Dear Tech-Man Subscriber:

ADEMCO apologizes for any misunderstanding that has arisen due to our recent decision to have our technical information removed from the Tech-Man web site. You may appreciate that one of our key concerns is to provide installing security dealers with timely and accurate information on our products, and we were concerned about the data posted to the Tech-Man web site. For obvious reasons, we also do not wish unauthorized individuals to have access to information on installing and configuring ADEMCO systems. These concerns were what prompted us to ask Tech-Man to stop posting ADEMCO installation instructions and user manuals.

Several of you have written us to ask that we reconsider this decision. We have. We will not require Tech-Man to remove the ADEMCO data. ADEMCO, however, is not responsible for the operation and maintenance of this site - thus we cannot guarantee the timeliness or accuracy of the information posted on the Tech-Man web site.

The ADEMCO web site is located at www.ademco.com and contains accurate timely data about our products. You may request a PIN number for access to the ADEMCO Technical Support web site and FAXBACK system.

If you need assistance on troubleshooting, or if you have other technical questions about our products not addressed in the information posted at our web site, please contact ADEMCO Technical Support at 800-645-7492.

Thank you for understanding.

Sincerely,

Herb Lustig

Security System

User's Manual

®ADEMCO

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(continued)

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

SYSTEM OVERVIEW

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 all system status. Ademco is the world's largest manufacturer of security systems and millions of premises are protected by Ademco systems.

Basically, this system offers you three forms of protection: burglary, fire and emergency. Your system may consist of at least one console 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.

Consoles All system functions are controlled by your console(s). The consoles feature a telephone style (digital) keypad and a Liquid Crystal Display (LCD) which shows the nature and location of all occurrences. Their built-in sounder will sound during alarm and trouble conditions.

The Security System can use either Alpha Display or Fixed Word Display Consoles to perform and display system functions. Unless stated otherwise, all commands and procedures described herein apply equally to both types of consoles.

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

(continued)   # SYSTEM OVERVIEW

Alarms   When an alarm occurs, both the console and external sounders will sound, and a message at the console 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 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.

Burglary Protection The burglary protection portion of your system must be turned on or "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 THE SYSTEM* sections for instructions in using these modes of operation.

Your system also provides a CHIME mode for alerting you to the opening and closing of doors and windows while the system is disarmed.

Memory Of Alarm   When an alarm or trouble condition occurs, the console displays the number(s) of the zone(s) that caused the problem, and displays the type of alarm or trouble (ex. FIRE, ALARM, CHECK). The display remains until it is cleared by entering the OFF sequence (entering your security code + pressing **OFF**) twice.

SECURITY CODES

General At the time of installation, your installer programmed a personal four-digit Master code, known only to you and yours. This code is used to perform most system functions, including arming and disarming of the system. As an additional safety feature, temporary user codes can be assigned (see next page) 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.

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 the same as your user code, except that the last digit is increased by one.* 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. User codes that end in "9" (ex. 6349) cannot activate a duress alarm (i.e., 6350 is not a duress alarm code).

Quick Arming 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.

Ask your installer if "Quick Arming" is active for your system, and if so, check here.

(continued)

To Assign, Change, or Delete User Codes

SECURITY CODES

1. Enter your Master code and press the **CODE** key.
2. Enter single-digit User Number for whom a code is to be assigned, changed, or deleted.

3. *If assigning or changing a user's code,* enter the desired 4-digit code for use by that User Number. The console will beep once.

If *deleting a user's code,* perform steps 1& 2 and stop. In a few moments the console will beep once, indicating that the existing code has been deleted.

Important:

- Instruct other users to enter their codes carefully to avoid accidentally entering the Duress code. If desired, other users can be assigned a code ending in "9", to prevent accidental Duress code entry

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

- Be sure user codes do not conflict with any Duress code.

SINGLE DIGIT USER NUMBERS
Ask your installer which User Numbers are available for your system, and note them here:

4-DIGIT USER CODES
It is recommended that obvious codes such as 1111 or 1234 not be assigned.

TYPICAL CONSOLE KEYPAD

A

OFF **1**   AWAY **2**   STAY **3**

B

MAXIMUM **4**   TEST **5**   BYPASS **6**

C

INSTANT **7**   CODE **8**   CHIME **9**

D

READY *****   **0**   **#**

—— PANIC ——

USE THE **CODE** KEY TO ASSIGN OTHER USER CODES

"QUICK ARM" KEY (IF PROGRAMMED)

THESE KEYS NOT PRESENT ON ALL CONSOLES

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 main door without setting off an alarm. **Entry delay** gives you time to disarm the system when you reenter through the main door. The system must be disarmed, however, before the entry delay period ends, or an alarm will occur. The console 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.

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

Exit Delay: [   ] seconds   **Entry Delay:** [   ] seconds

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 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 one or more open protection zones).

READY The burglary system is ready to be armed.

NO AC Appears when AC power has been cut off. System is operating on backup battery power.

AC Appears when AC power is present.

CHIME Appears when the CHIME feature is activated.

BAT Low battery condition in a wireless sensor (if zone number is also shown), or Low system battery (if no zone number is shown).

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(Trouble)/NIGHT(Alarm) 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.
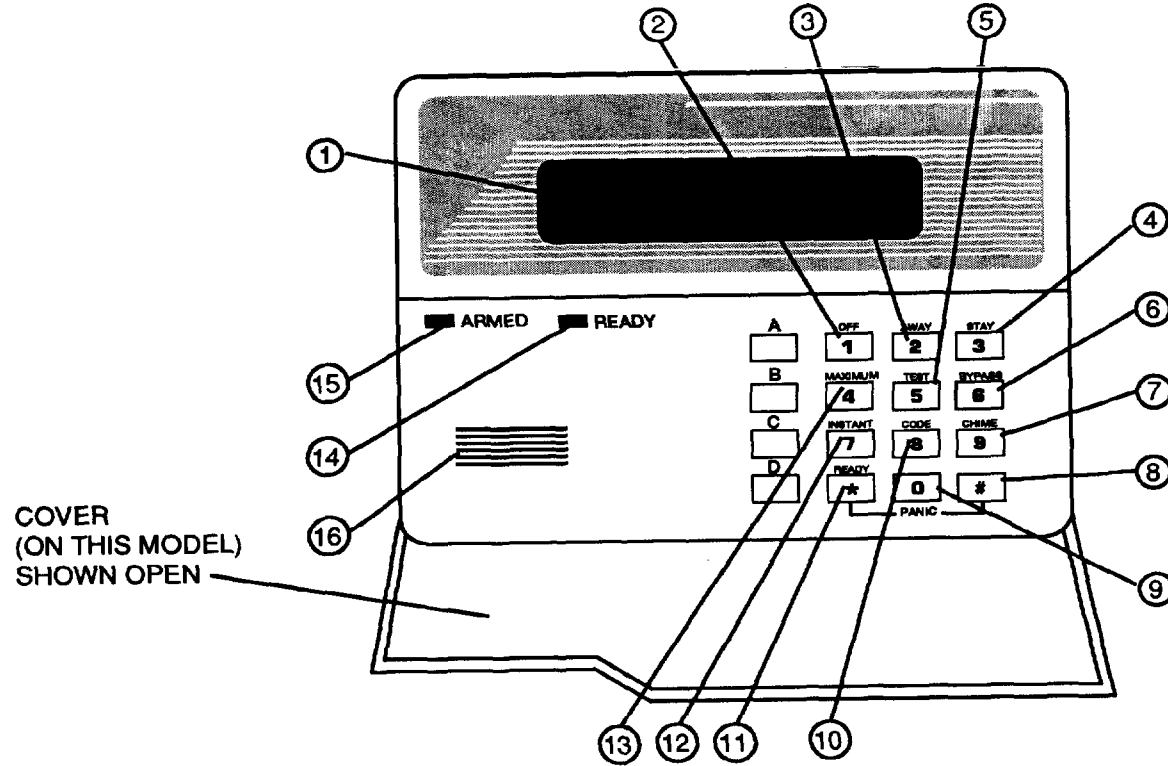
FIXED WORD DISPLAY WINDOW

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SUMMARY OF CONSOLE FUNCTIONS
SEE TYPICAL CONSOLE ON NEXT PAGE

1. **DISPLAY WINDOW:** Displays protection zone identification and system status messages.

2. **1 OFF KEY*:** Disarms the burglary portion of the system, silences alarms and audible trouble indicators, and clears visual display after the problem's correction.

3. **2 AWAY KEY*:** Arms the entire burglary system, perimeter and interior.

4. **3 STAY KEY*:** Arms the perimeter portion of the burglary system only. Interior protection is not armed, which allows movement within your house without causing an alarm.

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

6. **6 BYPASS KEY*:** Removes individual protection zones from being monitored by the system.

7. **9 CHIME KEY*:** Turns CHIME mode on and off. When on, the opening of windows or doors while the system is disarmed will cause a beeping at the Console(s).

8. **# KEY:** "Quick Arm" key permits ARMING of the system without use of a security code (if so programmed).

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

10. **8 CODE KEY*:** Used to assign additional user codes that can be given to other users of the system.

11. *** READY KEY:** Used to display open zones.

12. **7 INSTANT KEY*:** Arms in manner similar to STAY mode, but without the entry delay feature. Entering via the main door will cause an instant alarm.

13. **4 MAXIMUM KEY*:** Arms in manner similar to AWAY mode, but without the entry delay feature, thus providing maximum protection. An alarm will occur immediately upon opening any protection point, including the main door.

14. **READY INDICATOR:** (GREEN) Lit when the system is ready to be armed (no faults present).

    Note: On some other consoles there is, instead, a...

    POWER INDICATOR: (GREEN) Lit when primary power is on. If off, system may still be operating, but on its backup battery power. See *Power Failure* in *TROUBLE CONDITIONS* section.

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

16. **INTERNAL SOUNDER:** The built-in console sounder mimics the alarm sounder during alarms, and will also "beep" during certain system functions. (see *Summary of Audible/Visual Notifications*).

*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).

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

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TYPICAL ALPHA CONSOLE

ARMED ☐ READY

A
B
C
D

OFF 1 AWAY 2 STAY 3
MAXIMUM 4 TEST 5 BYPASS 6
INSTANT 7 CODE 8 CHIME 9
READY * 0 #
PANIC

COVER
(ON THIS MODEL)
SHOWN OPEN

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CHECKING FOR OPEN ZONES

Using the
[∗] READY Key

Before arming your system, all protected doors, windows and other protection zones must be closed or bypassed (see *BYPASSING PROTECTION ZONES* section), otherwise the console will display a "Not Ready" message, and if your console 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.

A "Ready" message will be displayed when all protection zones have been either closed or bypassed and the console's READY indicator light (if present) will be lit.

(continued)   # CHECKING FOR OPEN ZONES

TYPICAL CONSOLE KEYPAD

A

OFF	AWAY	STAY
1	2	3

B

MAXIMUM	TEST	BYPASS
4	5	6

C

INSTANT	CODE	CHIME
7	8	9

D

READY		
*	0	#

— PANIC —

TO DISPLAY
OPEN ZONES,
PRESS THE
READY KEY

THESE KEYS NOT PRESENT
ON ALL CONSOLES
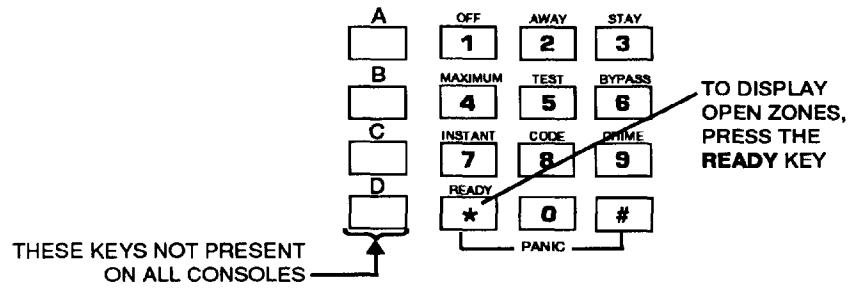
TYPICAL DISPLAYS
INDICATING OPEN PROTECTION ZONE

ALPHA DISPLAY

FAULT 06 FRONT
UPSTAIRS BEDROOM

FIXED-WORD DISPLAY

06   AC

NOT READY

BYPASSING PROTECTION ZONES

Using the
6 **BYPASS Key**

This key is used when you want to arm your system with one or more zones intentionally unprotected. The system must be disarmed first.
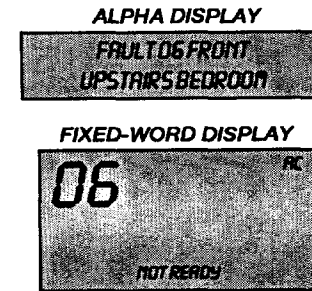
1. Enter your security code and press the **BYPASS** key

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

2. Enter 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).*

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

3. When finished, the console will display a "Bypass" message along with 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.

TYPICAL CONSOLE KEYPAD
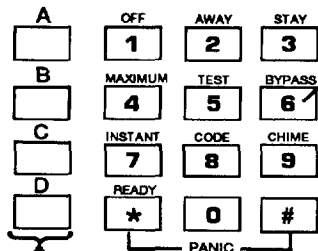
TYPICAL DISPLAYS

ALPHA DISPLAY

TO BYPASS ZONES:
• ENTER CODE,
• PRESS **BYPASS** KEY,
• ENTER ZONE Nos.

WAIT FOR BYPASSED ZONES TO BE DISPLAYED BEFORE ARMING

FIXED-WORD DISPLAY

THESE KEYS NOT PRESENT ON ALL CONSOLES

(continued) # BYPASSING PROTECTION ZONES

Quick Bypass

☐ Ask your installer if "Quick Bypass" is active for your system, and if so, check here.

If your system supports "Quick Bypass", it allows you to automatically bypass all open (faulted) zones without having to enter zone numbers individually.

To use this feature, enter your security code, press the **BYPASS** key, then stop. In a few moments, all open zones will be displayed along with a "Bypass" message. Wait for all bypassed zones to be displayed, then arm the system as usual.

TYPICAL "READY TO ARM" DISPLAYS

SYSTEM
CAN NOW
BE ARMED
WITH ZONE(S)
BYPASSED

ALPHA DISPLAY

DISARMED BYPASS
READY TO ARM

FIXED-WORD DISPLAY

AC

BYPASS

READY

ARMING PERIMETER ONLY

WITH ENTRY DELAY ON

Using the
3 STAY Key

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

| BEFORE ARMING, |
| close all doors and windows |
| (see *CHECKING FOR* |
| *OPEN ZONES* on page 12) |

1. Enter your security code and press the **STAY** key.

2. The console will beep three times and will display the armed message. The red ARMED indicator will light.

3. The system will arm and will sound an alarm if a door or window is opened, but you may otherwise move freely throughout the house.

Later arrivals can enter through the main door without causing an alarm, but they must disarm the system within the entry delay period.

TYPICAL CONSOLE KEYPAD
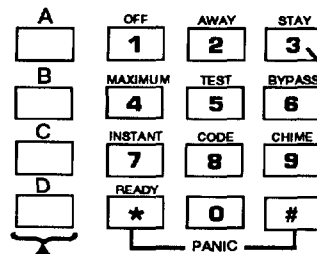
TYPICAL "ARMED STAY" DISPLAYS

ALPHA DISPLAY

ARMED***STAY***

THE **STAY** KEY ARMS
THE PERIMETER,
BUT ALLOWS USE OF
THE MAIN DOOR

FIXED-WORD DISPLAY

STAY

A   OFF   AWAY   STAY
     1   2   3

B   MAXIMUM TEST BYPASS
     4   5   6

C   INSTANT CODE CHIME
     7   8   9

D   READY
     *   0   #
          — PANIC —

THESE KEYS NOT PRESENT
ON ALL CONSOLES

ARMING PERIMETER ONLY

WITH ENTRY DELAY OFF

Using the [7] INSTANT Key

BEFORE ARMING, close all doors and windows (see *CHECKING FOR OPEN ZONES* on page 12)

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

1. Enter your security code and press the **INSTANT** key.
2. The console will beep three times and will display the armed message. The red ARMED indicator will light.
3. The system will arm and will sound an alarm if a door or window is opened, but you may otherwise move freely throughout the house.

An alarm will also sound immediately if anyone opens the main door.

TYPICAL CONSOLE KEYPAD

THE **INSTANT** KEY ARMS THE PERIMETER (INCLUDING THE MAIN DOOR), WITH NO ENTRY DELAY

THESE KEYS NOT PRESENT ON ALL CONSOLES
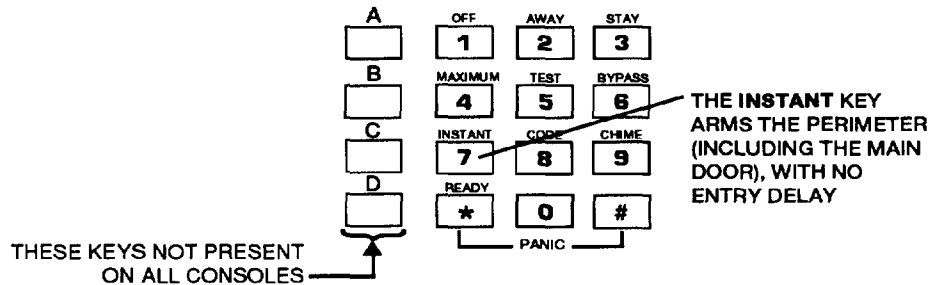
TYPICAL "ARMED INSTANT" DISPLAYS

ALPHA DISPLAY

FIXED-WORD DISPLAY

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ARMING ALL PROTECTION

WITH ENTRY DELAY ON

Using the
2 AWAY Key

| BEFORE ARMING, |
| close all doors and windows |
| (see *CHECKING FOR* |
| *OPEN ZONES* on page 12) |

Use this key when no one will be staying home.

1. Enter your security code and press the **AWAY** key.

2. The console will beep twice and will display the armed message. The red ARMED indicator will light.

3. You may leave through the main door during the exit delay period without causing an alarm.

After exit delay, the system arms and will sound an alarm if a door or window is opened, or if any movement is detected inside your house.

You may reenter through the main door, but must disarm the system within the entry delay period.
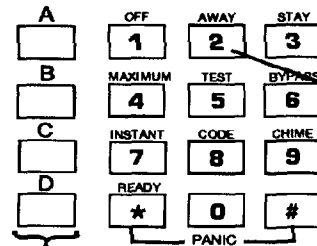
TYPICAL CONSOLE KEYPAD

```
A        OFF      AWAY     STAY
[ ]      [ 1 ]    [ 2 ]    [ 3 ]

B        MAXIMUM  TEST     BYPASS
[ ]      [ 4 ]    [ 5 ]    [ 6 ]    THE AWAY KEY ARMS
                                    THE ENTIRE SYSTEM
C        INSTANT  CODE     CHIME    (INTERIOR AND
[ ]      [ 7 ]    [ 8 ]    [ 9 ]    PERIMETER), BUT
                                    ALLOWS USE OF THE
D        READY                      MAIN DOOR
[ ]      [ * ]    [ 0 ]    [ # ]
                 - PANIC -
```

THESE KEYS NOT PRESENT
ON ALL CONSOLES

TYPICAL "ARMED AWAY" DISPLAYS

ALPHA DISPLAY

```
ARMED ***AWAY***
YOU MAY EXIT NOW
```

FIXED-WORD DISPLAY

```
AWAY            AC
```

ARMING ALL PROTECTION

WITH ENTRY DELAY OFF

Using the
4 MAXIMUM Key

BEFORE ARMING,
close all doors
and windows (see
CHECKING FOR OPEN
ZONES on page 12)

Use this key 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.

1. Enter your security code and press the **MAXIMUM** key.

2. The console will beep twice and will display the armed message. The red ARMED indicator will light.

3. You may leave through the main door during the exit delay period without causing an alarm.

After exit delay, the system arms and will sound an alarm if a door or window is opened, or if any movement is detected inside your house.

An alarm will sound immediately, when someone reenters.

TYPICAL CONSOLE KEYPAD

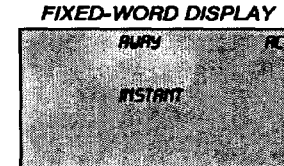**TYPICAL "ARMED MAXIMUM" DISPLAYS**

ALPHA DISPLAY

```
ARMED *MAXIMUM*
YOU MAY EXIT NOW
```
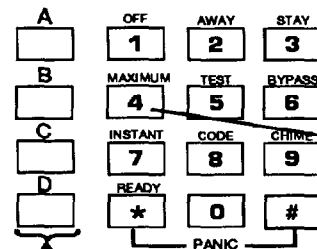
THE MAXIMUM KEY
ARMS THE ENTIRE
SYSTEM (INCLUDING
THE MAIN DOOR, WITH
NO ENTRY DELAY)

FIXED-WORD DISPLAY

THESE KEYS NOT PRESENT
ON ALL CONSOLES

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DISARMING THE SYSTEM AND SILENCING ALARMS

Using the
1 OFF Key

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 console will beep rapidly upon your entering, indicating that an alarm has occurred during your absence. LEAVE IMMEDIATELY, and CONTACT THE POLICE from a nearby safe location.
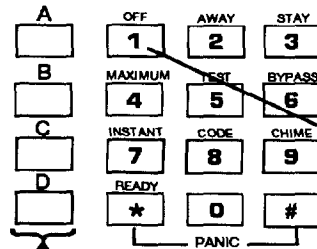
1. **To disarm the system and silence burglary alarms,** enter your security code and press the **OFF** key. The Ready message will be displayed and the console will beep once to confirm that the system is disarmed.

   To Silence a FIRE alarm, simply press the **OFF** key. The security code is not needed to silence FIRE alarms.

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

2. If an alarm has occurred, and the premises is safe to reenter, note the zone number displayed on the console and repeat step 1 to restore the Ready message display (to clear the "Memory of Alarm"). If the Ready message will not display, go to the displayed zone and remedy the fault (close windows, etc.). If the fault cannot be remedied, notify the alarm agency.

TYPICAL CONSOLE KEYPAD

A
B
C
D

THESE KEYS NOT PRESENT
ON ALL CONSOLES

OFF	AWAY	STAY
1	2	3
MAXIMUM	TEST	BYPASS
4	5	6
INSTANT	CODE	CHIME
7	8	9
READY		
*	0	#

— PANIC —

TO DISARM SYSTEM:
• ENTER CODE
• PRESS OFF KEY

TYPICAL DISPLAYS

ALPHA DISPLAY

* * * * DISARMED * * * *
READY TO ARM

FIXED-WORD DISPLAY

AC

READY

– 20 –

CHIME MODE

Using the
9 CHIME Key

This feature can be used
only while the burglary
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. 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.

TYPICAL CONSOLE KEYPAD

TYPICAL "CHIME MODE" DISPLAYS

ALPHA DISPLAY

DISARMED CHIME
READY TO ARM

FIXED-WORD DISPLAY

AC
CHIME

READY
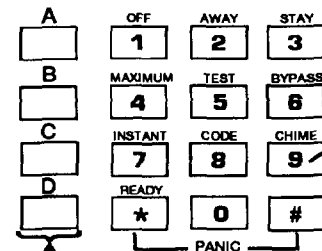
TO TURN CHIME MODE
ON/OFF:
• ENTER CODE
• PRESS CHIME KEY

A   OFF   AWAY   STAY
     1   2   3
B   MAXIMUM TEST   BYPASS
     4   5   6
C   INSTANT CODE   CHIME
     7   8   9
D   READY
     *   0   #
              PANIC

THESE KEYS NOT PRESENT
ON ALL CONSOLES

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PANIC KEYS

Using Panic Keys
(for manually activating silent and/or audible alarms)

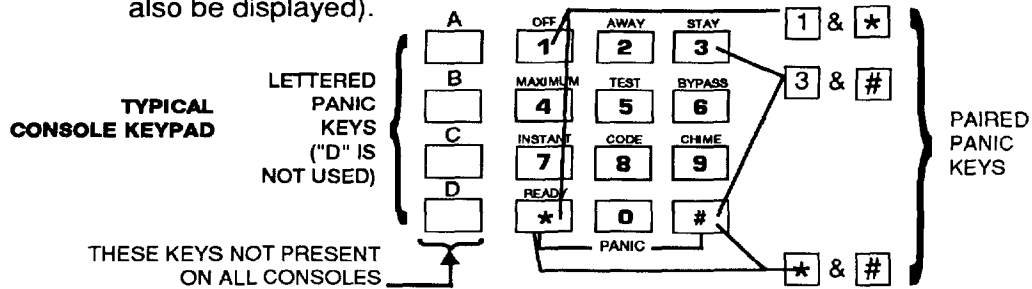| TO INITIATE A PANIC FUNCTION AT ANY TIME OF DAY OR NIGHT: |
|---|
| Press both keys of an active pair at the same time, or Press an active lettered key for at least two seconds. |

Your system may have been programmed to use special keys or combinations 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 will send a silent alarm signal to the central station, but there will be no audible alarms or visual displays.

An audible emergency will sound a loud, steady alarm at your console(s) and at any external sounders that may be connected (ALARM plus a zone number would also be displayed).

A personal emergency alarm will send an emergency message to the central station (if connected) and will sound at console(s), but not at external bells or sirens.

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

TYPICAL CONSOLE KEYPAD

LETTERED PANIC KEYS ("D" IS NOT USED)

THESE KEYS NOT PRESENT ON ALL CONSOLES

PAIRED PANIC KEYS

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(continued)

PANIC KEYS

SEE YOUR INSTALLER
AND NOTE HERE
THE PANIC KEY FUNCTIONS
PROGRAMMED FOR YOUR SYSTEM

PANIC KEY(S)	PROGRAMMED FUNCTION	ZONE NUMBER
[1] & [✳]		95
[✳] & [#]		07
[3] & [#]		96
[A]		95
[B]		07
[C]		96

KEY [D], IF PRESENT ON YOUR CONSOLE, IS NOT ACTIVE HERE.

OUTPUT RELAY OPTIONS

Programmed Actions

(In response 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

TESTING THE SYSTEM

TO BE CONDUCTED WEEKLY

Using the | **5** | **TEST Key**

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

NO ALARM REPORTS WILL BE SENT to the central monitoring station while the system is in Test mode.

1. Disarm the system and close all protected windows, doors, etc. The console'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. The outside siren or bell will sound for one second **(if it does not, CALL FOR SERVICE IMMEDIATELY).** The console will sound a single beep every minute as a reminder that the system is in Test mode. Each time a protection zone is faulted (opened), the console should sound 3 beeps.

TYPICAL CONSOLE KEYPAD

A

B

C

D

OFF	AWAY	STAY
1	2	3
MAXIMUM	TEST	BYPASS
4	5	6
INSTANT	CODE	CHIME
7	8	9
READY		
*	0	#

— PANIC —

USE THE **TEST** KEY TO TEST YOUR SYSTEM WEEKLY

THESE KEYS NOT PRESENT ON ALL CONSOLES

TYPICAL DISPLAYS

ALPHA DISPLAY

* * * * DISARMED * * * *
READY TO ARM

FIXED-WORD DISPLAY

AC

READY

– 24 –
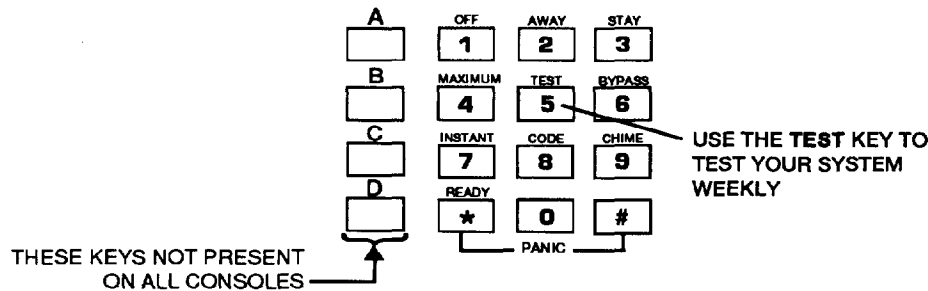
(continued)

TESTING THE SYSTEM

Testing Your
System

1. Open and close each protected door and window in turn and listen for the required sound (3 beeps). The identification of each faulted protection point should appear on the display.

2. 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 units will send signals out only if they have been inactive for 3 minutes.

3. 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.

4. After all protection points have been checked and restored, there should be no zone identification numbers displayed. **If a problem is experienced with any protection point (no confirming sounds, no display), CALL FOR SERVICE IMMEDIATELY.**

5. Turn off the Test mode by entering the security code and pressing the **OFF** key.

TROUBLE CONDITIONS

"Check" and "Battery" Displays

The word **CHECK** on the console's display, accompanied by a "beeping" at the console, 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 (user code plus OFF key) twice. **If the display persists, CALL FOR SERVICE IMMEDIATELY.**

* Not all systems use wireless sensors.

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 IMMEDIATELY if this occurs.**

TYPICAL "CHECK" DISPLAYS

IF YOU CANNOT
CORRECT A
"CHECK"
DISPLAY, CALL
FOR SERVICE

ALPHA DISPLAY

CHECK 06 FRONT
UPSTAIRS BEDROOM

FIXED-WORD DISPLAY

06   AC

CHECK
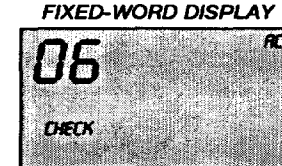
(continued)

TROUBLE CONDITIONS

3. **A display of "BAT" with no zone number** indicates that the main standby battery in your control is weak. **If this condition persists for more than one day (with AC present), CALL FOR SERVICE.**

4. **A display of "BAT" with a zone number and a once per minute "beeping" at the Console** indicates that a low battery condition exists in the wireless sensor displayed(zone "00" indicates a wireless keypad). **Either replace the battery yourself, or CALL FOR SERVICE.** If the battery is not replaced within 30 days, a **CHECK** display may occur.

   Some wireless sensors contain non-replaceable long-life battery which requires replacement of the entire unit at the end of battery life (e.g., 5802 Pendant and 5802CP Belt Clip Personal Emergency Transmitters and 5803 Wireless Key Transmitters).

Power Failure **If there is no console display at all, and the POWER indicator (if present) is not lit,** operating power for the system has stopped and the system is inoperative. **CALL FOR SERVICE IMMEDIATELY.**

If the message "AC LOSS" or "NO AC" is displayed, and the POWER indicator (if present) is off, 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.**

(continued) # TROUBLE CONDITIONS

Other Displays dl: If this remains displayed for more than 1 minute, your system is disabled.
Fixed Word   **CALL FOR SERVICE IMMEDIATELY.**
Consoles CC: The system is in communication with the central station for change of function or status verification. **If this message persists for more than 10 minutes, CALL YOUR SERVICE COMPANY.**

FC: A communication failure has occurred. **CALL FOR SERVICE IMMEDIATELY.**

OC: The console is not receiving signals from the control panel and sees an open circuit. *If this message persists for more than 10 minutes,* **CALL YOUR SERVICE COMPANY.**

Partitioned System

☐ Ask your installer if yours is part of a Partitioned System, and if so, check here.

If your system is part of a Partitioned System, it can share one physical alarm system between two different users, each with their own requirements (e.g., the occupants of a two family house). When so-configured, each partition operates independently of the other, but from time to time display messages may appear temporarily on a console which indicate the other partition is in use (e.g., during testing by an installer). Do not be concerned. This is normal.

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 sound from the Console. An interrupted sound will also 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) as indicated on page 22.

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 Console.

(continued)

FIRE ALARM SYSTEM
IF INSTALLED

Silencing Fire Alarms

1. Silence the alarm by pressing the **OFF** key (security code not needed to silence fire alarms). To clear the display, enter your code and press the **OFF** key again (Memory of Alarm).

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.

> "Approval of the panel's burglar alarm functions does not fall within the (California) State Fire Marshal's area of jurisdiction."
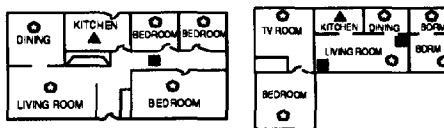
NATIONAL FIRE PROTECTION ASSOCIATION RECOMMENDATIONS ON SMOKE DETECTORS

General 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 Detectors for Minimum Protection
○ Smoke Detectors for Additional Protection
▲ Heat Activated Detectors

MAXIMUM FLOOR COVERAGE- DETECTORS AT TOP OF STAIRWELLS
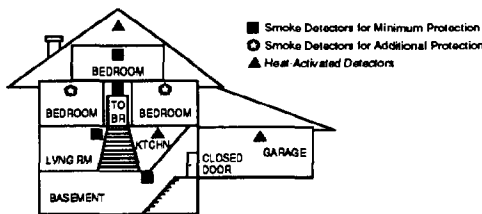
EMERGENCY EVACUATION

Steps to Safety

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.

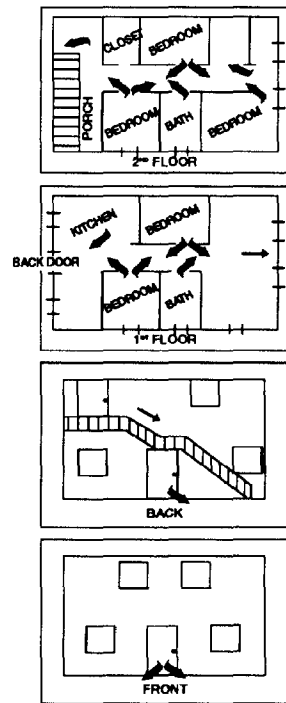2. Determine two means of escape from each room. One path of escape should lead to the door that permits normal exit from the building. The other may be a window, should your path be unpassable. Station an escape ladder at such windows if there is a long drop to the ground.

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.

QUICK GUIDE TO ALARM 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.
Quick Bypass (if programmed)	Enter code. Press BYPASS key.	Bypasses all faulted zones automatically.
Silence Sounders Burglary: Fire: "Check":	Enter code. Press OFF key. Press OFF key. Press any key.	Also disarms system. Memory of alarm remains until cleared. Memory of Alarm remains until cleared. Determine cause. See Page 26.
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.	Console will beep rapidly upon entry if alarm has occurred. Alarm display will remain upon disarming until cleared.
Duress (if connected to central station)	Arm or disarm "normally", but with 4th digit of code increased by "1."	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., (if no A,B, or C on your console) press keys [1] & [*], or [*] & [#], or [3] & [#], both at same time.	See Page 22 for functions programmed for your system.
Chime Mode	*To turn ON or OFF:* Enter code. Press CHIME key.	Console will sound if doors or windows are violated while system is disarmed and chime mode is ON.
Test Mode	*To turn ON:* Enter code. Press TEST key. *To turn OFF:* Enter code. Press OFF key.	Tests alarm sounder and allows sensors to be tested.

SUMMARY OF AUDIBLE/VISUAL NOTIFICATION
(ALPHA DISPLAY CONSOLES)

SOUND	CAUSE	DISPLAY
LOUD, INTERRUPTED* Console & External	FIRE ALARM	**FIRE** is displayed; descriptor of zone in alarm is displayed.
LOUD, CONTINUOUS* Console & External	BURGLARY/AUDIBLE EMERGENCY ALARM	**ALARM** is displayed; descriptor of 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. **DISARMED/READY TO ARM** is displayed. Green READY indicator (if present) is lit. b. The number and descriptor of the open protection zone is 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 SHORT BEEP (Once every 60 seconds) Console only	SYSTEM IS IN TEST MODE	Open Zone identifications will appear.
ONE BEEP every 60 sec. Console only	a. LOW BATTERY AT A XMTR b. SYSTEM MAIN BATT. 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 Console only	ARM AWAY OR MAXIMUM	**ARMED AWAY** or **ARMED MAXIMUM** is displayed. Red ARMED indicator is lit.
THREE SHORT BEEPS Console only	a. ARM STAY OR INSTANT b. ZONE OPENED WHILE SYS- TEM IS IN CHIME MODE c. ZONE OPENED WHILE SYS- TEM IS IN TEST MODE	a. **ARMED STAY** or **ARMED INSTANT ZONE BYPASSED** is displayed. Red ARMED indicator is lit. b. **CHIME** displayed. Pressing ∗/READY key will display descriptor of opened zone. c. Open protection zone descriptor is displayed.
RAPID BEEPING Console Only	MEMORY OF ALARM	**FIRE** or **ALARM** is displayed; descriptor of zone in alarm is displayed.
SLOW BEEPING Console only	ENTRY DELAY WARNING	**DISARM SYSTEM OR ALARM WILL OCCUR** is displayed. 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.
Note: Also see *Power Failure* under *TROUBLE CONDITIONS* on page 27.

SUMMARY OF AUDIBLE/VISUAL NOTIFICATION
(FIXED WORD DISPLAY CONSOLES)

SOUND	CAUSE	DISPLAY
LOUD, INTERRUPTED* Console & External	FIRE ALARM	FIRE and ALARM are 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 displayed. Green READY indicator (if present) is lit. b. NOT READY is displayed, open protection zone number is displayed. Green READY indicator (if present) is not lit. c. The bypassed protection zone numbers are displayed. (One beep for each number displayed.) BYPASS displayed.
ONE SHORT BEEP (Once every 60 seconds) Console only	SYSTEM IS IN TEST MODE	Open Zone identifications will appear.
ONE BEEP every 60 sec. Console only	a. LOW BATTERY AT A XMTR b. SYSTEM MAIN BATT. 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 Console only	ARM AWAY OR MAXIMUM	AWAY and (if MAXIMUM) INSTANT are displayed indicator is lit.
THREE SHORT BEEPS Console only	a. ARM STAY OR INSTANT b. ZONE OPENED WHILE SYSTEM IS IN CHIME MODE c. ZONE OPENED WHILE SYSTEM IS IN TEST MODE	a. STAY and (if INSTANT) INSTANT are displayed. Red ARMED indicator is b. CHIME displayed. Pressing */READY key will display opened zone. c. Open protection zone number is displayed.
RAPID BEEPING Console only	MEMORY OF ALARM	FIRE and/or ALARM is displayed; zone in alarm is displayed.
SLOW BEEPING Console only	ENTRY DELAY WARNING	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.
Note: Also see *Power Failure* under *TROUBLE CONDITIONS* on page 27.

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 number can be used)*. For example, the sensing device on your Entry/Exit door may have been assigned to zone 06, sensing devices on windows in the master bedroom to zone 10, and so on.

Zone numbers 07, 95 and 96 represent Console Keypad "Panic" alarm functions assigned by the installer (see Page 22). 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	Zone Description
01	17	34	51
02	18	35	52
03	19	36	53
04	20	37	54
05	21	38	55
06	22	39	56
07 Key B (or: ✶ & #) Panic	23	40	57
	24	41	58
08 –Duress–	25	42	59
09 –Tamper–	26	43	60
10	27	44	61
11	28	45	62
12	29	46	63
13	30	47	95 Key A (or 1 & ✶) Panic
14	31	48	
15	32	49	96 Key C (or 3 & #) Panic
16	33	50	

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 System: 4111XM   via30   (circle one)

Type of Alarm: ❑ Burglary   ❑ Fire   ❑ Both

Installed by: _____ Serviced by: _____

                          name   name

_____   _____

                      address   address

B. NOTIFIES (Insert B for Burglary, F for Fire, where appropriate):

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 _____

continued on other side

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OWNER'S INSURANCE PREMIUM
CREDIT REQUEST (cont.)

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: _____

CANADIAN DEPARTMENT OF COMMUNICATIONS (DOC) STATEMENT

NOTICE

The Canadian Department of Communications label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements. The Department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. In some cases, the company's inside wiring associated with a single line individual service may be extended by means of certified connector assembly (telephone extension cord). The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

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

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

Caution: User should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

The Load Number (LN) assigned to each terminal device denotes the percentage of the total load to be connected to a telephone loop which is used by the device, to prevent overloading. The termination on a loop may consist of any combination of devices subject only to the requirement that the total of the Load Numbers of all the devices does not exceed 100.

AVIS

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

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

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

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

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

L'indice de charge (IC) assigné à chaque dispositif terminal pour éviter toute surcharge indique le pourcentage de la charge totale qui peut être raccordé à un circuit téléphonique fermé utilisé par ce dispositif. La terminaison du circuit fermé 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.

UL NOTICE: This is a "Grade A" Residential System.

FEDERAL COMMUNICATIONS COMMISSION (FCC) Part 15 STATEMENT

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

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

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

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user or installer may find the following booklet prepared by the Federal Communications Commission helpful:

"Interference Handbook"

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

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

IN THE EVENT OF TELEPHONE OPERATIONAL PROBLEMS

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

FEDERAL COMMUNICATIONS COMMISSION (FCC) Part 68 STATEMENT

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

This equipment uses the following jacks: An RJ31X is used to connect this equipment to the telephone network.

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

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

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

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

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

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

This equipment is hearing-aid compatible.

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

WARNING!
THE LIMITATIONS OF THIS ALARM SYSTEM

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

- Intruders may gain access through unprotected openings or have the technical sophistication to bypass an alarm sensor or disconnect an alarm warning device.
- Intrusion detectors (e.g. passive infrared detectors), smoke detectors, and many other sensing devices will not work without power. Battery operated devices will not work without batteries, with dead batteries, or if the batteries are not put in properly. Devices powered solely by AC will not work if their AC power supply is cut off for any reason, however briefly.
- Signals sent by wireless transmitters may be blocked or reflected by metal before they reach the alarm receiver. Even if the signal path has been recently checked during a weekly test, blockage can occur if a metal object is moved into the path.
- A user may not be able to reach a panic or emergency button quickly enough.
- While smoke detectors have played a key role in reducing residential fire deaths in the United States, they may not activate or provide early warning for a variety of reasons in as many as 35% of all fires, according to data published by the Federal Emergency Management Agency. Some of the reasons smoke detectors used in conjunction with this System may not work are as follows. Smoke detectors may have been improperly installed and positioned. Smoke detectors may not sense fires that start where smoke cannot reach the detectors, such as in chimneys, in walls, or roofs, or on the other side of closed doors. Smoke detectors also may not sense a fire on another level of a residence or building. A second floor detector, for example, may not sense a first floor or basement fire. Moreover, smoke detectors have sensing limitations. No smoke detector can sense every kind of fire every time. In general, detectors may not always warn about fires caused by carelessness and safety hazards like smoking in bed, violent explosions, escaping gas, improper storage of flammable materials, overloaded electrical circuits, children playing with matches, or arson. Depending upon the nature of the fire and/or the locations of the smoke detectors, the detector, even if it operates as anticipated, may not provide sufficient warning to allow all occupants to escape in time to prevent injury or death.
- Passive Infrared Motion Detectors can only detect intrusion within the designed ranges as diagrammed in their installation manual. Passive Infrared Detectors do not provide volumetric area protection. They do create multiple beams of protection, and intrusion can only be detected in unobstructed areas covered by those beams. They cannot detect motion or intrusion that takes place behind walls, ceilings, floors, closed doors, glass partitions, glass doors, or windows. Mechanical tampering, masking, painting or spraying of any material on the mirrors, windows or any part of the optical system can reduce their detection ability. Passive Infrared Detectors sense changes in temperature; however, as the ambient temperature of protected area approaches the temperature range of 90° to 105°F, the detection performance can decrease.

(continued) WARNING! THE LIMITATIONS OF THIS ALARM SYSTEM

• 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 much 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, as well as 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, thus allowing time to arrange a change of battery to maintain protection for that given 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

SERVICING INFORMATION

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

NAME: _____ PHONE: _____

ADDRESS: _____

_____

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, 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 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.

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