association's Standard #74 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: A smoke detector installed outside of each separate sleeping area, in the immediate vicinity of the bedrooms and on each additional story of the family living unit, including basements and excluding crawl spaces and unfinished attics.

In addition, it is recommended that the householder consider the use of 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.
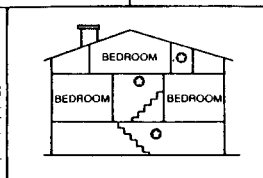

BEST RESIDENTIAL DETECTOR PLACEMENT
BETWEEN BEDROOMS AND REST OF HOUSE.

PLACE DETECTOR NEAR ALL SLEEPING AREAS.

SMOKE ✪ = DETECTOR PLACEMENT

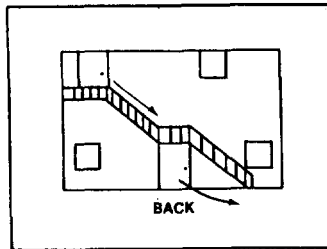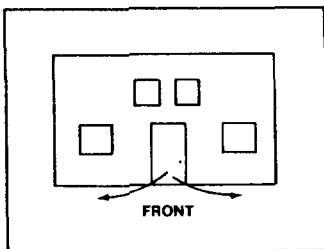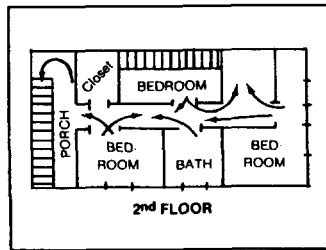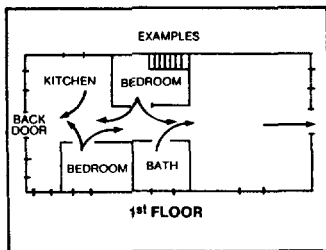MAXIMUM FLOOR COVERAGE — DETECTORS AT TOP OF STAIRWELLS.

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. Plan on your detector or your interior and/or exterior sounders warning 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 unpassable. 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. Crawl in the smoke and hold your breath.

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.

EXAMPLES

KITCHEN   BEDROOM
BACK DOOR
BEDROOM   BATH

1st FLOOR

Closet   BEDROOM
PORCH
BED-ROOM   BATH   BED-ROOM

2nd FLOOR

FRONT

BACK

SUMMARY OF AUDIBLE NOTIFICATION

SOUND	CAUSE	DISPLAY
LOUD, INTERRUPTED* Console & External	FIRE ALARM	FIRE and ALARM is displayed; protection zone in alarm is displayed.
LOUD, CONTINUOUS* Console & External	BURGLARY/AUDIBLE EMERGENCY ALARM	ALARM is displayed; protection zone in alarm is also displayed.
ONE SHORT BEEP (not repeated) Console only	a. SYSTEM DISARM b. SYSTEM ARMING ATTEMPT WITH AN OPEN ZONE. c. BYPASS VERIFY	a. Only READY is displayed. b. NOT READY is displayed, open protection zone number is displayed. c. The bypassed protection zone numbers are displayed. (One beep for each number displayed.) BYPASS displayed.
TWO SHORT BEEPS	ARM AWAY OR MAXIMUM	AWAY and possibly INSTANT are displayed.
THREE SHORT BEEPS Console only	a. ARM STAY OR INSTANT b. ZONE OPENED WHILE SYSTEM IS IN CHIME MODE. c. ENTRY WARNING**	a. STAY and possibly INSTANT are displayed b. CHIME displayed, open protection zone number is displayed . c. No display.
RAPID BEEPING Console only	a. TROUBLE b. AC POWER LOSS ALERT** c. MEMORY OF ALARM	a. CHECK displayed. Troubled protection zone is displayed. b. NO AC displayed (may alternate with other displays that may be present). c. FIRE and/or ALARM is displayed; zone in alarm is displayed.
SLOW BEEPING Console only	a. ENTRY DELAY WARNING	a. None during delay; Exceeding the delay time without disarming causes alarm.

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

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

PROTECTION ZONES 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 may have been used). For example, the sensing device on your ntry/Exit door may have been assigned to zone 01, sensing devices on windows in the master bedroom to zone 02, and so on.

ID numbers 01-08 represent sensor/detector protection points. ID number 96 and/or 99 represent "Panic" alarm codes assigned by the installer.

For your convenience, a chart has been provided which may be used to record the specific protection points that have been assigned to each zone in your system. Your installer will assist you in recording this information.

PROTECTION POINT DESCRIPTIONS

ID	DESCRIPTION
1	
2	
3	
4	
5	
6	
7	
8	
96	
99	

QUICK GUIDE TO ALARM SYSTEM FUNCTIONS

FUNCTION	PROCEDURE	COMMENTS
Check Zones	Press [*]	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.
Disarm System	Enter code Press OFF [1]	Disarms system and silences alarms.
Bypass zones	Enter code, Press BYPASS [6] Enter zone numbers to be bypassed (use 2-digit entries)	Bypassed zones are unprotected and will not cause an alarm if violated.
Chime Mode	Enter code Press CHIME [9]	Console will sound if doors or windows are violated while system disarmed.
Test Mode	Enter code & press TEST [5]	Sounds alarm sounder .

Emergency Phone Numbers

Alarm Monitoring Station: _____

_____

Fire Department: _____

_____

Police: _____

_____

Gas/Electric Company: _____

_____

Neighbor: _____

_____

Doctor: _____

_____

Hospital: _____

_____

Ambulance: _____

_____

Emergency: _____

_____

SERVICING INFORMATION:

Your local authorized service representative is the person best qualifi
to service your alarm system. Arranging some kind of regular program w
him is advisable. Your local service representative is:

_____

_____

_____

OWNER'S INSURANCE PREMIUM CREDIT REQUEST

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

.. GENERAL INFORMATION:

Insured's Name and Address: _____

_____

Insurance Company:_____ Policy No.: _____

ADEMCO's VISTA 4120EC

Type of Alarm: ☐ Burglary   ☐ Fire   ☐ Both

Installed by:_____ Serviced by:_____
         name   name

_____ _____
      address   address

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

Local Sounding Device ☐   Police Dept. ☐   Fire Dept. ☐

Central Station ☐   Name and Address: _____

C. POWERED BY: A.C. With Rechargeable Power Supply

D. TESTING: ☐ Quarterly ☐ Monthly ☐ Weekly ☐ Other_____

E. SMOKE DETECTOR LOCATIONS

☐ Furnace Room   ☐ Kitchen   ☐ Bedrooms   ☐ Attic

☐ Basement   ☐ Living Room   ☐ Dining Room   ☐ Hall

F. BURGLARY DETECTING DEVICE LOCATIONS:

☐ Front Door   ☐ Basement Door   ☐ Rear Door   ☐ All Exterior Doors

☐ 1st Floor Windows   ☐ All windows   ☐ Interior Locations

☐ All Accessible Openings, Including Skylights, Air Conditioners and Vents

G. ADDITIONAL PERTINENT INFORMATION:

_____

_____

Signature: _____ Date: _____

Complete the reverse side of this form, detach from manual and forward to your homeowner's insurance carrier for possible premium credit.

GLOSSARY

The following glossary of terms are used throughout the manual.

RM/DISARM: "Armed" simply means that the burglary portion of your system is turned ON and is in a state of readiness. "Disarmed" means that the burglary system is turned OFF, and must be rearmed to become operational. However, even in a "disarmed" state, "emergency" and "fire" portions of your system are still operational.

KEYPAD: This is the area on your Console containing numbered pushbuttons similar to those on telephones or calculators. These keys control the arming or disarming of the system, and perform other functions which were previously described in this manual.

ZONE: A specific area of protection.

BYPASS: To disarm a specific area of burglary protection while leaving other areas armed.

DELAY ZONE: An area of protection containing doors most frequently used to enter or exit (typically, a front door, back door, or door from the garage into the building). The delay zone allows sufficient time for authorized entry or exit without causing an alarm. Consult your installer for the entry and exit delay times that have been set for your system during installation.

DAY/NIGHT ZONE: An area of protection whose violation causes a trouble indication during the disarmed (DAY) mode and an alarm during the armed (NIGHT) mode.

CANADIAN DEPARTMENT OF COMMUNICATIONS (DOC) STATEMENT

NOTICE

The Canadian Department of Communications label identifies certified equipment. This certifica 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 ministrère 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 télécommunication. Le matériel doit également être installé en suivant une méthod acceptée de raccordement. Dans certains cas, les fils intérieurs de l'entreprise utilisés pour un service individuel a ligne unique peuvent être prolongés au moyen d'un dispositif homologué de raccordement (cordon prolongateur téléphonique interne). L'abonne ne doit pas oublier qu'il est possible que la conformité aux conditions énoncées ci-dessus n'empêchent pas la dégradation service par certaines situations. Actuellement, les enterprises de télécommunication ne permet pas que l'on raccorde leur matériel aux jacks d'abonnés, sauf dans les cas precis prévus par les tarifs particuliers de ces entreprises.

Les réparations de 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 à la terre de la source d'energie électrique, des lignes téléphoniques et des canalisations d'eau métalliques, s'il y en a, sont 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 électrician, 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 raccordeé à un circuit téléphonique boudé 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.

"FEDERAL COMMUNICATIONS COMMISSION (FCC) STATEMENT"

is equipment has been tested to FCC requirements and has been found ....ceptable 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 ....thorized by the Installation Instructions or User's Manual. Unauthorized anges 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) 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.

WARNING!
THE LIMITATIONS OF THIS ALARM SYSTEM

While this system is an advanced design security system, it does not of guaranteed protection against burglary or fire or other emergency. Any ala 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 circu' children playing with matches, or arson. Depending upon the nature of the 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 150°F, the detection performance can decrease.

WARNING!
THE LIMITATIONS OF THIS ALARM SYSTEM
(continued)

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.

ADEMCO ONE YEAR LIMITED WARRANTY