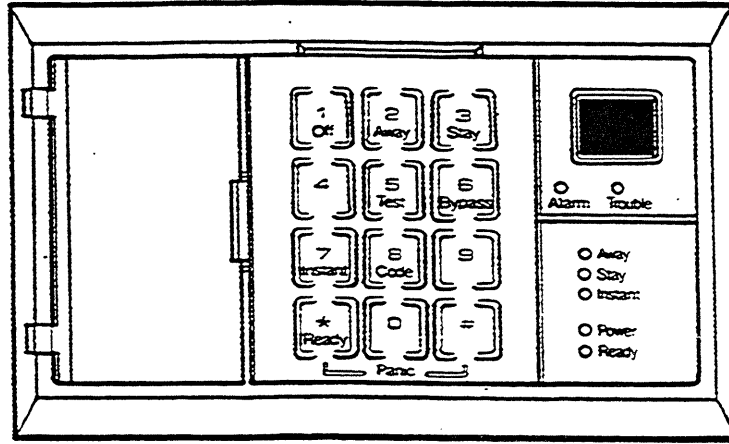


ADEMCO

VECTOR

DIGITAL POINT ANNUNCIATION ALARM CONTROL SYSTEM



USER'S MANUAL

**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 part 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 system 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 WHICH 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 18 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 or fire 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.

TABLE OF CONTENTS

INTRODUCTION	4
GLOSSARY	4
IDENTIFYING THE EQUIPMENT	5
IDENTIFYING THE CONSOLE	6
CHECKING FOR OPEN CONTACTS	8
ARMING THE SYSTEM (WITH NO ONE REMAINING)	9
ARMING THE SYSTEM (WHILE INSIDE EXPECTING A LATER ARRIVAL)	10
ARMING THE SYSTEM (WHILE INSIDE WITH NO EXPECTED LATER ARRIVALS)	11
ARMING THE SYSTEM (WHILE INSIDE, WITH MAXIMUM SECURITY)	12
DISARMING THE SYSTEM AND SILENCING ALARMS	13
BYPASSING PROTECTION POINTS	14
AREA BYPASSING PROTECTION POINTS	15
DISPLAYING BYPASSED PROTECTION POINTS	15
TEMPORARY CODES	16
CHIME ANNUNCIATION	17
AMBUSH	18
PANIC	19
TEST THE SYSTEM	20
SUMMARY OF AUDIBLE NOTIFICATION	21
NATIONAL FIRE PROTECTION ASSN. RECOMMENDATIONS	22
EMERGENCY EVACUATION	23
DRAW YOUR OWN EVACUATION PLAN	24
QUESTIONS AND ANSWERS ABOUT YOUR SECURITY SYSTEM	25
EMERGENCY PHONE NUMBERS	27
OWNER'S INSURANCE PREMIUM CREDIT REQUEST	29

USER'S MANUAL

INTRODUCTION

Congratulations on your ownership of the VECTOR SECURITY SYSTEM. You've made a wise decision in choosing it, for it offers the best security protection available to today's security system user. Basically, VECTOR 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.

This manual is a step-by-step guide that will fully acquaint you with the system's features and benefits. It defines the components and their functions, describes their operation, and acquaints you with normal and emergency procedures. The following glossary of terms used throughout the manual will avoid any confusion.

GLOSSARY

ARM/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 "disarmed" state, "emergency" and "fire" portions of your system will still be operational.

KEYPAD: This is the area on your master console, or any remote unit, 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 will be described.

ZONE: A specific area of burglary protection.

TAMPER PROTECTION: (OPTIONAL) This feature detects a removed transponder (see p. 5) cover, resulting in an ALARM (system armed) or TROUBLE (system disarmed).

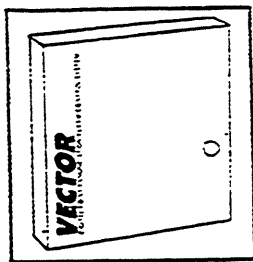
BYPASS: To disarm a specific area of burglary protection while leaving other areas operational.

DELAY ZONE: An area of protection containing doors household members most frequently use to enter or exit (typically, a front door, back door, or door from the garage into the house). The delay zone allows sufficient time for authorized entry or exit without activating the alarm. Consult installer for entry and exit delay times.

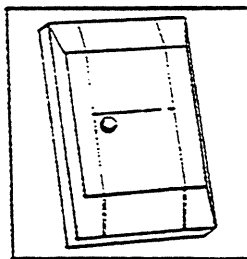
DAY/NIGHT ZONE: An area of protection whose violation causes a trouble indication during the disarmed (DAY) mode and an alarm during the armed (NIGHT) mode.

TROUBLE: This condition denotes an abnormal condition in the system.

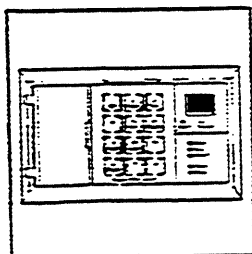
IDENTIFYING THE EQUIPMENT



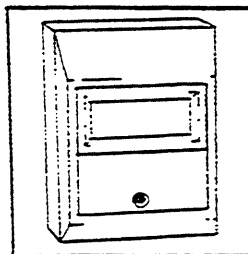
THE VECTOR CONTROL is the "BRAINS" of the system. Using microcomputer technology, the control panel can monitor the rest of the system, analyze the current status of all components and report all messages. When equipped to do so, the control can dial the phone* and report messages to headquarters.



THE No. 4190 TRANSPONDER is a microprocessor based device which is connected to sensor devices (for example: door and window switches) and enables the control panel to monitor all protected zones.

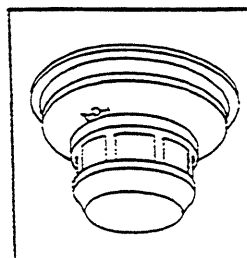


THE VECTOR SECURITY CONSOLE enables you to control all system functions and also enables you to monitor and diagnose system operation. Internal sounders, LED indicators and an LED display can announce the nature and location of all occurrences.



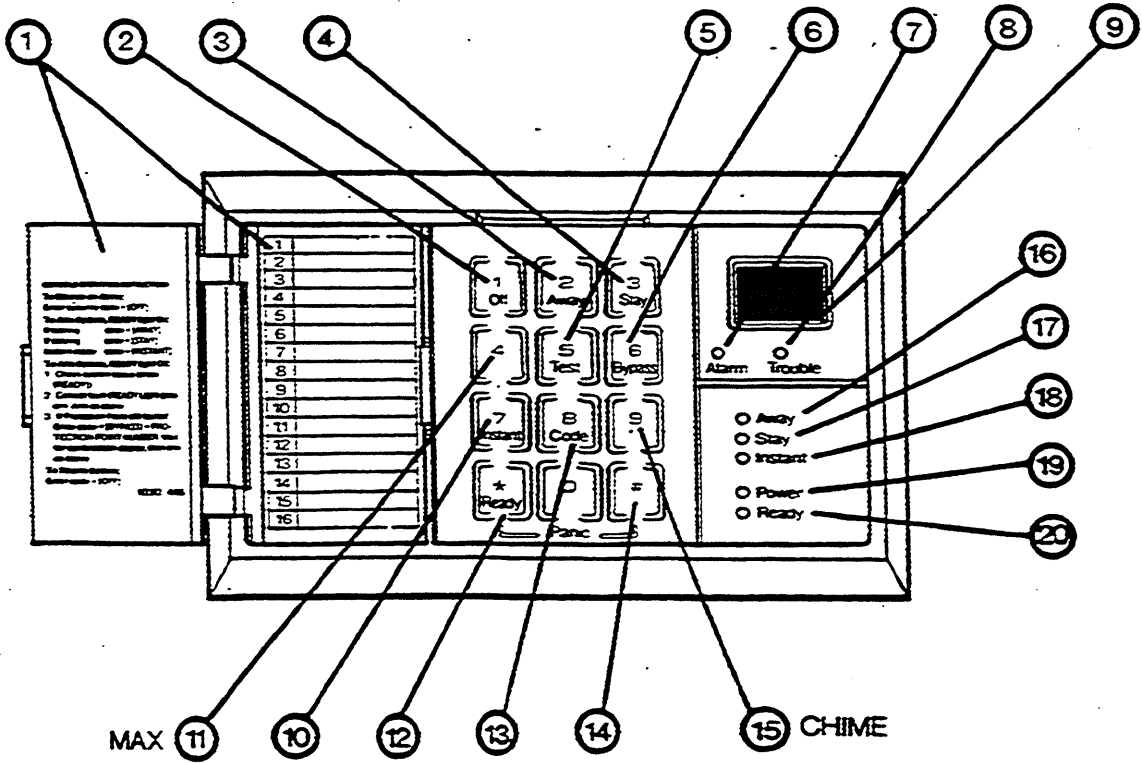
MOTION DETECTOR monitors rapid changes in temperature (in its field of view) caused by the presence of an intruder and can report the change to the control panel. Your dealer will point these out to you if used.

*The telephone communication portion of the system is not UL listed in VECTOR 2000.



SMOKE DETECTOR. This device can detect the presence of smoke or of pre-combustion gases in the area where the smoke detector is placed and notify the control panel.

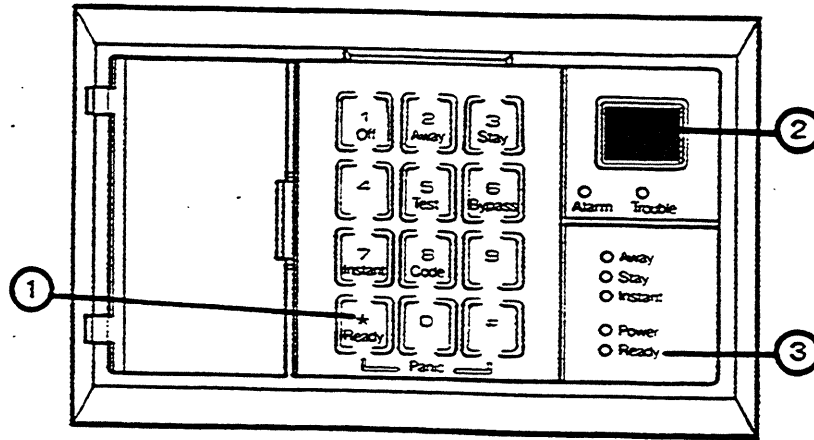
IDENTIFYING THE CONSOLE



IDENTIFYING THE CONSOLE

1. **USER INFORMATION COMPARTMENT:** Contains identification cards on which the location of each sensor can be written next to its number enabling the user to identify the location displayed. The compartment also contains selected operating instructions.
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. (SECURITY CODE + OFF)
3. **AWAY KEY:** Completely arms the burglary portion of the system.
4. **STAY KEY:** Completely arms the burglary portion of the system with the exception of the interior zone protection.
5. **TEST KEY:** Tests the system and the alarm sounder during the disarmed mode. (SECURITY CODE + TEST)
6. **BYPASS KEY:** Removes individual protection points from being monitored by the system. (SECURITY CODE + BYPASS + NN where NN is the number of the protection point being removed). Displays previously bypassed protection points. (SECURITY CODE + BYPASS).
7. **ALARM INDICATOR LIGHT:** (Red) Lit when an alarm has been detected and the system is armed or if a fire or audible emergency has been detected at any time.
8. **TROUBLE INDICATOR LIGHT:** (Red) Lit when a circuit malfunction is discovered in the system at any time or if a fault is detected in a DAY/NIGHT burglary zone during the disarmed period.
9. **POINT IDENTIFICATION DISPLAY:** A two digit numeric display identifies protection points and status codes. Nos. 01-92 represent protection points. 99 denotes panic 97 and 98 denote circuitry problems; bb denotes the presence of a bypass; FI denotes that the alarm present is a fire alarm. FC indicates a communication failure with the central station.
10. **INSTANT KEY:** Arms the burglary portion of the system with the exception of the interior zone of protection and removes entry delay period.
11. **"4" KEY:** Completely arms the burglary portion of the system and removes entry delay period.
12. **READY KEY:** When depressed prior to arming the system, the console will display all open protection points.
13. **& 14. READY AND # KEYS:** Submits a **PANIC** alarm when simultaneously depressed. (READY and # simultaneously)
13. **CODE KEY:** Allows the entry of new temporary security codes that can be given to users of the system. (SECURITY CODE + CODE + N + NEW SECURITY CODE, where N = 2 through 8).
14. **# KEY:** Permits **ARMING** of the system without use of a security code (if programmed to do so at installation time).
15. **"9" KEY:** Turns on the chime mode so that any entry through a delay zone causes a tone to sound at each console. (SECURITY CODE + "9").
16. **AWAY INDICATOR:** (RED) Lit when all burglary zones are armed.
17. **STAY INDICATOR:** (RED) Lit when all burglary zones, except the interior zone, are armed.
18. **INSTANT INDICATOR:** (YELLOW) Lit when entry delay is disabled.
19. **POWER INDICATOR:** (GREEN) Lit when AC power is present.
20. **READY INDICATOR:** (GREEN) Indicates that the burglary portion of the system is ready to be armed.

CHECKING FOR OPEN CONTACTS

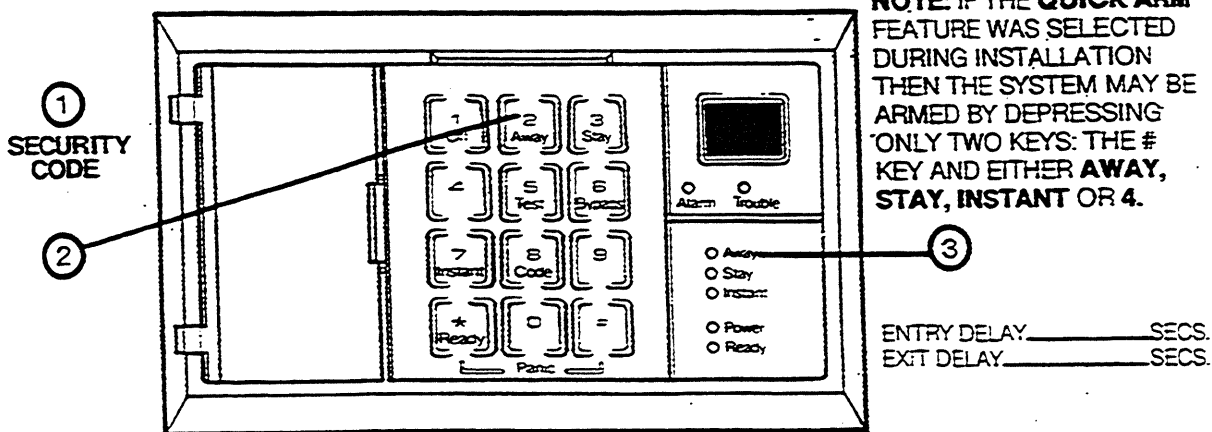


BEFORE ARMING YOUR ALARM SYSTEM, ALL PROTECTED DOORS, WINDOWS AND OTHER PROTECTION POINTS MUST BE CLOSED.

1. PRIOR TO ARMING, IF THE READY INDICATOR IS NOT LIT, CHECK FOR OPEN CONTACTS BY DEPRESSING THE READY KEY.
2. ALL OPEN PROTECTION POINTS WILL BE DISPLAYED.
3. THE READY INDICATOR WILL LIGHT WHEN ALL PROTECTION POINTS HAVE BEEN MADE INTACT OR CORRECTED.

ARMING THE SYSTEM

(WITH NO ONE REMAINING)



PROCEDURE:

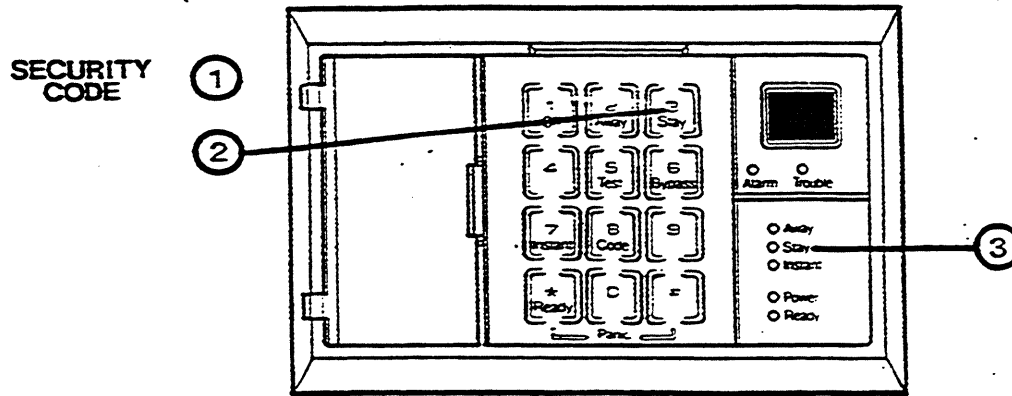
1. WITH THE **READY** LIGHT ON, ENTER THE SECURITY CODE (OR #, IF QUICK ARM IS USED. SEE NOTE.)
2. PRESS THE **AWAY** KEY. AN OPTIONAL 1/2 SECOND ARMING CONFIRMATION BEEP WILL SOUND.
3. **AWAY** INDICATOR WILL LIGHT. THE CONSOLE WILL BEEP TWICE. EXIT AND ENTRY DELAYS BEGIN. PERIMETER PROTECTION IS IN EFFECT IMMEDIATELY.

RESULT:

- YOU WILL BE ABLE TO EXIT AND ENTER WITHIN THE DELAY PERIOD.
- AFTER THE EXIT DELAY PERIOD HAS EXPIRED, AN ALARM WILL OCCUR IF ENTRY OCCURS THROUGH THE DOOR AND THE SYSTEM IS NOT TURNED OFF DURING THE ENTRY DELAY.
- ALL PROTECTION POINTS (EXCEPT THOSE WITH ENTRY/EXIT DELAY) ARE ARMED AND WILL SOUND ALARMS IMMEDIATELY WHEN VIOLATED.

ARMING THE SYSTEM

(WHILE INSIDE EXPECTING A LATER ARRIVAL)



PROCEDURE:

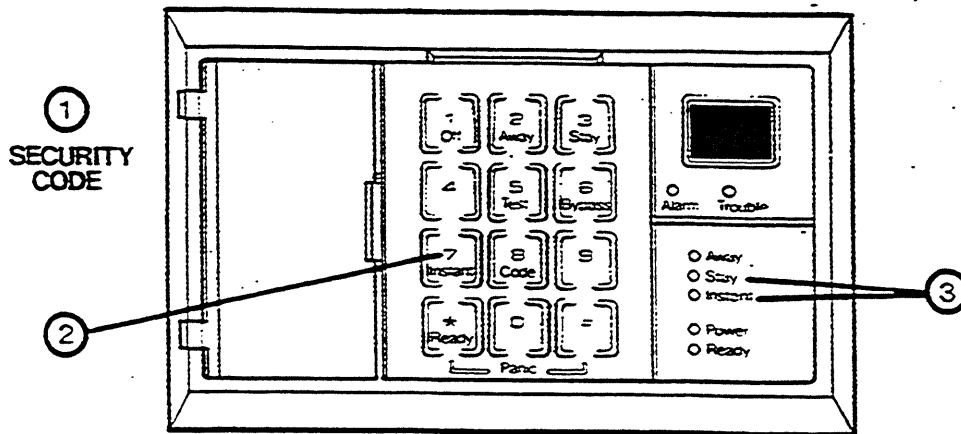
1. WITH THE **READY** LIGHT ON, ENTER THE SECURITY CODE (OR #, IF QUICK ARM IS USED. SEE NOTE ON PAGE 9.)
2. DEPRESS THE **STAY** KEY. AN OPTIONAL 1/2 SECOND ARMING CONFIRMATION BEEP WILL SOUND.
3. **STAY** INDICATOR WILL LIGHT. THE CONSOLE WILL BEEP THREE TIMES. ENTRY AND EXIT DELAYS BEGIN.

RESULT:

- YOU WILL BE ABLE TO EXIT WITHIN THE EXIT DELAY PERIOD. (CONSULT INSTALLER FOR EXIT DELAY TIME)
- AFTER THE EXIT DELAY PERIOD HAS EXPIRED, AN ALARM WILL OCCUR IF ENTRY OCCURS THROUGH THE DOOR AND THE SYSTEM IS NOT TURNED OFF DURING THE ENTRY DELAY.
- ALL INTERIOR PROTECTION POINTS ARE DISARMED TO PERMIT FREEDOM OF MOVEMENT THROUGHOUT THE INTERIOR.
- ALL PERIMETER PROTECTION POINTS (EXCEPT THOSE WITH ENTRY/EXIT DELAY) ARE ARMED AND WILL SOUND ALARMS IMMEDIATELY WHEN VIOLATED.

ARMING THE SYSTEM

(WHILE INSIDE WITH NO EXPECTED LATER ARRIVALS)



PROCEDURE:

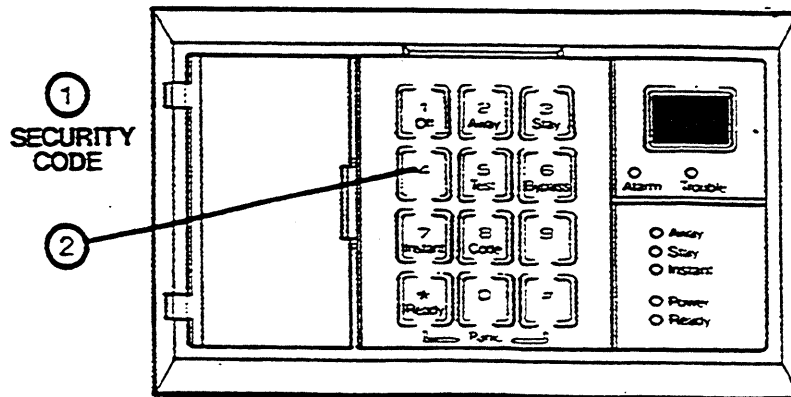
1. WITH THE **READY** LIGHT ON, ENTER THE SECURITY CODE (OR #, IF QUICK ARM IS USED. SEE NOTE ON PAGE 9.)
2. DEPRESS THE **INSTANT** KEY. AN OPTIONAL 1/2 SECOND ARMING CONFIRMATION BEEP WILL SOUND.
3. **STAY** AND **INSTANT** INDICATORS WILL LIGHT. THE CONSOLE WILL BEEP THREE TIMES.

RESULT:

- ALL INTERIOR PROTECTION POINTS ARE DISARMED FOR FREEDOM OF MOVEMENT THROUGHOUT THE INTERIOR.
- ALL PERIMETER PROTECTION POINTS, INCLUDING THOSE NORMALLY DELAYED, ARE ARMED AND WILL INSTANTLY CAUSE AN ALARM WHEN VIOLATED.

ARMING THE SYSTEM

(WHILE INSIDE, WITH MAXIMUM SECURITY)



PROCEDURE:

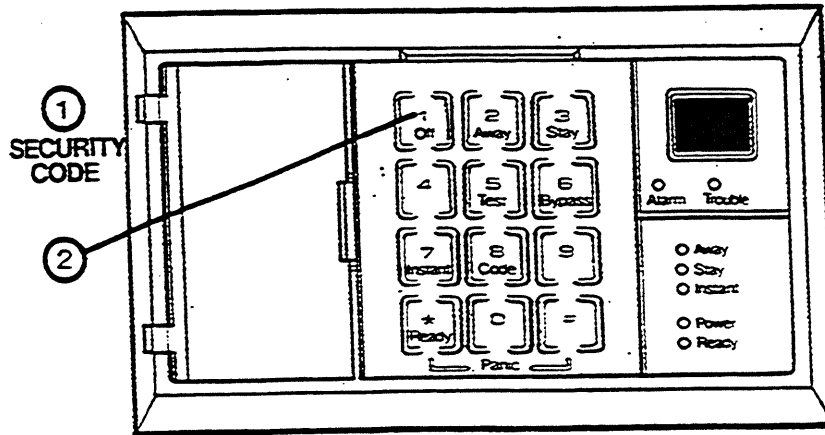
1. WITH THE **READY** LIGHT ON, ENTER THE SECURITY CODE (OR #, IF QUICK ARM IS USED. SEE NOTE ON PAGE 9.)
2. DEPRESS THE 4 KEY.
3. **AWAY** AND **INSTANT** INDICATORS WILL LIGHT. THE CONSOLE WILL BEEP TWO TIMES.

RESULT:

- ALL PROTECTION POINTS, (PERIMETER AND INTERIOR), INCLUDING THOSE WITH DELAYS, ARE ARMED AND WILL INSTANTLY CAUSE AN ALARM WHEN VIOLATED.
- OPTIONAL 1/2 SECOND ARMING CONFIRMATION BEEP WILL SOUND.

DISARMING THE SYSTEM

(FOR AWAY, STAY, INSTANT, MAXIMUM ARMING AND SILENCING ALL ALARMS)



PROCEDURE:

1. ENTER SECURITY CODE.
2. DEPRESS OFF.
3. IF AN ALARM HAS OCCURRED, MAKE A NOTE OF ALL DISPLAYED NUMBERS AND REPEAT STEPS 1 AND 2 TO RESTORE THE **READY** INDICATOR. IF THE **READY** INDICATOR WILL NOT LIGHT, GO TO THE DISPLAYED PROTECTION POINT AND REMEDY THE FAULT (CLOSE WINDOW, ETC.). IF THE FAULT CANNOT BE REMEDIED, THEN NOTIFY THE ALARM AGENCY.

RESULT:

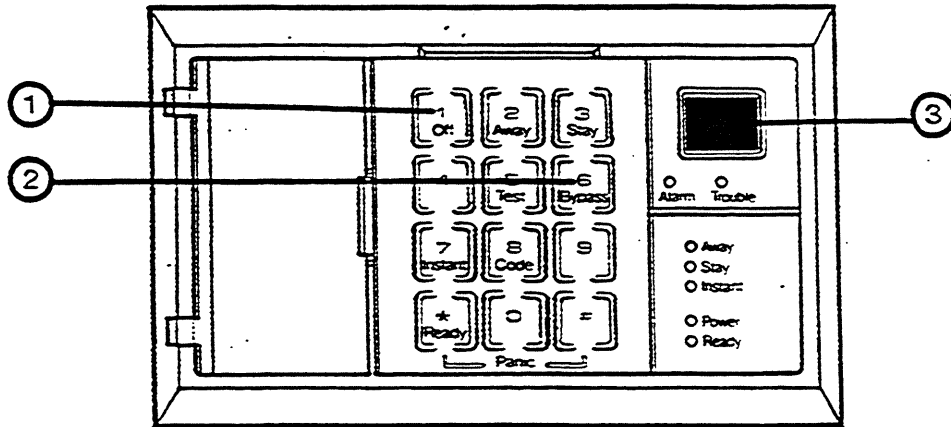
- ALARM INDICATOR WILL GO OUT AND THE POINT IDENTIFICATION DISPLAY WILL GO OUT ONLY WHEN THE FAULT IS REPAIRED.

IMPORTANT:

- AS INSTALLED, A FIRE ALARM WILL BE INDICATED EITHER BY THE DISPLAY OF **F1** OR BY A POINT ID NUMBER. WHEN **F1** IS DISPLAYED, ENTRY OF SECURITY CODE & **OFF** (OR AFTER AUTO ALARM SHUTDOWN) CAUSES A POINT ID DISPLAY.

— BYPASSING PROTECTION POINTS —

(USED FOR ARMING SYSTEM WITH ONE OR MORE POINTS SELECTIVELY LEFT UNPROTECTED)



PROCEDURE:

1. ENTER SECURITY CODE + **OFF**.
2. PRESS SECURITY CODE + **BYPASS** + POINT NUMBER
(e.g. 01, 02, 03, ETC.)
Important! ALL SINGLE DIGIT POINTS MUST BE PRECEDED WITH A ZERO. (EXAMPLE, ENTER 01 AND NOT 1.)
3. WAIT FOR ALL BYPASSED PROTECTION POINTS TO BE SEQUENTIALLY DISPLAYED (EACH ACCOMPANIED BY ONE BEEP) BEFORE ARMING.
4. THE POINT IDENTIFICATION DISPLAY MAY THEN DISPLAY "bb" TO INDICATE THE PRESENCE OF ONE OR MORE BYPASSED POINTS (OPTIONAL).

RESULT

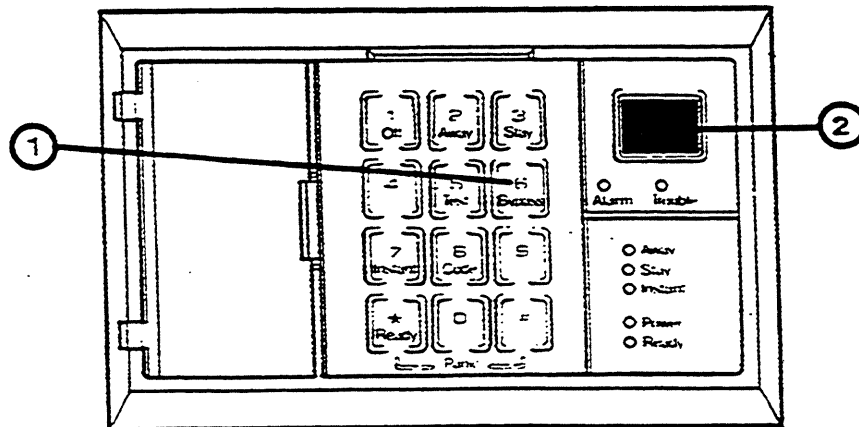
- ALL BYPASSED PROTECTION POINTS WILL NOT CAUSE AN ALARM WHEN VIOLATED.

LIMITATIONS:

- THE SYSTEM MUST BE DISARMED TO BYPASS ANY PROTECTION POINTS.
- FIRE OR EMERGENCY ZONE PROTECTION POINTS MAY NOT BE BYPASSED.
- TEMPORARY USER CODE NUMBER 8 CANNOT USE THE BYPASS FEATURE.

DISPLAYING BYPASSED PROTECTION POINTS

(USED FOR DETERMINING THOSE PROTECTION POINTS WHICH HAVE BEEN BYPASSED)



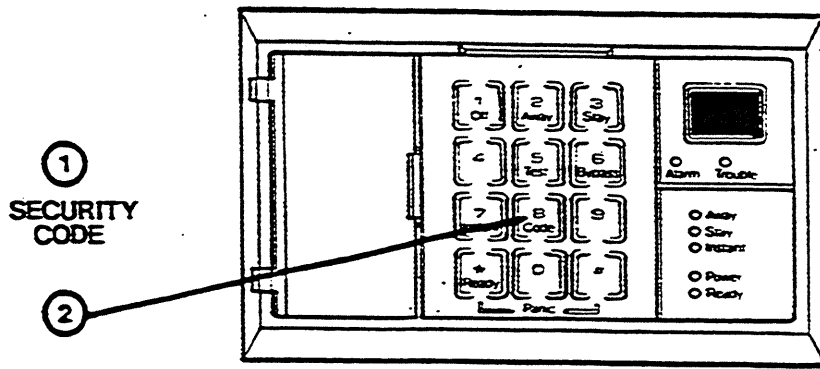
PROCEDURE:

1. IF "bb" IS DISPLAYED (AN INSTALLATION OPTION), PRESS SECURITY CODE + **BYPASS**.
2. WAIT FOR ALL BYPASSED PROTECTION POINTS TO BE SEQUENTIALLY DISPLAYED (EACH ACCOMPANIED BY ONE BEEP) BEFORE ARMING.

IMPORTANT

THE SYSTEM CAN BE EITHER IN THE ARMED OR DISARMED MODE WHEN THIS DISPLAY FUNCTION IS PERFORMED.

TEMPORARY CODES



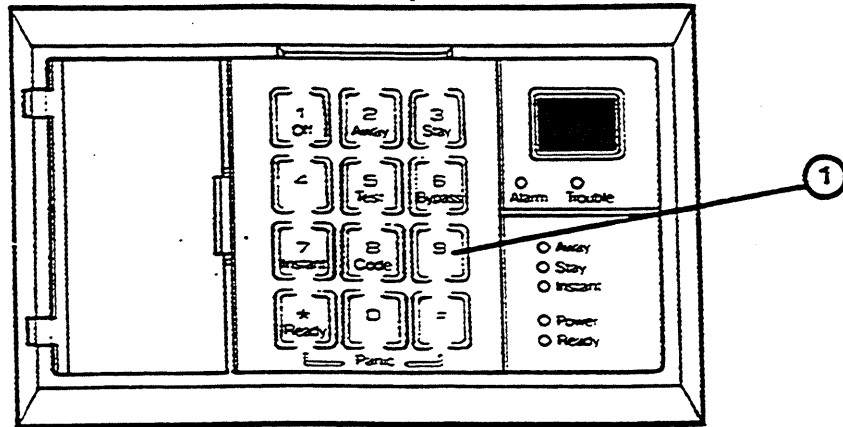
PROCEDURE:

1. ENTER MAIN SECURITY CODE.
2. PRESS **CODE**+ USER NUMBER 2-8 ÷ THE TEMPORARY SECURITY CODE. THE CONSOLE WILL BEEP ONCE WHEN THE PROCEDURE HAS BEEN COMPLETED SUCCESSFULLY.

CAUTIONS:

- UP TO SEVEN SEPARATE CODES MAY BE ASSIGNED.
- DO NOT ASSIGN A SECONDARY CODE THAT CONFLICTS WITH THE AMBUSH CODE (SEE **AMBUSH** SECTION).
- TO REMOVE A TEMPORARY CODE, ENTER MAIN SECURITY CODE ÷ **CODE** ÷ USER NUMBER (TO BE DELETED) ÷ MAIN SECURITY CODE.
- THE TEMPORARY CODE USER CAN PERFORM ALL FUNCTIONS EXCEPT ASSIGNING OTHER TEMPORARY CODES. THE 8th USER CODE CANNOT BYPASS ZONES.

CHIME ANNUNCIATION



PROCEDURE:

THIS FEATURE IS FUNCTIONAL ONLY WHEN THE BURGLARY SYSTEM IS DISARMED.

1. ENTER SECURITY CODE AND DEPRESS THE "9" KEY.

RESULT:

- WHEN A DOOR IN THE PERIMETER ZONE IS OPENED, A SINGLE * TONE WILL BE HEARD AT EACH CONSOLE.

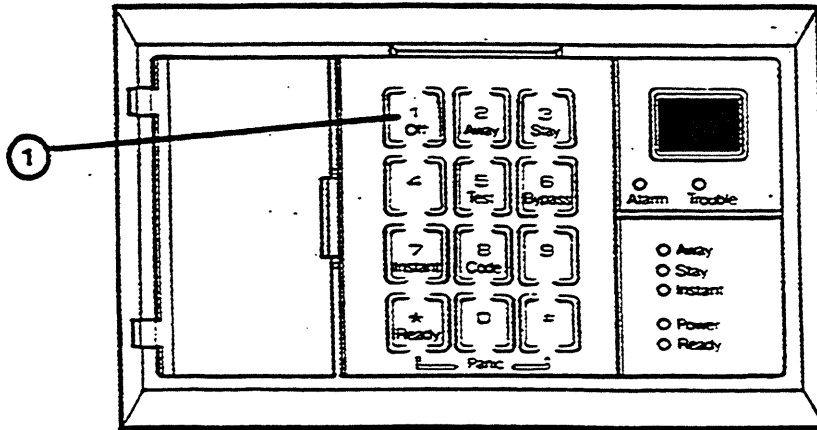
IMPORTANT:

THE CHIME MODE IS TURNED OFF BY ENTRY OF THE SECURITY CODE AND DEPRESSION OF "9".

*3 TONES IN A VECTOR 3000 SYSTEM

AMBUSH

(WHEN FORCED TO DISARM SYSTEM UNDER THREAT)



PROCEDURE

1. ENTER THE FIRST THREE DIGITS OF THE SECURITY CODE. INCREASE THE FINAL DIGIT BY ONE AND THEN PRESS **OFF**.

EXAMPLE:

(NORMAL SECURITY CODE) 1 2 3 4 ÷ **OFF**

(AMBUSH SECURITY CODE) 1 2 3 5 ÷ **OFF**

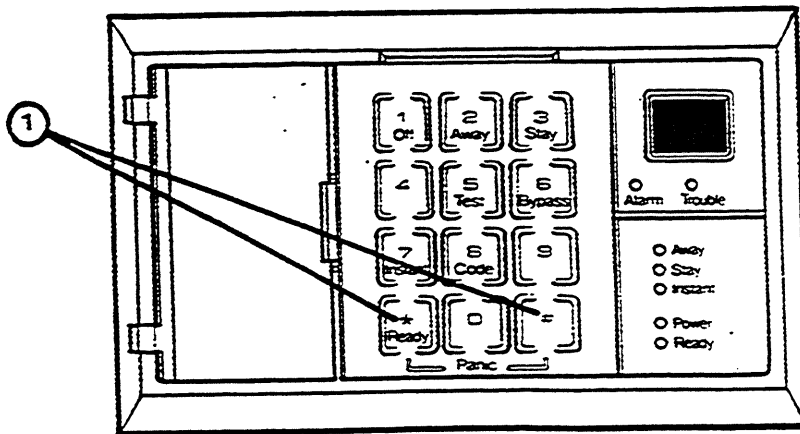
RESULT:

- THE SYSTEM WILL DISARM BUT THE SYSTEM CAN SILENTLY NOTIFY THE CENTRAL STATION OF YOUR SITUATION, IF YOU HAVE THAT SERVICE.

IMPORTANT

- THIS FUNCTION IS USEFUL ONLY WHEN CONNECTED TO A CENTRAL STATION.
- AMBUSH CODE CAPABILITY IS NOT PRESENT FOR ANY CODE ENDING IN 9.
- BE CAREFUL WHEN GIVING OUT TEMPORARY SECURITY CODES THAT THE USERS KNOW TO CAREFULLY ENTER THEIR SECURITY CODES.

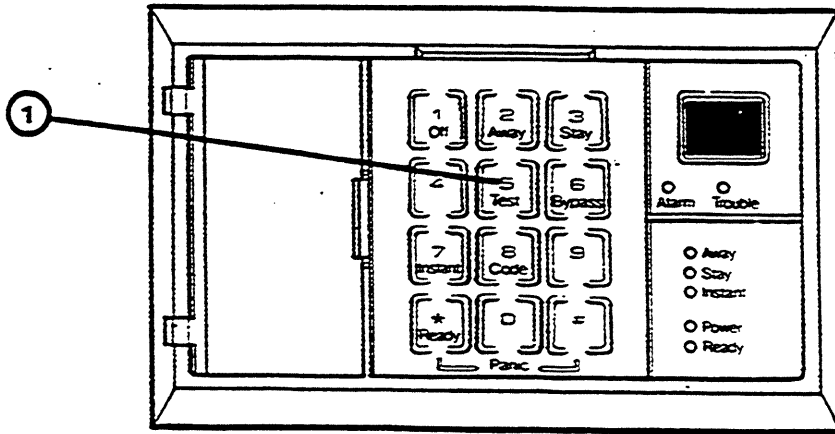
PANIC



THIS FEATURE IS FUNCTIONAL ONLY WHEN THE SYSTEM IS CONNECTED TO A CENTRAL STATION. (IF IT WAS PROGRAMMED FOR SILENT OPERATION BY YOUR INSTALLER).

1. SIMULTANEOUSLY DEPRESS THE * READY AND # KEYS.

TEST THE SYSTEM



(TEST TO BE CONDUCTED WEEKLY)

1. ENTER SECURITY CODE AND DEPRESS THE **TEST** KEY. THE EXTERNAL SOUNDER IS ACTIVATED FOR 3 SECONDS.

-SUMMARY OF AUDIBLE NOTIFICATION-

CONSOLE	EXTERNAL	CAUSE	DISPLAY
ONE SHORT BEEP (NOT REPEATED)	NONE	a. SYSTEM DISARM b. SYSTEM ARMING ATTEMPT WITH AN OPEN CONTACT c. BYPASS VERIFY	a. Only POWER and READY indicators are lit. b. READY indicator is off, open protection point number is displayed. c. The bypassed protection point numbers are displayed. (One beep is heard for number displayed).
ONE SHORT BEEP (VECTOR 2000) OR THREE SHORT BEEPS (VECTOR 3000)	NONE	PERIMETER ZONE SENSOR IS OPENED WHILE IN THE CHIME MODE	READY indicator is off, open protection point number is displayed.
NONE	1/2 SECOND BEEP	OPTIONAL ARMING CONFIRMATION	POWER, READY AND STATUS INDICATORS ARE LIT.
TWO SHORT BEEPS	NONE	ARM AWAY	AWAY and possibly INSTANT indicators are lit.
THREE SHORT BEEPS	NONE	ARM STAY OR INSTANT	The STAY or both the STAY and INSTANT indicators are lit.
RAPID BEEPING	NONE	a. TROUBLE b. AC POWER LOSS ALERT (OPTIONAL) c. MEMORY OF ALARM	a. TROUBLE indicator is lit. b. POWER indicator off. c. ALARM indicator is lit; protection point in alarm is displayed.
STEADY SOUND* (OPTIONAL FOR BURGLARY)	a. NONE b. STEADY SOUND	EMERGENCY ALARM BURGLARY ALARM	ALARM indicator is lit. Protection point in alarm is displayed.
SLOW BEEPING	NONE	ENTRY DELAY	None during delay, exceeding the delay time without disarming causes alarm.
NONE	STEADY SOUND	BURGLARY/AUDIBLE EMERGENCY ALARM	ALARM indicator is lit; protection point in alarm is displayed.
PULSED BEEPING*	PULSED SOUND	FIRE ALARM	ALARM indicator is lit; protection point in alarm or FI is displayed. (As a function of installation)
NONE	NONE	FAILURE TO COMMUNICATE WITH CENTRAL STATION	THE LETTERS FC are displayed until system is armed and then disarmed.

*FIRE ALARM SOUNDING TAKES PRIORITY OVER BURGLARY ALARM SOUNDING, IF BOTH ALARMS OCCUR AT THE SAME TIME.

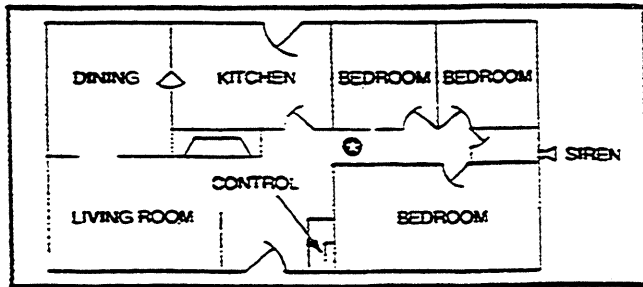
NATIONAL FIRE PROTECTION ASSN. RECOMMENDATIONS ON SMOKE DETECTORS

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.

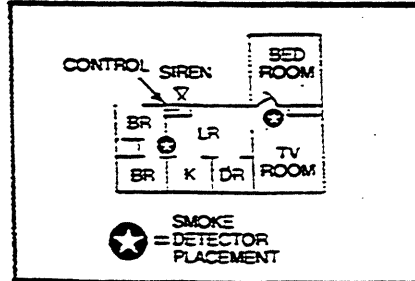
Early warning fire detection is best achieved by the installation of fire detection equipment in all rooms and areas of the household as follows: A smoke detector installed in each separate sleeping area, (the vicinity of, but outside of the

bedrooms), and heat or smoke detectors in living rooms, dining rooms, bedrooms, kitchens, hallways, attics, furnace rooms, closets, utility and storage rooms, basements and attached garages.

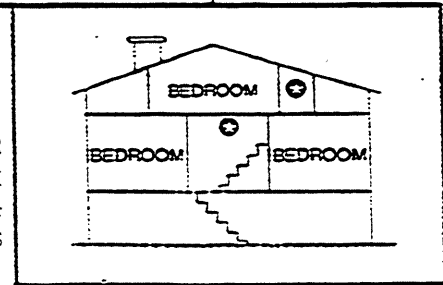
NOTE: "Approval of the panel's burglar alarm functions does not fall within the (California) State Fire Marshal's area of jurisdiction."



BEST RESIDENTIAL DETECTOR PLACEMENT
BETWEEN BEDROOMS AND REST OF HOUSE



PLACE
DETECTOR
NEAR ALL
SLEEPING
AREAS



MAXIMUM FLOOR
COVERAGE—
DETECTORS AT
TOP OF
STAIRWELLS

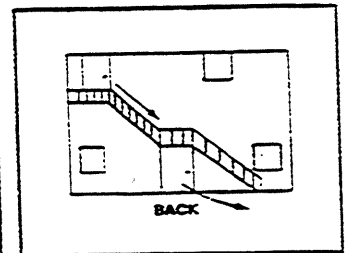
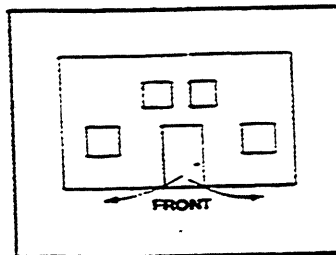
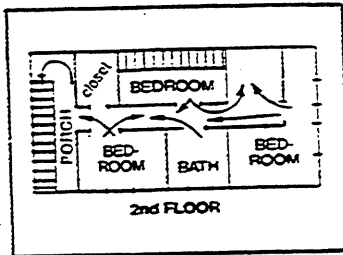
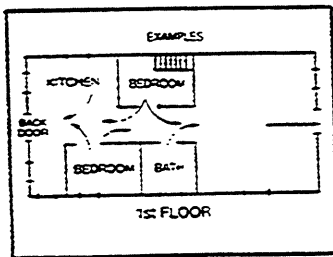
EMERGENCY EVACUATION

Every family should take steps to establish and regularly practice a plan of escape in the event of a fire. The following steps are recommended by the National Fire Protection Association and can be used as a guide in developing your own emergency plan.

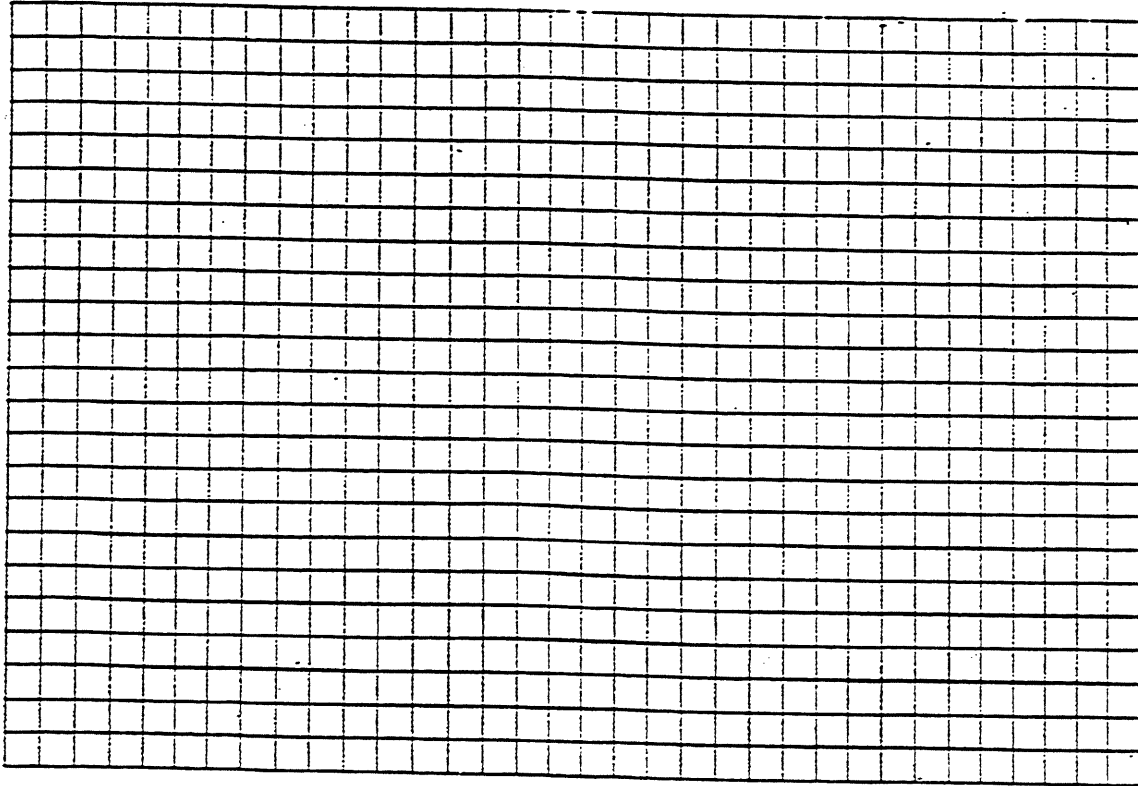
1. Plan on your detector or your interior and/or exterior sounders waking the family.
2. Determine two means of escape from each room in your home, particularly the bedrooms, since most home fires occur at night when everyone is asleep. One path of escape should lead to the door that permits normal exit from the house. The other may be a window which opens easily to permit escape should your primary path be unpassable. It may be necessary to station an escape ladder at such windows if there is an unusually long drop to ground below.
3. Sketch a floor plan of your home. Show windows, doors, stairs and rooftops that can be used to escape in the event of fire.

Indicate escape routes for each room. Remember to keep these routes free from obstruction and post copies of the escape route sketch in every room.

4. Make sure that all bedroom doors are shut while the family is asleep. This will prevent deadly smoke from entering while you escape.
5. Try the door: If it is hot, check your alternate escape route. If the door is cool, use your shoulder to 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.



DRAW YOUR OWN EVACUATION PLAN



QUESTIONS and ANSWERS ABOUT YOUR SECURITY SYSTEM

- Q.** I'm in. My system is armed. I accidentally set off the burglar alarm. What should I do?
- A.** Go to your nearest keypad. Enter your security code and press **off**. This will silence the alarm sounders.
- If your alarm is connected to a police department or alarm monitoring service,* and you've silenced the alarm within 16 seconds (if signalling delay has been programmed during installation), you have successfully aborted sending a signal to them. If not, telephone them immediately to advise that the alarm was accidental.
- Q.** I have an employee. I want that person to arm the system when they leave, but have no ongoing control over it. What should I do?
- A.** Enter a temporary security code at any keypad and instruct your employee in its use. The temporary code can be changed when its usefulness is over.
- Q.** Cooking smoke has inadvertently triggered my fire alarm. What should I do?
- A.** If your system is connected to a fire department or alarm monitoring service, immediately advise them it's a false alarm. At the nearest keypad, enter your security code. Press **off** key. This will silence the alarm. Should the trouble light flash, check the smoke detectors in the affected area. Clear any residual smoke in the detector's chamber by fanning it for 30 seconds. Enter the security code and press the **off** key.
- Q.** How does the system help me avoid false alarms?
- A.** A built-in Fail Safe feature prevents you from arming the system while any of its sensors are not intact. Unarmed, no false alarm can occur. In addition, the signalling of your central monitoring service for fire and burglary can be delayed by 16 seconds. This permits you to turn the system off after you have inadvertently caused an alarm, but before an alarm monitoring station or the police are notified (if your system is so connected)*. This option should be discussed with your installer.
- Q.** I become aware of the presence of an intruder. What should I do?
- A.** If the Silent Emergency feature is connected to a police department or alarm monitoring station*, push your Silent Emergency button or simultaneously press both the **READY** and the # keys on your nearest keypad. If you don't have this optional connection, try to escape the nearest safe location and call for help.

- Q.** I return and my burglar alarm is sounding. What should I do?
- A.** Do not enter. Go to the nearest phone and call the police.
- Q.** What should I do if I hear my fire alarm?
- A.** Following your pre-arranged Emergency Evacuation Plan, help all occupants safely escape, then contact the fire department from a safe location.
- Q.** I'm alone, incur an emergency and need help.
- A.** If your system is connected to a police department or alarm monitoring station and has been provided this capability by your installer, press your emergency button to summon help.
- Q.** I'm in and want both intrusion protection and freedom of movement in the interior of my place.
- A.** At the nearest keypad, enter the security code and then press the STAY key, so that its related Indicator Light is ON. (You will also hear three beeps.) The perimeter is now protected.
- Q.** I'm in and want an instantaneous alarm to be sounded if an intruder attempts to break in via my primary access door(s).
- A.** At the nearest keypad, enter your security code and press INSTANT key. The STAY and INSTANT Indicator Lights will go ON and you will hear three beeps. Your system is armed and the Entry Delay period has been cancelled.
- Q.** The POWER light on my Keypad is off. What should I do?
- A.** Though the POWER light goes out upon the loss of AC power to the system, the system is still operating from its back-up battery.
1. If some lights are out, check circuit breakers and fuses and reset or replace as necessary.
 2. Check to see that your system's plug-in transformer has not been accidentally pulled out.
 3. If these steps do not restore power to the system, call your service representative.
- Q.** The trouble light on my keypad is on and the console emits a rapid beep. What should I do?
- A.** Stop the beep by depressing any key. Look up the displayed address on the locator card inside the console door. The trouble indication results from system tampering, improperly installed or missing smoke detector heads or system abnormalities. Call for service.

EMERGENCY PHONE NUMBERS

Alarm Monitoring Station _____

Gas/Electric Company _____

Hospital _____

Fire Department _____

Neighbor _____

Ambulance _____

Police _____

Doctor _____

Emergency _____

SERVICING INFORMATION:

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

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. Any alarm system, whether commercial or residential, is subject to compromise or failure to warn for a variety of reasons, such as:

- 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.
- 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 are located 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 by noise from a stereo, radio, air conditioner or other appliances, or by passing traffic. Finally, alarm warning devices, however loud, may not warn hearing-impaired people.
- 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.
- 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 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. Finally, 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.
- This equipment, like other electrical devices, is subject to component failure. Even though they are 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 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 insure their lives and property.

OWNER'S INSURANCE PREMIUM CREDIT REQUEST

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

A. GENERAL INFORMATION:

Insured's Name and Address: _____

Insurance Company: _____ Policy No.: _____

Ademco VECTOR SECURITY SYSTEM

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: _____

ALARM DEVICE MANUFACTURING COMPANY
165 Eileen Way, Syosset, New York 11791

TO THE USER

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

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of 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 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. Stock No. 004-000-00450-7.

IN THE EVENT OF TELEPHONE OPERATIONAL PROBLEMS

In the event of telephone operational problems, disconnect the control/communicator by removing the plug from the RJ31X jack. We recommend that the 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 the 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 your 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 on the system. It must be returned to the factory or an authorized service agency for all repairs.



A DIVISION OF PITTMAY CORPORATION

N2760V1 5/89

Copyright © 1987 PITTMAY CORPORATION