





CHIME     INST     OPT A  
 PWR     INT A  
 ON     INT B     OPT B

HOME 1	ALL 2	OFF 3	CTRL A 
INT A 4	INT B 5	INST 6	FIRE 
CHIME 7	BYPS 8	CODE 9	MEDIC 
CLR *	TEST 0	ENTR #	EMERG 

westec



## THE WESTEC 4000 USER'S MANUAL

### WELCOME TO WESTEC

Welcome to the family of Westec Security, the leader in residential security systems.

Your system was designed specifically with your family and home in mind, and reflects the latest in home security technology. Its simple-to-operate features provide you with convenient, 'round-the-clock protection.

We are certain that your Westec system will provide you and your family with years of quality security and peace of mind. Please contact your local Westec office for technical assistance, additional manuals or information on other Westec products and services.

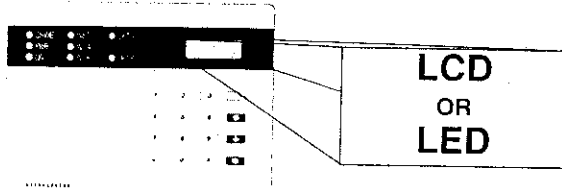
We look forward to protecting and serving you, our valued client.

# IMPORTANT DEFINITIONS

As you read through this manual, you will find the following terms most frequently used. Please see the glossary for additional terms.

**Keypad:** Any of three different keypads are available on the Westec 4000 System: either the LCD, LED or OAT.

## Display Keypad:

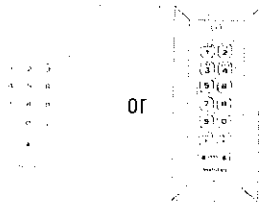


Liquid Crystal Display (LCD) display screen :  
The LCD display screen provides two lines (16 characters each) of text messages that describe functions & alarm activations.

OR

Light Emitting Diode (LED) display screen :  
The LED display screen provides one line (3 characters) of zone status and other abbreviated messages.

## OAT Keypad



Outside Access Terminal : —  
A keypad made exclusively for the outside of the home.

## IMPORTANT DEFINITIONS (Continued)

HOW TO USE THIS MANUAL 1-1

- ARM:** Turning on protective devices.
- DISARM:** Turning off protective devices.
- ENABLE:** Turning on selected features.
- DISABLE:** Turning off selected features.
- RESET:** Silencing an alarm sound and/or cancelling a false alarm activation.
- PROTECTIVE DEVICE:** Any individual door, window or interior sensor.
- ZONE:** The identified location of one or more protective devices on the system.

## Cleaning Keypads

To clean your keypads, use a soft dry cloth. Do not use a liquid cleaner, which can damage the keypad components.

## Cleaning Interior Devices

If you have smoke detectors, motion detectors, or other interior protective devices, they should be cleaned regularly (every 12 months). Consult your service department for guidance. Also, keep hazardous materials away from all protective devices and be aware of other household items that may damage them or block their signal or beam.

## Cleaning Security Screens

If you have security screens, please remove them carefully when cleaning them. Do not use abrasive materials, and be sure to replace each screen exactly where and how it was installed. No two screens have identical wiring.

## **TESTING YOUR SYSTEM REGULARLY**

IMPORTANT USER INFORMATION 2-3

As part of the basic care and maintenance of your system, and to assure that your system is working properly, you should test the system regularly. Westec recommends weekly.

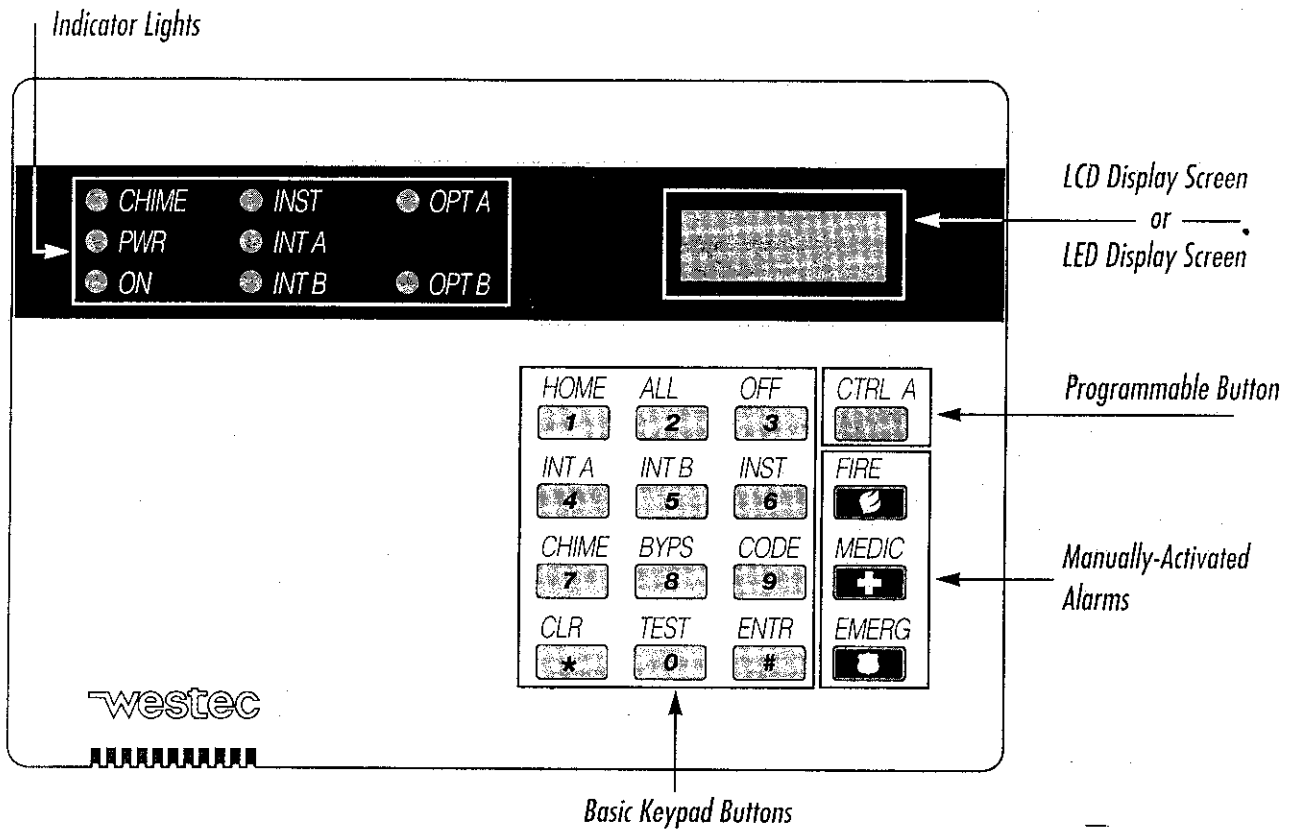
While in the test mode, the system will test all alarm sounds, batteries and the communication link with the Communications Center.

The system will automatically return to its normal state after completing the test.

The test lasts approximately ten minutes. You may stop the test at any time. (See "Basic Display Keypad Functions O-TEST" for the procedure to start or stop a test.)

Shortly after the communication part of the test is complete, you should receive a call from the Westec Communications Center, advising you that the test signal was received. If you do not receive the call back, please call the Communications Center.

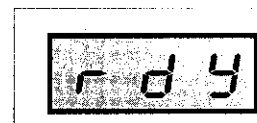
# THE DISPLAY KEYPAD



## BEFORE ARMING YOUR SYSTEM

GETTING STARTED 3-1

- Check to see that the green PWR indicator light is on.
- Make sure all windows and doors are properly closed, and that no objects are blocking interior protective devices (i.e., a chair on a mat, a plant in front of a beam).
- Check the Display Keypad
  - The LCD Display Screen will show "READY". If any zone is not securely closed the LCD Display Screen will describe that zone(s) with text messages. You will also hear an error tone when you try to arm the system.
  - The LED Display Screen will show "rdY". If any zone is not properly secured, a numeric readout on the LED Display Screen will show which zone(s) to close. You will also hear an error tone when you try to arm the system.
- If you cannot locate the source of the trouble, call the service department for assistance.



BASIC DISPLAY KEYPAD FUNCTIONS

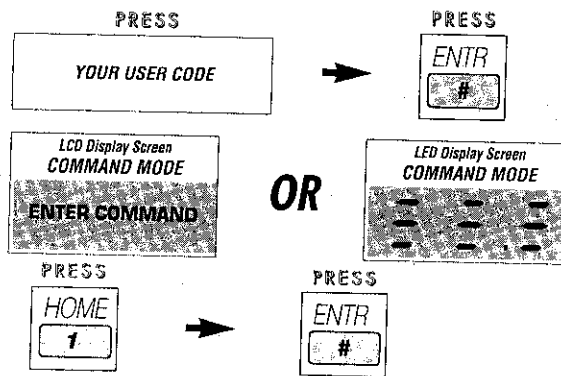
1 - HOME.....4-1  
 2 - ALL.....4-2  
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 8 - BYPS.....4-8  
 9 - CODE.....4-10  
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1-HOME

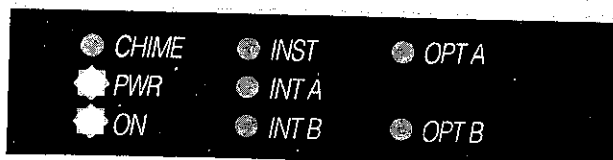
ARMING YOUR PERIMETER PROTECTION

This feature allows you to arm your perimeter protection (i.e., doors and windows) while you are inside. It leaves the interior protection disarmed and allows free movement inside your home.

To arm, after properly closing all perimeter protective devices (i.e., doors and windows):



**RESULT:** The ON indicator light will illuminate:

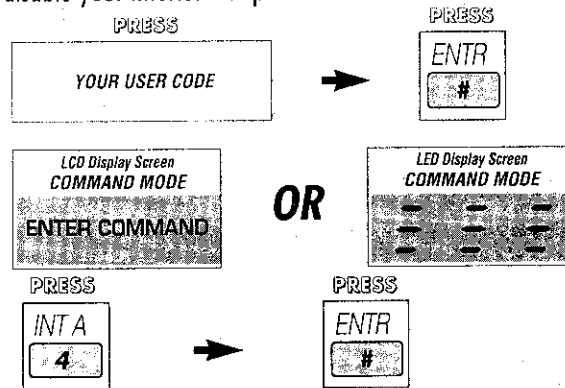


# 4-INT A (INTERIOR A)

## ENABLING/DISABLING INTERIOR "A" PROTECTIVE DEVICES

This feature allows you to enable/disable your interior "A" protection. It will also allow you to arm your interior "A" protection, but only when your exterior protection is already armed.

To enable/disable your interior "A" protection:



**RESULT:** When enabled, the INT A indicator light will illuminate:

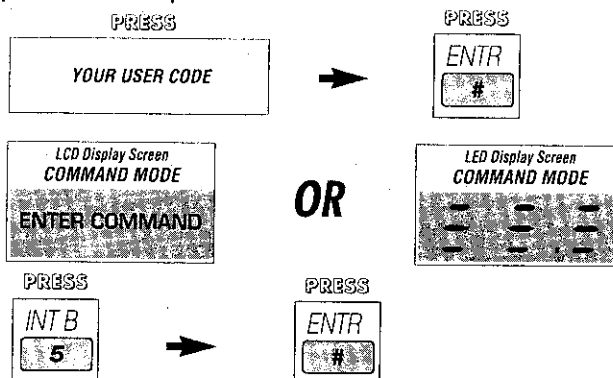


# 5-INT B (INTERIOR B)

## ENABLING/DISABLING INTERIOR "B" PROTECTIVE DEVICES

This feature allows you to enable/disable your interior "B" protection. It will also allow you to arm your interior protection, but only when your exterior protection is already armed.

To enable/disable your interior "B" protection:



**RESULT:** When enabled, the INT B indicator light will illuminate:



# 8-BYPS (BYPASS)

## BYPASSING ZONES

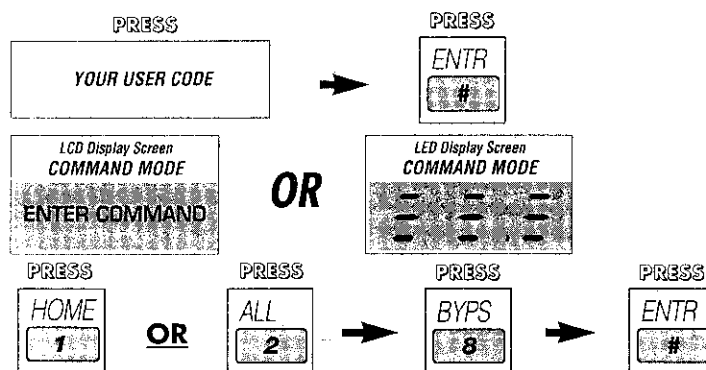
### First Method: System Disarmed

This feature allows you to arm the system and, at the same time, bypass any door or window that is left open or unsecured.

On the Display Keypad the open zone(s) to be bypassed will show:

- On the LCD Display Screen as a text message
- On the LED Display Screen as a Zone number

To bypass, be sure the door or window is open/unsecured, then:



- RESULT:**
- The LCD Display Screen will show "BYPASSED"
  - The LED Display Screen will show "bYP"

**NOTE:** When using this bypass method, be aware that all open/unsecured zones will automatically be bypassed and remain bypassed until you disarm the system.

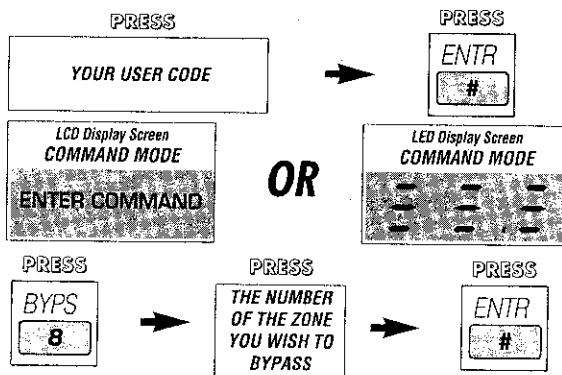
## 8-BYPS (BYPASS) (Continued)

## BYPASSING ZONES

### Second Method: System Armed

This feature allows you to bypass any door or window after the system has been armed.

**NOTE:** In order to bypass using this method, you must know the zone number(s) to be bypassed.



While in the command mode, repeat the last three steps for each additional zone to be bypassed.

- RESULT:**
- The LCD Display Screen will show "BYPASSED"
  - The LED Display Screen will show "bYP"

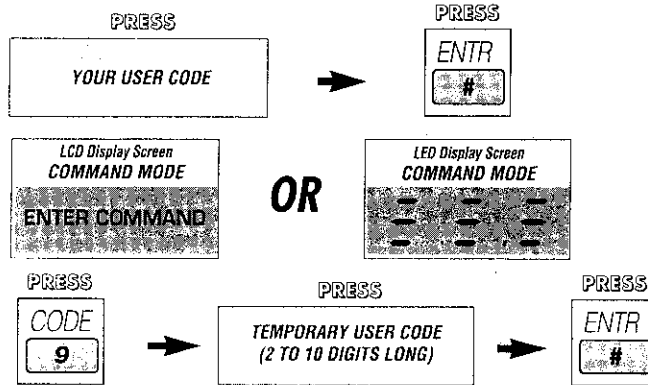
**NOTE:** These zones will remain bypassed until you disarm the system.

### CREATING/CHANGING A TEMPORARY USER CODE

This feature allows you to create and enable/disable a temporary user code, sometimes called a "secondary access code" or "maid's code." It is most often used when you want to allow someone temporary access to your system.

A temporary user code can be any combination of numbers, 2 to 10 digits in length.

To create/change a temporary user code:

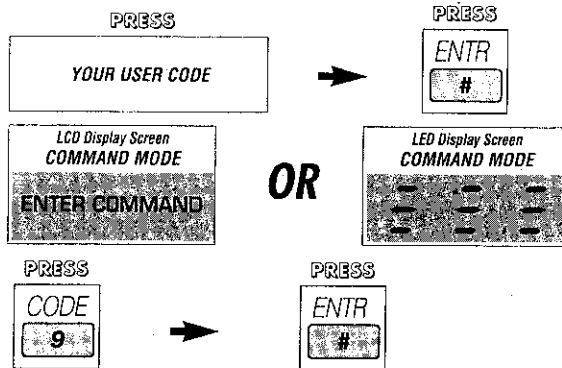


**RESULT:** No response.

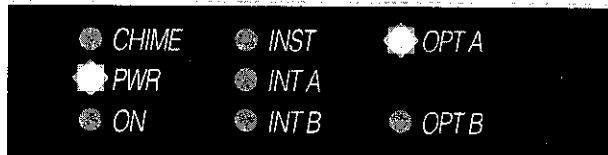
**NOTE:** The temporary user code must be enabled to be used (see next page).

### ENABLING/DISABLING A TEMPORARY USER CODE

To enable or disable the temporary user code:



**RESULT:** When enabled, an indicator light (when programmed, OPT A or OPT B) will illuminate:



**NOTE:** After enabling/disabling this feature, you should test the temporary user code to verify its status.



**OTHER STANDARD FEATURES**

*Manually-Activated Alarms (Standard)*.....5-1

*Quick Arm Function*.....5-2

*Quick Enable Function*.....5-3

*Quiet Mode*.....5-4

*System Status*.....5-6

*Chime Bypass*.....5-7

**MANUALLY-ACTIVATED ALARMS (STANDARD)**

**FIRE, MEDICAL, EMERGENCY**

These buttons allow you to manually activate three different alarm types 24 hours a day, as long as the system has power, whether it is armed or disarmed.

Unless programmed otherwise, you do not need to enter your user code before activating these alarms.

To activate these alarms (unless otherwise programmed):

PRESS TWICE



OR

PRESS TWICE



OR

PRESS TWICE



**RESULT:**

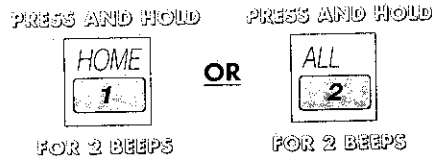
The alarm will sound with a loud tone, and the Display Screen will confirm the alarm type and location. The system will send this information to the Communications Center, and based on the information contained in your confidential file, the Communications Center will proceed accordingly.

*It is recommended that you dial 911 (or your local emergency telephone number, if different than 911) prior to activating one of these alarms.*

# QUICK ARM FUNCTION

## ARMING THE SYSTEM WITHOUT YOUR USER CODE

This function allows you to arm your system without using your user code. The quick function allows you to arm the system, not disarm it. (See pages 4-1 through 4-3.)



**RESULT:** The appropriate indicator light(s) will confirm status.

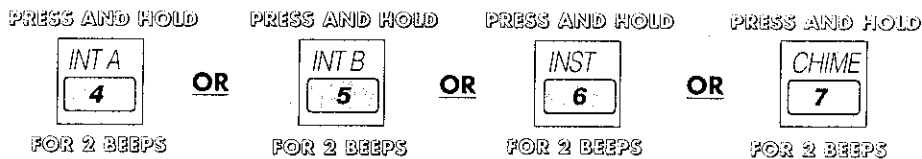
## 5-2 OTHER STANDARD FEATURES

## QUICK ENABLE FUNCTION

### ENABLING BASIC FEATURES WITHOUT YOUR USER CODE

This function allows you to enable four basic features without using your user code. The quick function allows you to enable these features, not disable them. (See pages 4-4 through 4-7.)

To enable one of these features:



**RESULT:** The appropriate indicator light will confirm status.

OPTIONAL/ADDITIONAL FEATURES

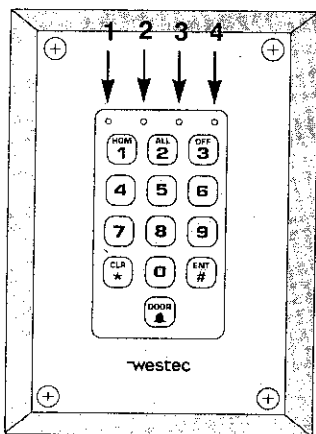
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OUTSIDE ACCESS TERMINAL (OAT)

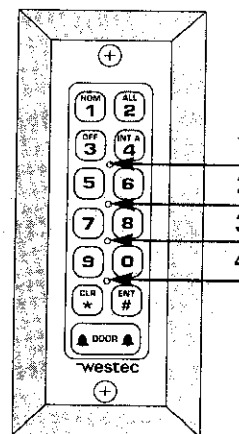
EXTERIOR KEYPAD

OPTION INSTALLED

The Outside Access Terminal (OAT) allows you to operate basic keypad functions and determine the status of your security system when entering or leaving your home. The OAT contains a programmable doorbell, as well as four different indicator lights to assist in system operation and status.



- Indicator light 1 illuminated:**  
System is armed.
- Indicator light 2 illuminated:**  
System is ready to be armed. All zones secured.
- Indicator light 3 illuminated:**  
Interior protection enabled.
- Indicator light 4 illuminated:**  
The programmable function assigned to this light is enabled.



**NOTE:** If the second indicator light on the OAT is flashing, this is a **WARNING INDICATOR** that there has been an alarm activation. **DO NOT** enter your home. Contact the Communications Center.

# FIRE SYSTEM (Continued)

## TYPICAL FIRE SYSTEM INSTALLATION PLANS

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 bedroom and outside each sleeping area;
- Heat or smoke detectors in living rooms, dining rooms, kitchens, hallways, attics, furnace rooms, closets, utility and storage rooms, basements and attached garages.

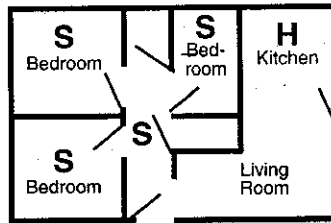
**NOTE:** If hallways exceed 20 feet, multiple smoke detectors are necessary.

For additional information, you may contact one of the following agencies:

**National Fire Protection Association**  
Batterymarch Park  
Quincy, MA 02269

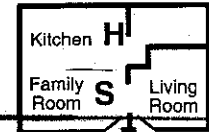
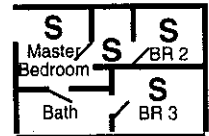
(California residents)  
**California State Fire Marshal**  
7171 Bowling Drive, Suite 800  
Sacramento, CA 95823

**Typical Installation Plan:**  
Legend: (S) Smoke Detector  
(H) Heat Detector



Single-story  
Typical Installation

Two-story  
Typical Installation



6-4 OPTIONAL/ADDITIONAL FEATURES

FIRE SYSTEM (Continued)

## EMERGENCY EVACUATION PLAN

Each member of the family must know exactly what to do in case of a fire. Advise your family of these steps to establish an evacuation plan.

- Survey all bedrooms and make certain that two escape routes are available for every family member. A ground floor window or a window opening onto a roof is a satisfactory second escape. Make sure the window opens easily and is easy to get through. If necessary, consider installing an escape ladder, cutting a door into an adjoining room or making other adjustments to make a second escape route available to everyone.
- Make a simple drawing of each room, indicating the escape plan to be followed.
- Explain the plan to each member of the family. Make certain that even very young children understand it.
- Conduct fire drills for the whole family.

# SPECIAL CHANNEL

OPTION  
INSTALLED

## 24-HOUR PROTECTION — LOCAL OR COMMUNICATING

This feature allows you to have 24-hour protection for a specific device(s) on your system, such as a security screen, gun cabinet or painting. The Special Channel is programmed at time of installation as to its exact specifications, and, when armed, provides round-the-clock protection, whether the rest of the system is armed or disarmed. Upon activation, the Special Channel can be local (non-communicating to the Communications Center), communicating, audible (loud tone), or silent.

Due to the nature of this custom feature, please consult your Westec representative for the exact specifications of your Special Channel.

6-8 OPTIONAL/ADDITIONAL FEATURES

CHAPTER 7

### RESETTING FALSE ALARM ACTIVATIONS AND TROUBLESHOOTING

#### Resetting Activations

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#### Troubleshooting

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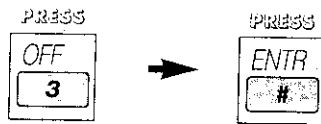
# BURGLARY ACTIVATIONS

To silence and reset a false alarm, in the event there is no actual burglary:



**RESPONSE:** The alarm is now reset, but the system is still armed. The alarm tone will stop, and the Display Screen will confirm that you are now in the command mode.

To disarm your perimeter (and interior) protection, while still in the command mode:



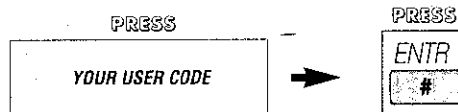
**RESULT:** The ON, INT A and INT B (if applicable) indicator lights will turn off.

## FIRE ALARM ACTIVATIONS

RESETTING FALSE ALARM ACTIVATIONS AND TROUBLESHOOTING 7-1

In the event there is no actual fire, first confirm which detector has activated the alarm.

To silence the alarm:



**RESPONSE:** The alarm will drop to a lower level tone, heard only through the Display keypad(s).

Then, to reset the fire alarm:



**RESULT:** The fire alarm will be silenced and reset.

**NOTE:** At this point, if the system (perimeter and interior) was armed, the above directions will also disarm it. Be sure to take care of the problem that activated the fire alarm in the first place; otherwise, the alarm may be re-activated. Contact the Communications Center to cancel the false alarm. Have your smoke detectors cleaned regularly (every 12 months).

## UNDERSTANDING THE MESSAGES AND INDICATORS ON THE DISPLAY SCREEN

Use the following guide for interpreting messages and indicators on the LED display screen.

<u>LCD DISPLAY SCREEN</u>	<u>LED DISPLAY SCREEN</u>	<u>CONDITION</u>
READY	rdY	All zones secured/system ready to be armed
BYPASSED	bYP	System is armed and one or more zones are bypassed
FIRE / ZONE ##	F ##	Fire Alarm Activation, Zone ##
BURGLARY / ZONE ##	A ##	Burglary Alarm Activation, Zone ##
MEDICAL / ZONE ##	H ##	Medical Alarm Activation, Zone ##
EMERGENCY / ZONE ##	E ##	Emergency Alarm Activation, Zone ##
SPECIAL / ZONE ##	I ##	Special Channel Activation, Zone ##
A.C. OFF	oAC	Main power is off — system is on battery back-up

NOTE: ## indicates a zone number

## UNDERSTANDING THE MESSAGES AND INDICATORS ON THE DISPLAY SCREEN (Continued)

<u>LCD DISPLAY SCREEN</u>	<u>LED DISPLAY SCREEN</u>	<u>CONDITION</u>
ERROR DISPLAY #	oDx	Problem with keypad
COMMUNICATION / ERROR	oO0	Problem between a keypad and the CPU (or with the CPU)
UNIT COVER	oUC	Tamper protection on the CPU has been violated
LOW BATTERY	oLb	Battery power is low
ALARM WAS ACTIVE	oOo	Warning Indicator - Alarm was activated and automatically reset itself
PHONE LINE 1	Ph1	Problem or temporary maintenance on phone line
DIALER TROUBLE	dLr	Problem with phone dialer
POWER SENSOR BYP	PbP	Zones are resetting after system power-up
REMOTE PROGRAM	PrG	Downloading or programming in progress
JMPR ON DTMF PIN	oDJ	Technician's equipment is still attached to the CPU
PATROL SWITCH	oPS	Trouble with the exterior patrol switch

NOTE: x indicates a keypad number

## ***IF YOUR PHONE IS NOT WORKING***

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As discussed throughout this manual, your system communicates alarm activations, test signals, and trouble conditions to the Communications Center via the phone line. The line that the system is connected to will be seized immediately when one of these conditions occur, and will remain in control of the system until it is finished communicating.

It is advised to have a second phone line installed. Contact the Westec service department for further information.



**WESTEC**

**5000S**

**4000**

**5000**

**TO ARM SYSTEM WITH MOTIONS ON:**

**PUSH AND HOLD ((2) *ALL*) KEY IN FOR TWO BEEPS.**

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**TO ARM SYSTEM WITH NO MOTIONS ON:**

**PUSH AND HOLD ((1) *HOME*) KEY IN FOR TWO BEEPS.**

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**TO DISARM SYSTEM**

**ENTER CODE \_\_\_\_\_ + ENTER + 3(OFF) +  
ENTER.**

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