

### ABOUT THIS MANUAL

This manual includes information on all standard and optional features available on the Westec 5000 system, and specifically with version 1.07 system software. Therefore, you may see some information about features you do not have. Please call your local Westec office for communications center procedures and for information on system upgrades and additions.

All information, specifications and illustrations in this manual are those in effect at the time of printing. Westec reserves the right to update the specifications or design at any time without notice.



UL Grade A when all sensor circuits are supervised.  
UL Approved

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part #K5066R





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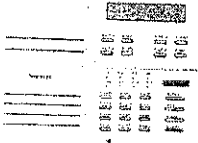
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## IMPORTANT DEFINITIONS

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

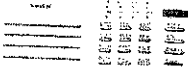
**Keypad:** Any one of three different Computer Access Terminals available on the Westec 5000: either the LCD, LED or OAT.

**LCD:**



(Liquid Crystal Display) The expanded keypad of the Westec 5000. The display screen on the upper portion of the LCD keypad provides alpha-numeric messages that describe programming functions and alarm activations.

**LED:**



(Light Emitting Diode) The basic keypad of the Westec 5000. Its display screen provides single or double-digit zone status, and other abbreviated indicator messages.

**OAT:**



(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.

**PROTECTIVE DEVICE:** Any individual door, window or interior sensor.

**ZONE:** The identified location of one or more protective devices on the system.

# HOW TO READ AND UNDERSTAND THE ILLUSTRATIONS

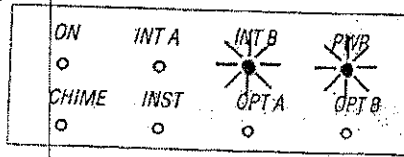
- WHEN FOLLOWING THE DIRECTIONS AND PERFORMING FUNCTIONS ON YOUR KEYPAD, EACH GRAPHIC IS A BUTTON PRESS (OR A COMBINATION OF BUTTONS ON YOUR KEYPAD, TELEPHONE OR OAT.)



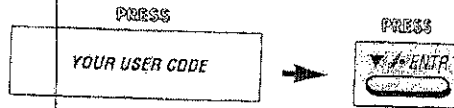
- THIS GRAPHIC → INDICATES "GO TO THE NEXT STEP."

- WHEN THE SYSTEM IS GIVING YOU A RESPONSE TO YOUR COMMANDS, IT MAY BE ILLUSTRATED WITH:

- A GRAPHIC TO SHOW AN INDICATOR LIGHT ILLUMINATING; OR
- WORDS TO DESCRIBE WHAT THE LED AND LCD DISPLAY SCREENS SHOW; OR
- WHAT THE VOICE SAYS; OR
- ANY COMBINATION



- THIS GRAPHIC IS USED WHEN YOU INPUT YOUR OWN UNIQUE COMBINATION



HOW TO USE THIS MANUAL 1-3  
**CHAPTER 2**

## IMPORTANT USER INFORMATION

Central Processing Unit (CPU).....	2-1
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# 2

## CENTRAL PROCESSING UNIT (CPU)

The Central Processing Unit (CPU), contained in a blue metal box, controls the system. It accepts all of the signals reporting from each part of your system, and automatically interprets them; then, if necessary, simultaneously warns you and notifies the communications center of the problem. The highly reliable and accurate Continuous State Circuit Analyzer monitors the integrity of the system's various components and protective devices.

The CPU provides 24-hour electronic protection to detect and report:

- **Burglary or Intrusion**
- **Fire, Medical, and Emergency**
- **Other Programmable Alarm Types**
- **System Test**
- **Low Battery**
- **Trouble in the Circuitry**

## CENTRAL PROCESSING UNIT (Continued)

IMPORTANT USER INFORMATION 2-1

### Back-up Battery

Your CPU also contains a heavy-duty battery that provides at least four hours of back-up power supply to the system in the case of main power loss or outage. This back-up battery automatically recharges when your main power is restored. The system automatically tests the back-up battery every 24 hours, or every time you perform a system test.

### Tamper Protection

You will seldom need to access your CPU. Therefore, the CPU has a locked access door, which contains a hidden Tamper switch that warns of any unauthorized entry.

### Downloading

Your system has the capability to be remotely accessed for reprogramming, troubleshooting, or service (on a limited basis) by an authorized Westec representative. Call your service department for more information about downloading when you require system programming or service.

### 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 communication link with the communications center.

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

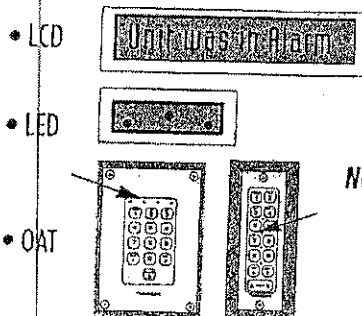
The test lasts approximately ten minutes. You may stop the test at any time (see "Basic Keypad Functions O-TEST" for the procedure to start or stop a test.)

Shortly after the test is completed, 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.

## WHAT HAPPENS IN AN ALARM ACTIVATION

Here is the normal sequence of events that occurs when your system has activated:

- 1) The CPU will determine the nature and location of the activation. A loud alarm will sound inside your home, warning the occupants, in all cases except Duress (and where otherwise programmed at installation.) If an activation has occurred at an opening that has an entry/exit delay, the system will sound a low-level alarm tone for the delay period. Then the system will go into full alarm.
- 2) The system will "seize" the phone line connected to it, and communicate all necessary signals to the communications center. Therefore, any phone call in process (on the same line) at the moment the alarm activates will be automatically terminated.\*
- 3) The communications center will receive your system's signals and take actions accordingly. These actions may include: calling your home to verify the activation as an actual emergency, dispatching the proper authorities, and calling any emergency contacts on your confidential file.
- 4) Warning indicators:



**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.

\* While the system is communicating, you will be unable to use the same telephone line to make other calls, such as calls to an emergency or 911 operator. Therefore, you may wish to have the system connected to a separate telephone line.

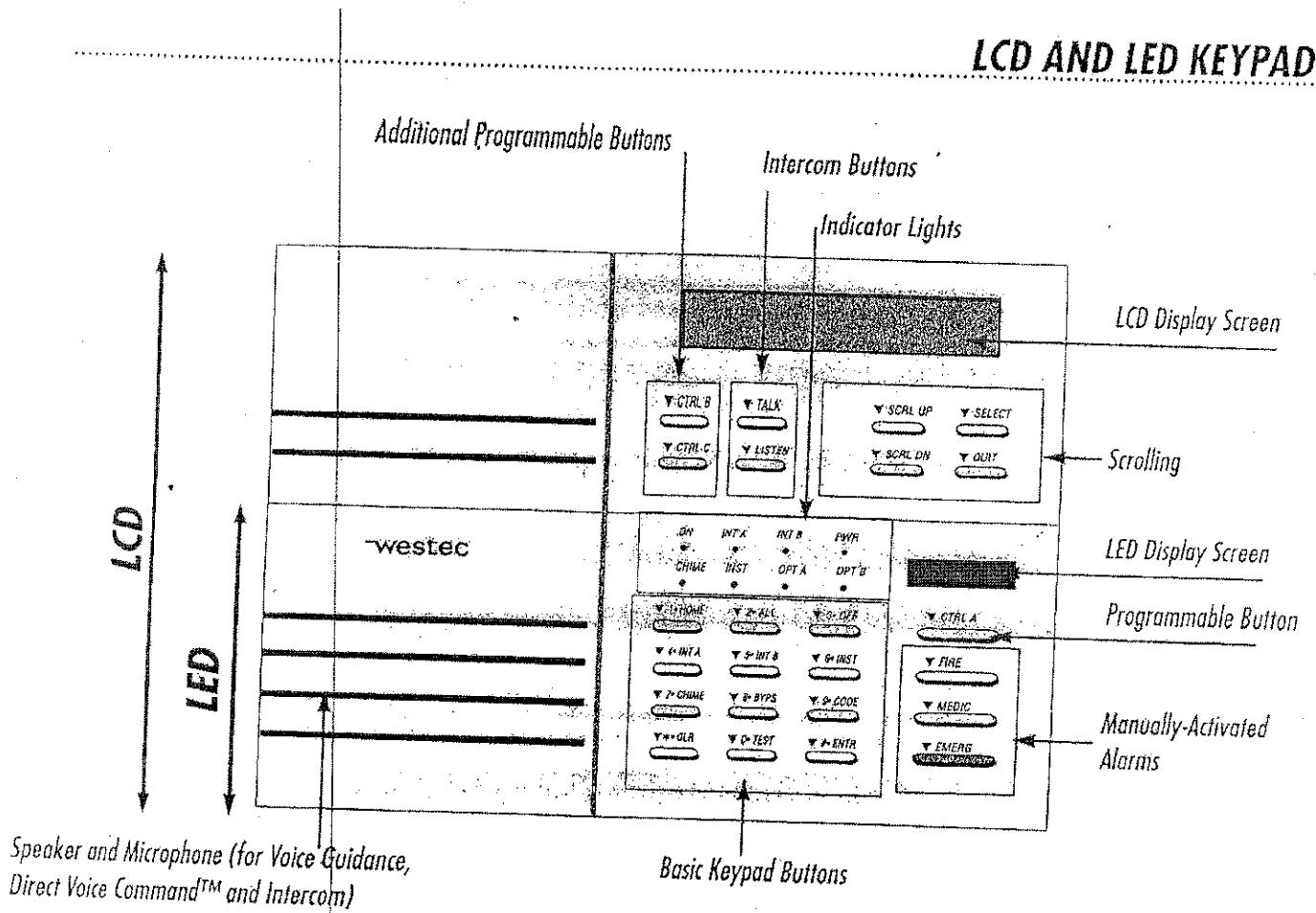
IMPORTANT USER INFORMATION 2-5  
**CHAPTER 3**

### GETTING STARTED

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Command Mode.....	3-3
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# 3

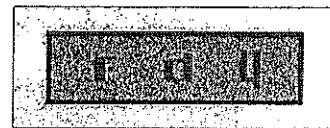
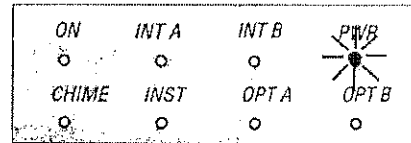
# LCD AND LED KEYPADS



GETTING STARTED 3-1

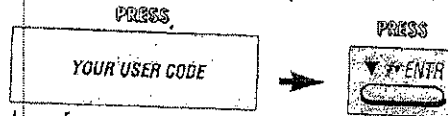
## BEFORE ARMING YOUR SYSTEM

- 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.)
- Look for "rdY" on the LED display screen. If there is any zone in the system that is not securely closed (i.e., a door or a window), a numeric readout on the LED will show which zone(s) are open. If you have an LCD display screen, the screen will also describe the open zone(s) in alpha-numeric messages.
- If you cannot locate the source of the trouble, call the service department for assistance.



## COMMAND MODE

In order to operate many of your system's features, you must first activate the "command mode" by entering your user code.



Immediately, a number of responses occur to let you know you are in the command mode.

Two indicators will appear on the LED display screen:

- A decimal point will appear after the "d" in "rd.Y", and
- Three columns of small horizontal bars will appear and alternately flash with "rd.Y".

On the LCD display screen

- "TEST WEEKLY/ENTER COMMAND" will appear; and

The voice will say "Enter Command."

**NOTE:**

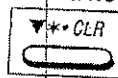
Each time you enter the command mode, these same responses will occur. Therefore, throughout this manual, they will be represented by this graphic:



As long as the command mode indicators are present, you can use the appropriate keys on the keypad to control and operate the system. You will be able to arm/disarm your levels of protection and enable/disable various features without re-entering your user code before each function.

To exit the command mode,

PRESS & HOLD



FOR 2 BEEPS

or wait 20 seconds after your last command for the system to automatically time itself out.

## ZONE/AREA LISTS

GETTING STARTED 3-3

After your system has been installed and you have been instructed in its operation, you will receive a list of zones, keypads and area locations.

Please keep these lists with your owner's manual and other important system paperwork; they will help you when operating the various features unique to your system.

# 4

## BASIC KEYPAD FUNCTIONS

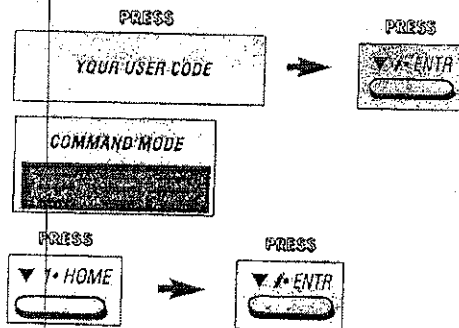
- 1 • HOME ..... 4-1
- 2 • ALL ..... 4-2
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- 4 • INT A ..... 4-4
- 5 • INT B ..... 4-5
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- 0 • TEST ..... 4-13
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### 1 • HOME

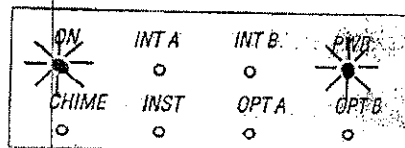
#### ARMING YOUR PERIMETER PROTECTION

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 and the voice will confirm status.

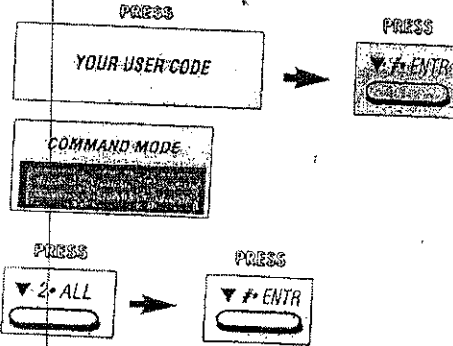


### ARMING YOUR PERIMETER AND INTERIOR PROTECTION

This feature allows you to arm your perimeter and interior protection.

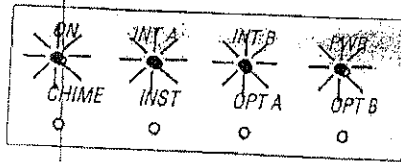
**NOTE:** If your perimeter is already armed, this feature will add the interior protection.

To arm both perimeter and interior protection:



**RESULT:**

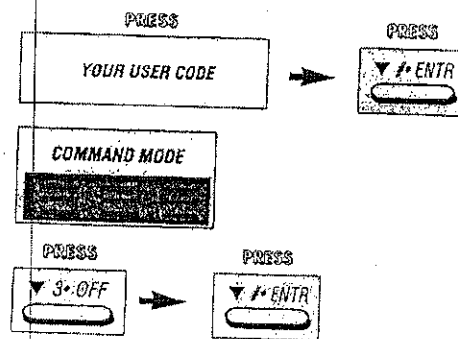
The ON, INT A and INT B (if applicable) indicator lights will illuminate and the voice will confirm status.



### DISARMING YOUR PERIMETER AND INTERIOR PROTECTION

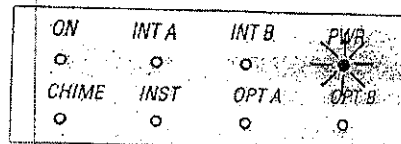
This feature allows you to disarm your protection.

To disarm:



**RESULT:**

The ON, INT A, and INT B (if applicable) indicator lights will all turn off and the voice will confirm status.

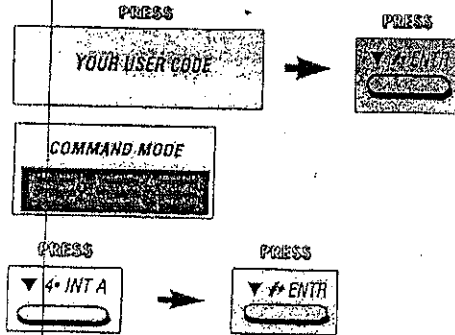


## 4•INT A (INTERIOR A)

### ENABLING/DISABLING INTERIOR "A" PROTECTIVE DEVICES

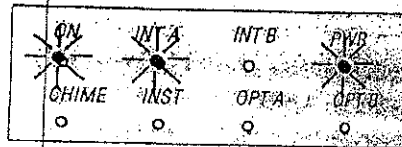
This feature allows you to enable/disable your interior "A" protection. It will also allow you to arm your interior protection, but only when your exterior protection is already armed.

To enable/disable your interior "A" protection:



**RESULT:**

When enabled, the INT A indicator light will illuminate and the voice will confirm status.



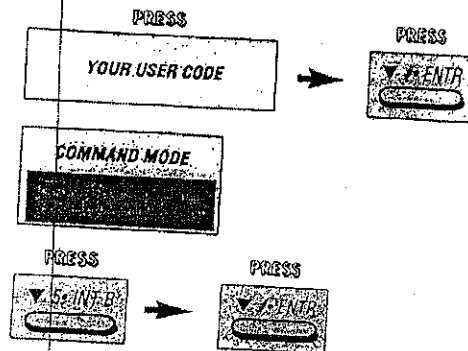
#### 4-4 BASIC KEYPAD FUNCTIONS

## 5•INT B (INTERIOR B)

### ENABLING/DISABLING INTERIOR "B" PROTECTIVE DEVICES

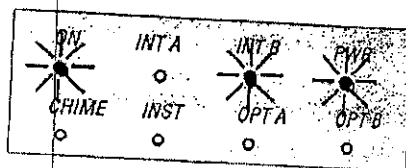
This feature allows you to enable/disable your interior "B" protection. It will also allow you to arm your interior protection, but only when your exterior protection is already armed.

To enable/disable your interior "B" protection:



**RESULT:**

When enabled, the INT B indicator light will illuminate and the voice will confirm status.

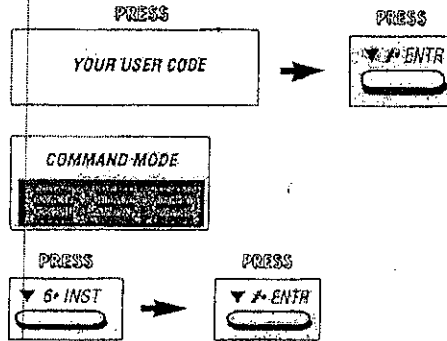


## 6•INST (INSTANT)

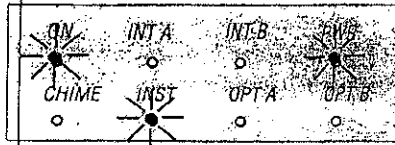
### ENABLING/DISABLING INSTANT

When enabled, this feature removes the entry delay from your system; consequently, if any protective device with entry/exit delay is opened while the system is armed, it will cause the alarm to activate immediately.

To enable/disable this feature:



**RESULT:** When enabled, the INST indicator light will illuminate and the voice will confirm status.



**NOTE:** Disarming your security system will disable the instant feature. Also, the above sequence will not arm your system. See "1•HOME" or "2•ALL."

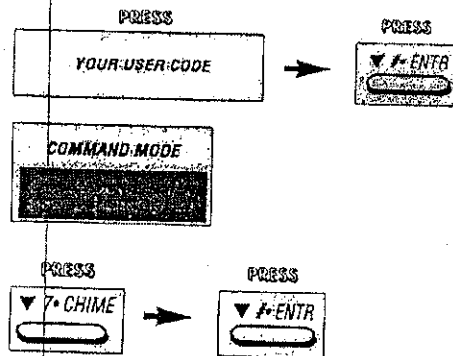
4-6 BASIC KEYPAD FUNCTIONS

## 7•CHIME

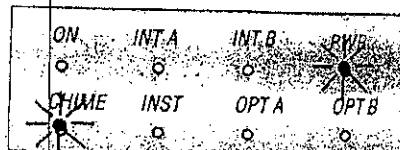
### ENABLING/DISABLING CHIME

When enabled, this feature allows you to monitor the violation of any protected zone while the system is disarmed. The system will alert you with a "beep, beep" (and the voice will describe the location) each time a zone is opened.

To enable/disable this feature:



**RESULT:** When enabled, the CHIME indicator light will illuminate, and the voice will confirm status.



## 8•BYPS (BYPASS)

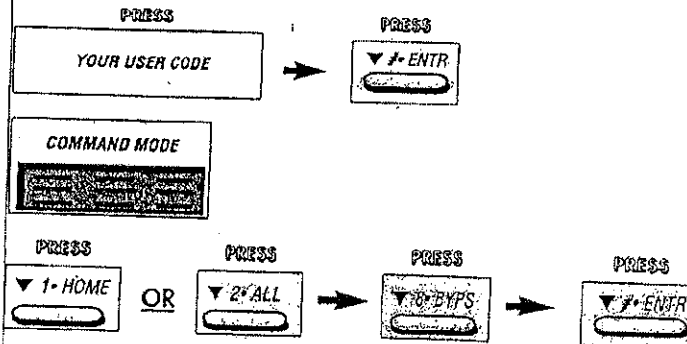
### BYPASSING PROTECTIVE DEVICES

#### 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.

The open zones to be bypassed will show as a zone number on the LED and as an alpha-numeric location on the LCD.

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



**RESULT:** The LED will show "byP" and the voice will confirm status.

**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.

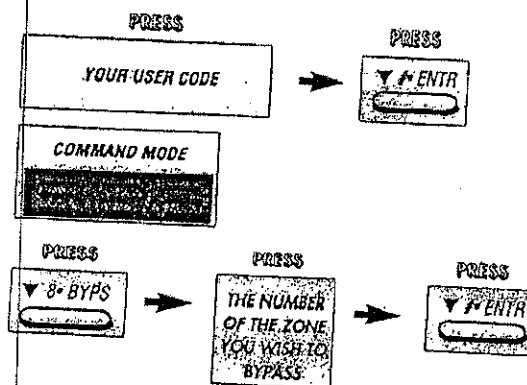
4-8 BASIC KEYPAD FUNCTIONS

## 8•BYPS (BYPASS) (Continued)

#### 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 LED will show "byP" and the voice will confirm status.

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

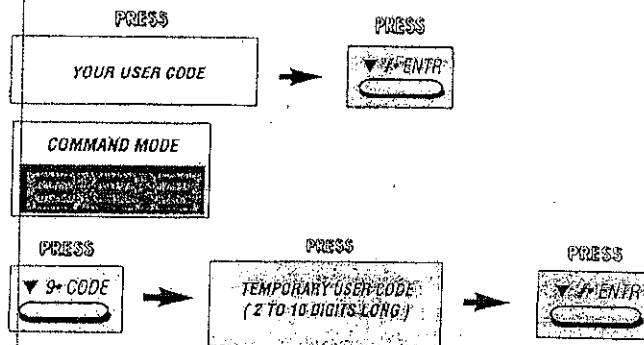
# 9•CODE

## 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.

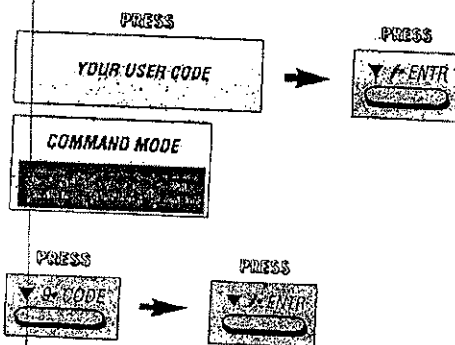
**NOTE:** The temporary user code must be enabled to be used (see next page.)

4-10 BASIC KEYPAD FUNCTIONS

## 9•CODE (Continued)

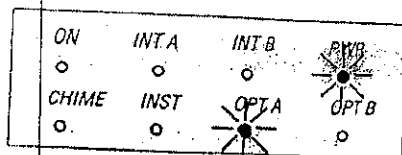
## ENABLING/DISABLING A TEMPORARY USER CODE

To enable or disable the temporary user code:



**RESULT:** When enabled, an indicator light (when programmed, OPT A or OPT B) will illuminate and the voice will confirm status.

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



## \*•CLR (CLEAR)

### CLEARING AN INCORRECTLY PRESSED BUTTON OR SILENCING A "TROUBLE" TONE

This feature allows you to clear an incorrectly pressed button or silence a "trouble" tone.

**NOTE:** You do not need your user code for this feature.

To perform one of these functions:



**RESULT:** No response.

If you had pressed an incorrect button, you may now begin again.

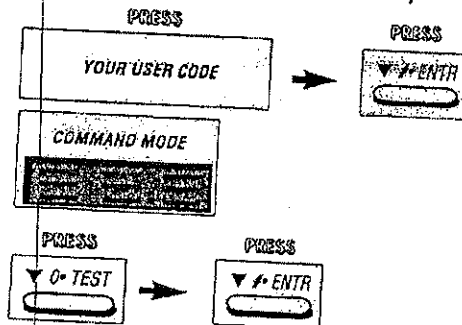
If you had a "trouble" tone, it will be silenced. Identify and correct the problem or call for service.

4-12 BASIC KEYPAD FUNCTIONS

0•TEST

### PERFORMING A SYSTEM TEST

This feature allows you to conduct a test of the system and its various components.  
**NOTE:** Before you start the test, make sure the entire system is disarmed.  
To begin the test sequence, or to stop the test at any time:



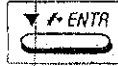
**RESULT:**

Immediately, the voice will confirm status with "Test On." The system alarm will then sound for approximately 60 seconds, while the test signal is being sent to the communications center. When finished, the voice will confirm that the test signal was received with "Phone okay." The LED will alternately flash "888" and "rdY" or open zones, and the LCD will scroll through all zones as they are being tested. The test mode sequence lasts approximately ten minutes. During that time period, you may test individual protective devices separately (i.e., a door or window) by opening them one at a time (during the test sequence), or by pressing any of the manually-activated buttons. You will hear a "beep, beep" to let you know that the zone is working properly. The voice will also announce the opening. Once the test is complete, the communications center should call to verify that the test signal was received. If you do not receive a call back, please call the communications center.

# #•ENTR (ENTER)

## INPUTTING COMMANDS

This key confirms all system commands.



4-14 BASIC KEYPAD FUNCTIONS

## CHAPTER 5

# 5

### OTHER STANDARD FEATURES

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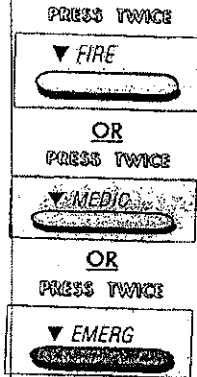
## MANUALLY-ACTIVATED ALARMS (STANDARD

### 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):



**RESULT:**

The alarm will sound with a loud tone specific to the type of activation. The LED and voice 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.

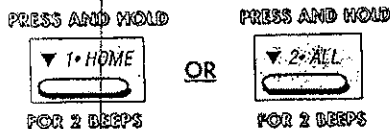
*It is recommended that you dial 911 (or your local emergency telephone number, if different than 911) prior to activating one of these alarms.*

OTHER STANDARD FEATURES 5-1

## 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 and 4-2.)



**RESULT:**

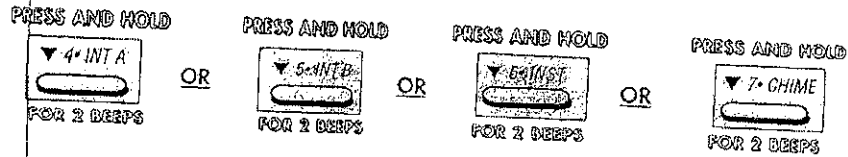
The LED, LCD, voice and indicator light(s) will confirm status.

## 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 LED, LCD, voice and indicator light(s) will confirm status.

## QUIET MODE

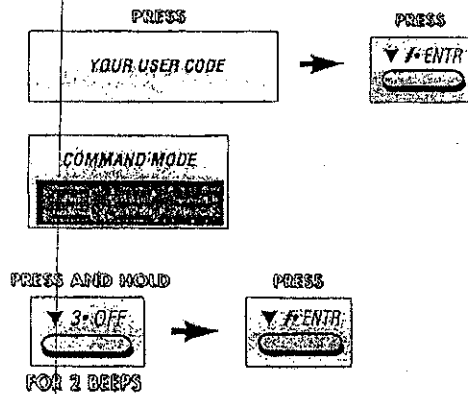
OTHER STANDARD FEATURES 5-3

### SILENCING INDIVIDUAL KEYPADS

This feature allows you to silence all sounds from designated keypads, including key beeps, entry tones, voice commands, and chimes.

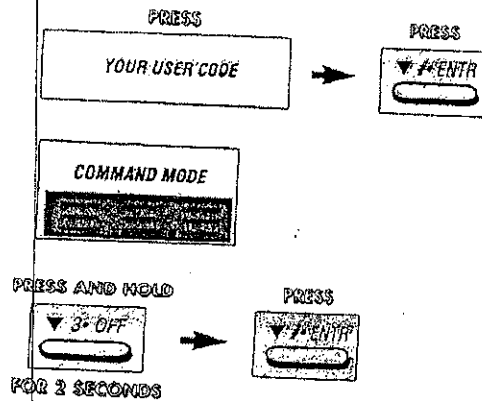
**NOTE:** Each keypad has to be silenced individually and alarm activations, "trouble" signals, and the Intercom feature will override and disable the quiet mode.

To enable the quiet mode at the designated keypad:



**RESULT:** A small decimal point will appear on the LED of the designated keypad and continue to flash, showing that it is in the quiet mode.

To disable the quiet mode:



**RESULT:** The decimal point that was previously flashing will disappear. All systems sounds will now return; you will hear them with the next function performed.

**SYSTEM STATUS**

OTHER STANDARD FEATURES 5-5

**CHECKING THE SYSTEM'S STATUS**

This feature allows you to check your system's status from any keypad, without using your user code.

To check system status:



**RESULT:** The LED will show the number of any zones that are open/unsecured, and will scroll through all armed/enabled features. For example:

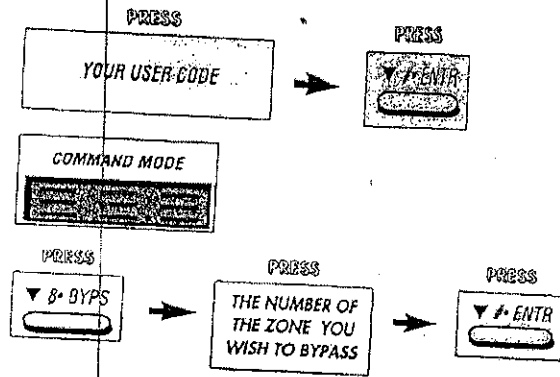
- on - System is armed
- A - Interior A is enabled
- b - Interior B is enabled
- In - Instant is enabled
- bP - Bypass is enabled
- ch - Chime is enabled
- cod - Temporary user code is enabled

The LCD will also show a full read-out of all armed/enabled features, and the voice will confirm status.

# 8-CHIME BYPASS!

## BYPASSING DEVICES IN CHIME

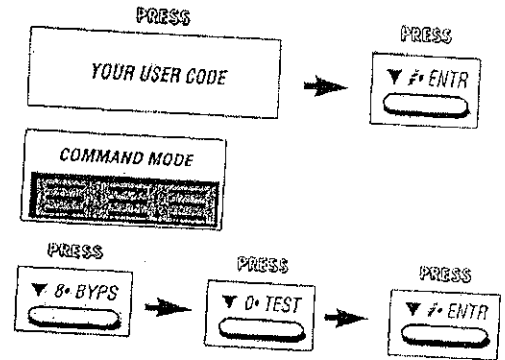
This feature will allow you to bypass any door or window that is left open or unsecured while the system is unarmed but in the chime mode. **NOTE:** Make sure the system is disarmed, the chime is enabled and the interiors are enabled (if desired). Also, you must know the zone number(s) to be bypassed.



**RESULT:**  
**NOTE:**

The voice will confirm status. While in the command mode, repeat the last three steps for each additional zone to be bypassed. The zone(s) will remain bypassed until you arm the system or bring the bypassed zone(s) back into chime.

To bring the bypassed zone(s) back into chime:



**RESULT:**

No response. You should test the device to verify status.

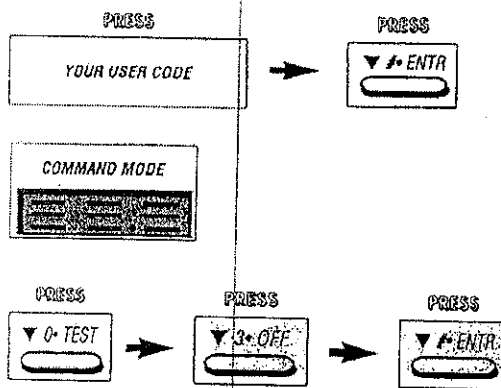
## PHONE NUMBER PROGRAMMING

OTHER STANDARD FEATURES 5-7

### PROGRAMMING A TEMPORARY PHONE NUMBER

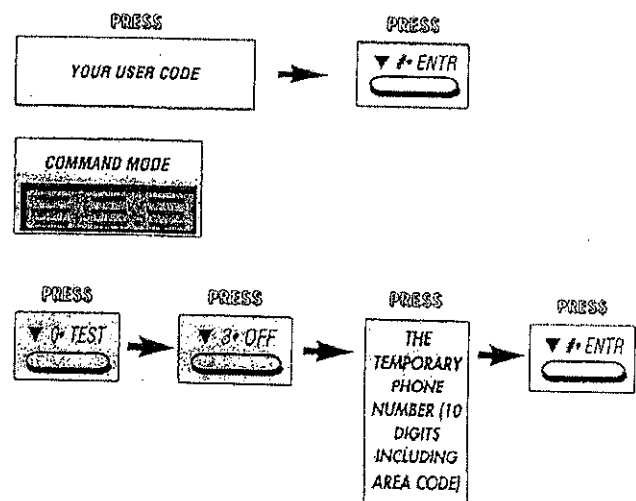
This feature allows you to program into your system a temporary phone number where you can be contacted. The communications center will have access to this phone number in an alarm activation.

To confirm a temporary phone number:



**RESULT:** The voice will confirm the temporary phone number.

To program/change a temporary phone number:



**RESULT:** The voice will confirm the number programmed.

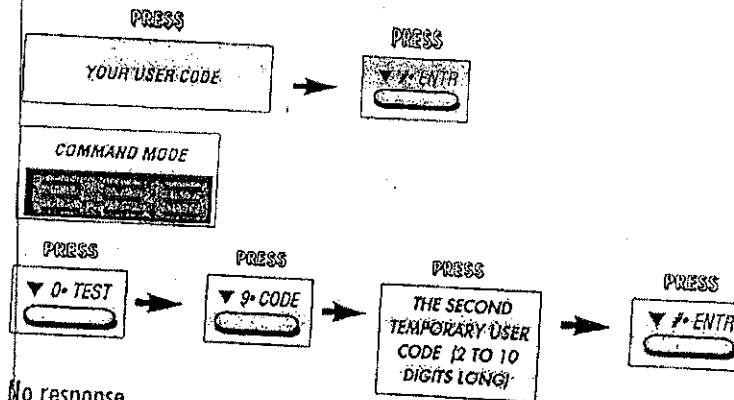
# SECOND TEMPORARY USER CODE

## CREATING/CHANGING A SECOND TEMPORARY USER CODE

This feature allows you to create a second temporary user code for anyone you have authorized to have access to your system. This code can be any combination of numbers, 2 to 10 digits in length.

**NOTE:** The second temporary user code becomes functional when you create it, and remains so until you change it.

To create the second temporary user code:



**RESULT:** No response.

To change the secondary user code, repeat the same steps.

You should test the second temporary user code to verify its status.

OTHER STANDARD FEATURES 5-9  
**CHAPTER 6**

### OPTIONAL/ADDITIONAL FEATURES

Outside Access Terminal (OAT).....	6-1
Voice Guidance.....	6-2
Direct Voice Command™.....	6-2
Duress.....	6-3
Fire System.....	6-4
Programmable Functions/Buttons.....	6-7
Auto-Execute Codes.....	6-8
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Home Management.....	6-11
Special Channels.....	6-11
Time Clock/Schedules.....	6-12
Multiple-Area Protection.....	6-14
Scrolling.....	6-15
Telephone Access.....	6-16

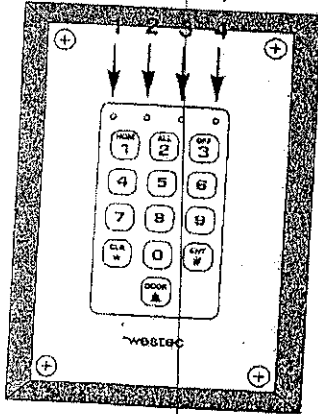
# 6

# OUTSIDE ACCESS TERMINAL (OAT)

OPTION  
INSTALLED

## EXTERIOR KEYPAD

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.

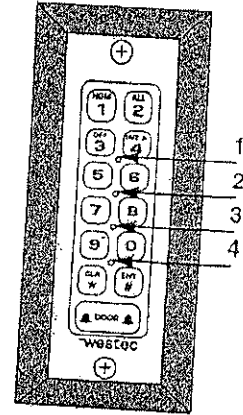


Indicator light 1 illuminated:  
System is armed.

Indicator light 2 illuminated:  
System is ready to be armed. All zones secured.

Indicator light 3 illuminated:  
Interior protection enable.

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.

## VOICE GUIDANCE

OPTIONAL/ADDITIONAL FEATURES 6-1

OPTION  
INSTALLED

### GUIDING/ADVISING THE USER

This feature guides you through system operation, confirms status of each command, and communicates warning messages with an English-speaking, computerized voice. It also announces the type and location of all activations (except Duress). This feature contains a vocabulary of more than 350 words.

## DIRECT VOICE COMMAND™

OPTION  
INSTALLED

### LISTEN-IN FEATURE

This feature allows the communications center to "listen-in" — through your system keypads — during all alarm activations, except Fire.

Each LED and LCD keypad has a microphone located inside. Approximately 40 seconds after an alarm has activated, and for approximately 20 seconds in length, the alarm sounds stop and the microphones activate, allowing the communications center to listen to the sounds at your home.



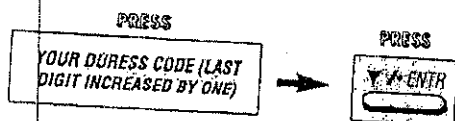
### SENDING SILENT DISTRESS SIGNAL

This feature allows you to send a silent distress signal to the communications center in a threatening situation. Duress can be activated from any keypad, whether the system is armed or disarmed. Once you have entered your duress code (and pressed #\*ENTR), the communications center will identify the signal as a duress alarm, and follow procedures to dispatch the appropriate authorities.

**NOTE:** You cannot manually reset this alarm. You must call the communications center to cancel it. **THEY WILL NOT CALL YOU.**

To enter your duress code:  
Increase the last digit of your user code by one (1). For example: if your user code is 1-2-3, your duress code would be 1-2-4. If your code is 7-7-8-9, your duress code would be 7-7-8-0.

To activate your duress code:



**RESULT:** The system will respond the same way as if you entered your normal User Code.

### FIRE SYSTEM

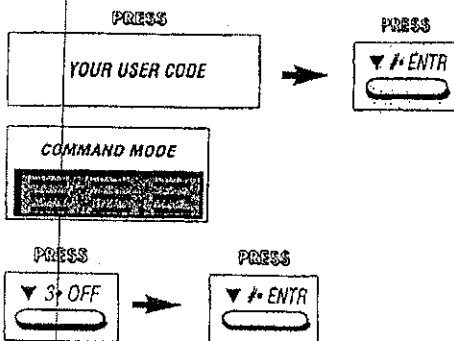


### SMOKE AND HEAT PROTECTION

Your communicating fire system is active 24 hours a day, as long as power is available, and the CPU is switched on. The alarm sound of a fire activation is distinctly different from the burglary alarm sound.

**Once a fire alarm has sounded, follow your emergency evacuation plan.**

In the event there is no actual fire, follow these steps to reset the fire alarm:



**RESULT:** The alarm will silence and reset.

The National Fire Protection Association (NFPA) recommends at least one smoke detector be located near, but outside of, each sleeping area on every level to meet the minimum requirements of the NFPA Standard for Household Fire Warning Equipment (NFPA 74). If a fire system is installed in your home, your local fire authorities should be notified. Local authorities having jurisdiction may require additional protection.

## 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.

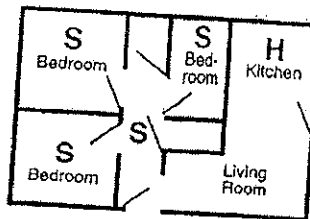
**NOTE:** If hallways exceed 20 feet, multiple smoke detectors are necessary.

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

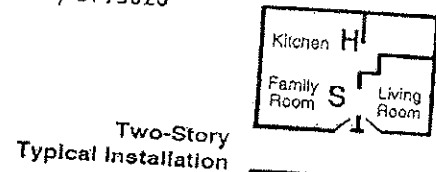
**National Fire Protection Association**  
Batterymarch Park  
Quincy, MA 02269

(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

## 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.

OPTIONAL/ADDITIONAL FEATURES 6-5

# PROGRAMMABLE FUNCTIONS/BUTTONS

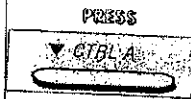
## OPERATION MADE EASY

OPTION  
INSTALLED

These features allow you to simplify or expedite your system's operation with the press of a single button or a custom code on your keypad.

All programmable functions are set during installation. Due to the nature of this custom feature, please consult your Westec representative for details on the operation of the programmable functions unique to your system.

Example:



**RESULT:** The programmable function connected to this button will be enabled/disabled or armed/disarmed, and the LCD, LED, and voice will confirm status.

## AUTO-EXECUTE

OPTIONAL/ADDITIONAL FEATURES 6-7

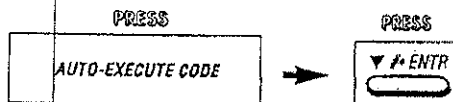
OPTION  
INSTALLED

## CUSTOM CODES

This feature allows you to arm/disarm protective devices or enable/disable other system features without entering the command mode. Auto-execute codes are custom-programmed during installation.

Due to the nature of this custom feature, please consult your Westec representative for details on the operation of the auto-execute codes unique to your system.

Example:



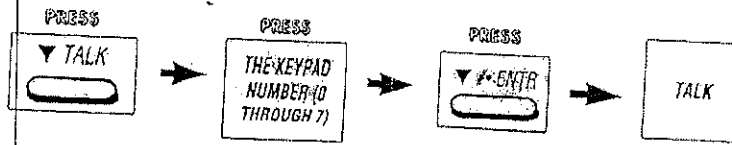
**RESULT:** The desired feature will be armed/disarmed or enabled/disabled, and the LCD, LED, and voice will confirm status.

### COMMUNICATING BETWEEN KEYPADS

This feature allows communication between keypads on your system, and is controlled by the initiating person. Each keypad has an assigned number (0 through 7).

#### FROM AN LCD KEYPAD

To communicate to another keypad:



Then, to listen to that keypad:



Use **TALK** and **LISTEN** to switch back and forth between the two operations.

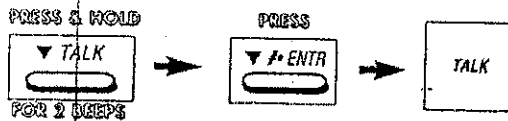
To exit Intercom:



or wait 20 seconds after the last button is pressed for the Intercom feature to automatically time itself out.

### INTERCOM (Continued)

To talk to all keypads (from an LCD):



To listen to all keypads:



To exit:



or wait 20 seconds after the last button is pressed for the Intercom feature to automatically time itself out.

#### FROM AN LED KEYPAD

Due to the nature of this custom feature, please consult your Westec representative for the exact details on the operation of Intercom from an LED keypad on your system.

## HOME MANAGEMENT

### CONTROLLING ELECTRICAL APPLIANCES/DEVICES



This feature allows you to control designated electrical home appliances/devices through your system keypads.

Due to the nature of this custom feature, please consult your Westec representative for details on the operation of Home Management with your system.

## SPECIAL CHANNELS

### 24-HOUR PROTECTION — LOCAL OR COMMUNICATING



This feature allows you to have 24-hour protection for specific devices on your system, such as security screens, gun cabinets or paintings. Special Channels are programmed at time of installation as to their exact specifications, and, when armed, they provide round-the-clock protection, whether the system is armed or disarmed. Upon activation, they 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 Channels.

## TIME CLOCK/SCHEDULES

OPTIONAL/ADDITIONAL FEATURES 6-11

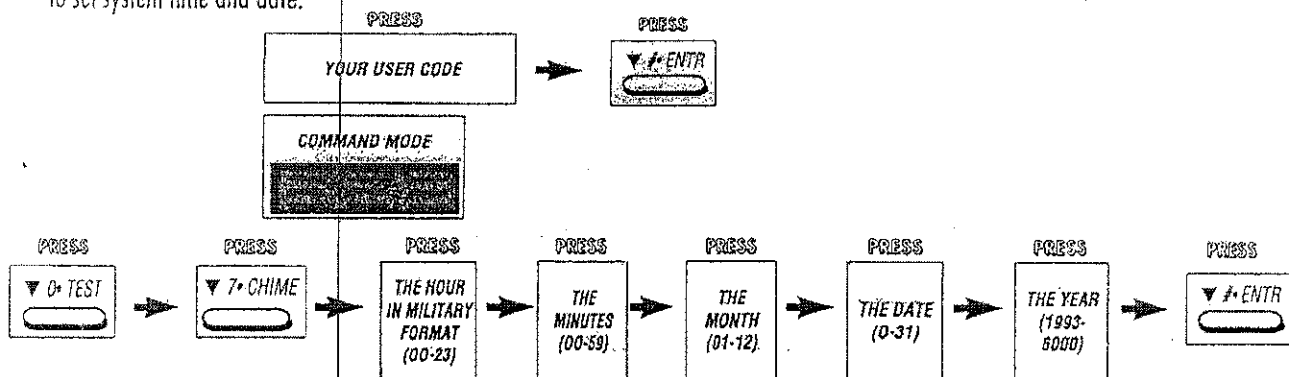


### SCHEDULED PROTECTION/CONVENIENCE

This feature allows your system to perform various pre-programmed functions on a set time schedule. Once the clock in your system has been set, and the time schedules programmed by an authorized Westec technician, these desired functions can occur at specific time(s) of the day, day(s) of the week, week(s) of the month — even month(s) of the year. The LCD will display the current day and date after they have been set. If your system loses power, the time and date will have to be re-set. Your time schedules will not operate until the time and date have been set.

Due to the nature of this custom feature, please consult your Westec representative for details on the programming and operation of the time schedules unique to your system.

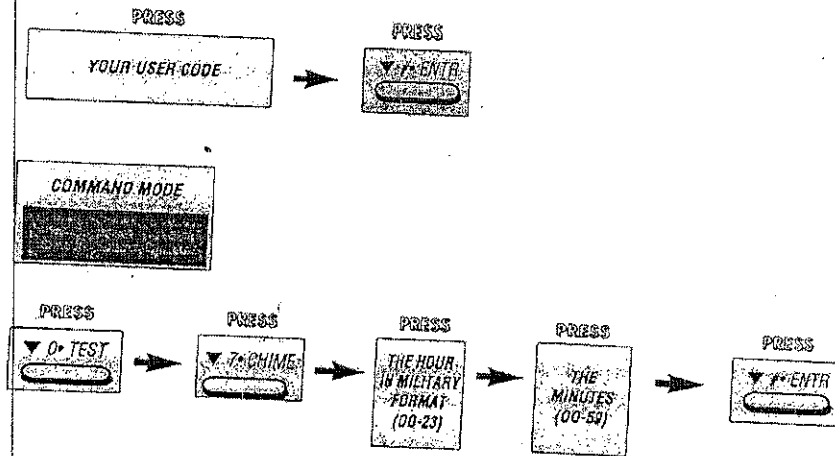
To set system time and date:



**RESULT:** The LCD will now display the new time, day and date, and the voice will confirm the system time.

## TIME CLOCK/SCHEDULES (Continued)

To set/change system time only:



**RESULT:** The LCD and voice will confirm the system time.

## MULTIPLE AREA PROTECTION

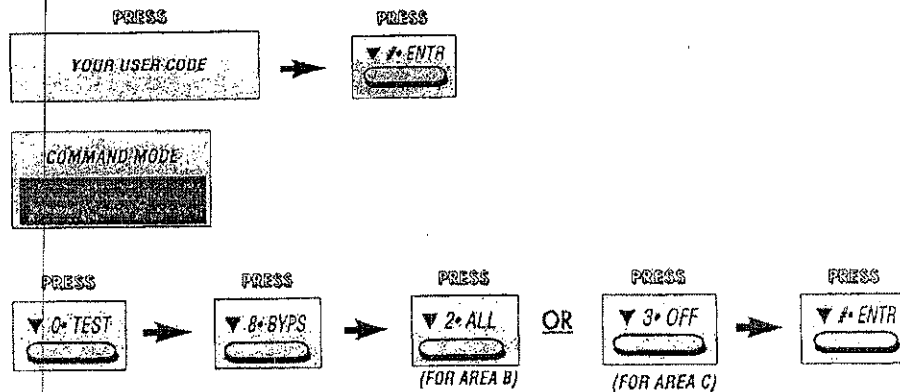
OPTIONAL/ADDITIONAL FEATURES 6-13

OPTION  
INSTALLED

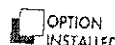
### CONTROLLING MULTIPLE AREAS ON YOUR SYSTEM

This feature allows you to switch system control to another area (i.e., guest house vs. main house), in order to operate the protective devices and features there. Your system can control up to eight (8) different areas with one (1) CPU. Your main area is "Area A" on your system; additional areas on your system are also labeled by a letter of the alphabet. You can access each area by using its corresponding number; A=1, B=2, etc.

To switch system control to another area:



**RESULT:** The voice will announce the new area and the LED indicator light(s) will illuminate to confirm that area's status. You can now operate the area's protective devices and features.



**USING THE LCD TO EASE SYSTEM OPERATION**

This feature allows you to perform five system operations using the UP, DOWN, SELECT and QUIT buttons on the top half of the LCD keypad (after you have accessed the command mode.)

The UP and DOWN buttons allow you to "scroll" through the available options; SELECT allows you to choose which operation you want to perform; and QUIT exits you from the scrolling feature.

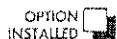
The five main system operations available with scrolling are:

- System Control
- Phone Number Programming
- User Code Programming
- Changing Area Alarm History

Due to the nature of this advanced feature, please consult your Westec representative for guidance in operating Scrolling.

**TELEPHONE ACCESS**

OPTIONAL/ADDITIONAL FEATURES 6-15



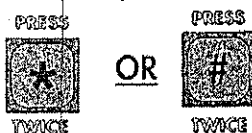
**ACCESSING YOUR SYSTEM REMOTELY**

This feature allows you to access and operate various features on your system from most touchtone telephones. The telephone acts as the basic keypad on your LED, and allows you to perform various functions using the buttons 1-9, \*, 0, and #.

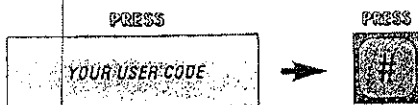
**NOTE:** Your telephone line will become inactive while using this feature. In the event of an actual emergency, hang up and dial 911. Some telephones may not allow you to perform those functions requiring you to hold down a button for "2 beeps."

**TO GAIN ACCESS TO YOUR SYSTEM**

**INTERNAL ACCESS:** To utilize Telephone Access from a phone inside your home, within 5 seconds of picking up a phone which shares the same line as your system:



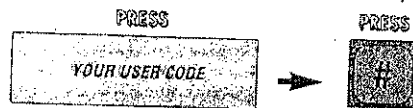
**RESPONSE:** The voice will say "HELLO." You can now operate your system.



**RESULT:** The voice will say "ENTER COMMAND." You are now in the command mode, and can operate various basic and optional features available on your system.

## TELEPHONE ACCESS (Continued)

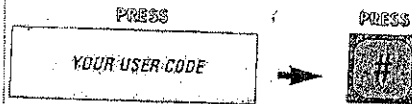
**EXTERNAL ACCESS:** To utilize Telephone Access from another location, call the phone number connected to the Telephone Access feature on your system. When the system answers, the voice will say "HELLO." (If your answering machine answers, see below.)



**RESULT:** The voice will say "ENTER COMMAND." You are now in the command mode, and can operate various basic and optional features available on your system.

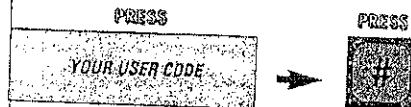
### ANSWERING MACHINE

If your answering machine answers, wait for the pre-recorded message to end, and then:



If your answering machine is interfering with Telephone Access, follow these steps:

- \* Call the number again and let it ring once. Then hang up.
- \* Wait at least 15 seconds, but call back within 2 minutes.
- \* The system should answer after the first ring and say "HELLO."



**RESULT:** The voice will say "ENTER COMMAND." You are now in the command mode, and can operate various basic and optional features available on your system.

## TELEPHONE ACCESS (Continued)

OPTIONAL/ADDITIONAL FEATURES 6-17

### TO CONTROL SYSTEM

Once in the command mode, you can operate the basic keypad functions (except Test) as described in Chapter 4.

Listed below and on the next few pages are additional ways to operate your system's standard and optional features using Telephone Access. The voice will keep you informed as to the functions being performed. When you are finished using Telephone Access, simply hang up the phone.

### CHECKING SYSTEM STATUS

This feature allows you to check the system's status through Telephone Access.

After gaining access to the command mode:



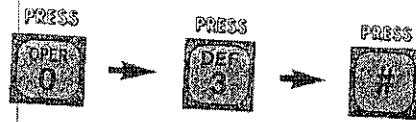
**RESULT:** The voice will confirm area status.

## TELEPHONE ACCESS (Continued)

### PHONE NUMBER PROGRAMMING

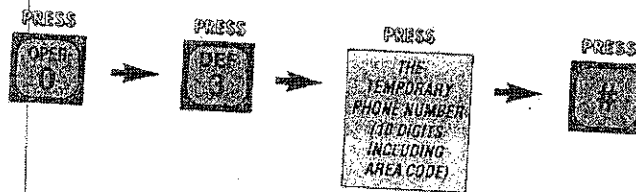
This feature allows you to confirm or change the Temporary Phone Number in your system through Telephone Access.

To confirm your Temporary Phone Number, once in the command mode:



**RESULT:** The voice will confirm the Temporary Phone Number. If no number has been previously programmed, the voice will repeat "zero" 10 times.

To change the Temporary Phone Number, while in the command mode:



**RESULT:** The voice will confirm the number entered.

## TELEPHONE ACCESS (Continued)

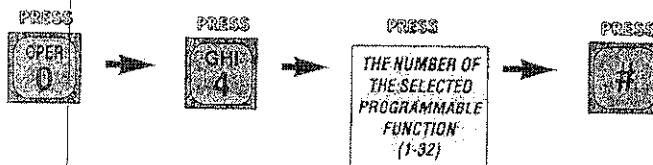
OPTIONAL/ADDITIONAL FEATURES 6-19

### CONTROLLING PROGRAMMABLE FUNCTIONS

This feature will allow you to operate selected Programmable Functions through Telephone Access.

**NOTE:** To operate the desired Programmable Function, you must first know what number (1 through 32) represents that chosen function.

After you have gained access to the command mode:



**RESULT:** The voice will either tell you which Programmable Function you have just controlled, or will be waiting for your next command.

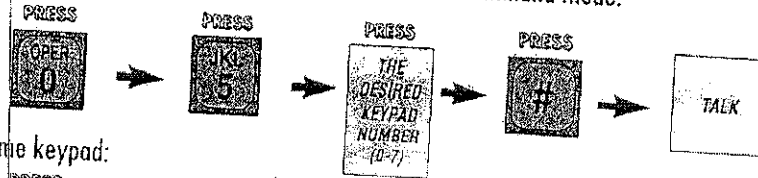
Due to the nature of this custom feature, please consult your Westec representative for details on the exact operation of Telephone Access with Programmable Functions.

# TELEPHONE ACCESS (Continued)

## INTERCOM CONTROL

This feature allows you to access your Intercom system from both internal and external phones.  
**NOTE:** You must know the number of the keypad to which you want to communicate before you initiate this feature.

To communicate to an individual keypad, after gaining access to the command mode:

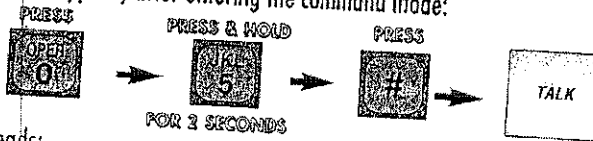


To listen to that same keypad:



Press # to switch back and forth between talking and listening.

To communicate to all keypads, after entering the command mode:



To listen to all keypads:



OPTIONAL / ADDITIONAL FEATURES 6-21

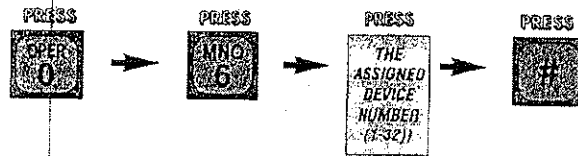
# TELEPHONE ACCESS (Continued)

## HOME MANAGEMENT

This feature allows you to operate your Home Management functions through Telephone Access (only those functions controlled by X-10 devices).

**NOTE:** You must first know the number that represents your chosen Home Management device.

To operate your chosen device, after gaining access to the command mode:



**RESULT:** The voice will confirm status of the assigned device.

Due to the nature of this custom feature, please consult your Westec representative for details on the operation of your Home Management functions with Telephone Access.

## TELEPHONE ACCESS (Continued)

### CONFIRMING/CHANGING SYSTEM TIME

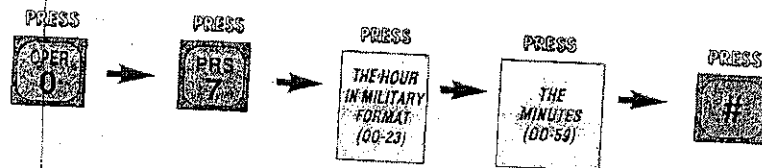
This feature allows you to confirm and change the system time through Telephone Access.

To confirm system time, after gaining access to the command mode:



**RESULT:** The voice will confirm the system time.

To change system time, after gaining access to the command mode:



**RESULT:** The voice will confirm the system time.

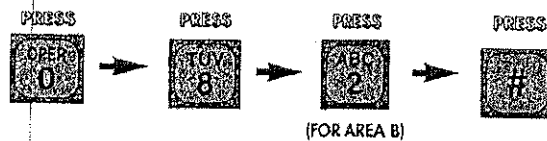
## TELEPHONE ACCESS (Continued)

OPTIONAL/ADDITIONAL FEATURES 6-23

### CONTROLLING MULTIPLE AREAS ON YOUR SYSTEM

This feature allows you to switch control to another area on your system through Telephone Access. You can access each area by using its corresponding number; A=1, B=2, etc.

For example, to switch control to Area B, after gaining access to the command mode:



**RESULT:** The voice will confirm that you are now in Area B. You can now operate that area's protective devices and features.

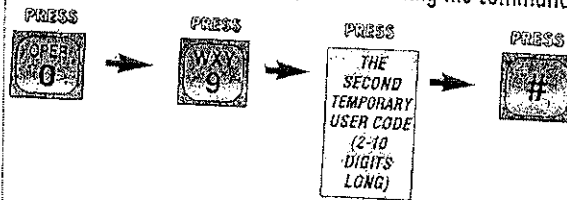
## TELEPHONE ACCESS (Continued)

### SECOND TEMPORARY USER CODE

This feature allows you to create a second temporary user code (through Telephone Access) for anyone you have authorized to have access to your system. The code can be 2 to 10 digits in length.

**NOTE:** The second temporary user code becomes functional when you create it, and remains so until you change it.

To create/change the second temporary user code, after accessing the command mode:



**RESULT:** No response.

**NOTE:** Unless specifically programmed at time of installation, Temporary User Codes will not operate Telephone Access; therefore, you may not be able to test the new Second Temporary User Code remotely.

OPTIONAL/ADDITIONAL CHAPTER 7

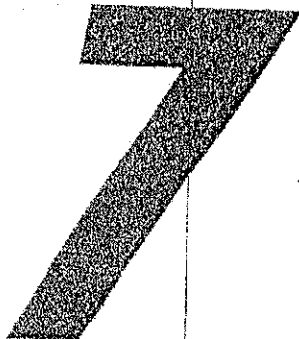
### RESETTING FALSE ALARM ACTIVATIONS AND TROUBLESHOOTING

#### Resetting False Alarm Activations

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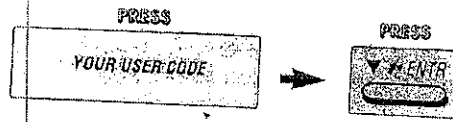
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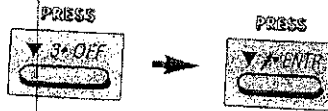
## BURGLARY/FALSE ALARM ACTIVATIONS

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 LED, LCD and voice will confirm that you are now in the command mode.

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



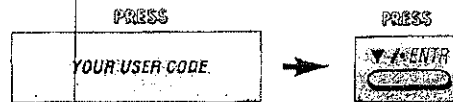
**RESULT:** The ON, INT A and INT B (if applicable) indicator lights will turn off, and the voice will confirm status.

## 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, and the voice will confirm that you are now in the command mode.

Then, to reset the fire alarm:

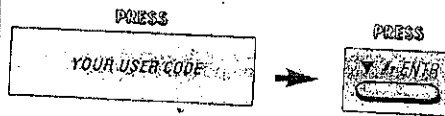


**RESULT:** The fire alarm will be silenced and reset.

**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).

## MEDICAL/EMERGENCY ALARM ACTIVATIONS

In the event there is no actual medical or other emergency, to reset these alarms:



### RESULT:

The alarm tone will stop, and the LED and voice will confirm that the alarm has been reset and you are now in the command mode.

## TROUBLE ACTIVATIONS

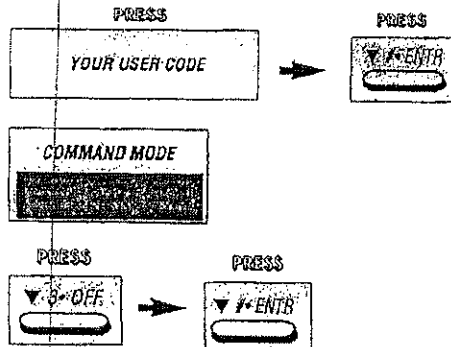
RESETTING FALSE ALARM ACTIVATIONS AND TROUBLESHOOTING 7-3

To silence any trouble sound:



**RESPONSE:** The trouble sound will stop. The PWR indicator light will continue to flash, indicating that there is trouble in the system, and the LCD and LED will show the location of the trouble.

To reset trouble after correcting the problem:



**RESULT:** The trouble will be reset, and the trouble indicators will clear.

Be sure to take care of the problem that activated the trouble in the first place; otherwise, it may be re-activated.

## UNDERSTANDING THE MESSAGES AND INDICATORS ON THE LED/LCD

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

<u>LED</u>	<u>LCD</u>	<u>CONDITION</u>
rdY	READY	All zones secured/system ready to be armed
F##	FIRE	Fire Alarm Activation
A##	BURGLARY	Burglary Alarm Activation
H##	MEDICAL	Medical Alarm Activation
E##	EMERGENCY	Emergency Alarm Activation
*##	SPECIAL * ##	Special Channel * Activation, Zone ##
d##	HOLDUP	Robbery Alarm Activation
oAC	AC POWER IS OFF	Main power is off — system is on battery back-up

**LEGEND:**

- ## indicates a zone number
- \* indicates a special channel number
- x indicates a keypad number

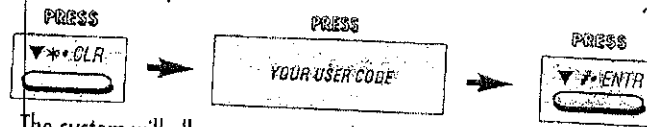
*RESETTING FALSE ALARM ACTIVATIONS AND TROUBLESHOOTING 7-5*

## UNDERSTANDING THE MESSAGES AND INDICATORS ON THE LED/LCD (Continued)

<u>LED</u>	<u>LCD</u>	<u>CONDITION</u>
adx	ERROR DISPLAY	Problem with a keypad
oOO	COMMUNICATION ERROR	Problem between a keypad and the CPU (or with the CPU)
oUC	BOX COVER TAMPER	Tamper protection on the CPU has been violated
oLb	BATTERY TROUBLE	Battery power is low
oPo	UNIT WAS IN ALARM	Warning Indicator - Alarm was activated and automatically reset itself
ph1	PHONE LINE 1 TRB	Problem or temporary maintenance on phone line 1
ph2	PHONE LINE 2 TRB	Problem or temporary maintenance on phone line 2
dLr	DIALER TROUBLE	Problem with phone dialer
PbP	POWERED ZONE BYPASS	Zones are resetting after system power-up
PrG	Remote PRG/CTRL	Downloading or programming in progress
odJ	JMPR ON DTMF PIN	Technician's equipment is still attached to the CPU
bell	UL SUP BELL TRB	Trouble with the exterior bell
oPS	PATROL SWITCH TROUBLE	Trouble with the exterior patrol switch

## IF YOUR USER CODE DOES NOT ALLOW ACCESS

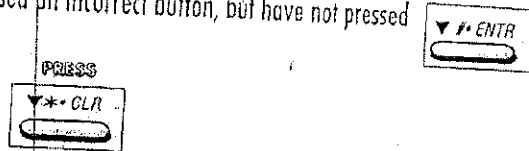
If your user code does not allow you to access the command mode:



**RESPONSE:** The system will allow you access to the command mode. If not, call the service department for assistance.

## IF A CODE HAS BEEN ENTERED INCORRECTLY

If you have pressed an incorrect button, but have not pressed



**RESULT:** This will erase the last input. You can now begin again.

If you have pressed an incorrect key and have already hit



- Watch and listen to see if the system has accepted your incorrect entry.
- If nothing happens, just begin again.
- If the system has accepted your entry, but it's not the one you had intended, follow the proper procedures to reverse your input. Then begin again. The LCD, LED and voice should confirm status with the appropriate responses.

RESETTING FALSE ALARM ACTIVATIONS AND TROUBLESHOOTING 7-7

## IF SYSTEM WILL NOT ARM

- Check to see that the green PWR light is on.
- A flashing green PWR light indicates system trouble; No light indicates main power is off or system has been turned off (see below).
- Make sure all windows and doors are properly closed, with no objects blocking interior protective devices (i.e., a chair on a mat, a plant in front of a beam). The LCD, LED and voice will indicate if there are zones that need to be properly secured.
- Attempt to re-arm your system. If problem persists, call the service department.

## IF LED PWR LIGHT IS FLASHING OR OFF

- The PWR indicator light on the LED should be on at all times. This means that your system has power.
- If the PWR indicator light is flashing, this means that the system is in trouble. Call the service department immediately for further assistance.
- If the PWR indicator light is off, this means that the system has no power. Either the main power to your home is off and the system's back-up battery is dead, or your system has been turned off (powered down) at the CPU. As soon as the system power has been restored, the PWR indicator light will go on.

## **IF MY PHONE IS NOT WORKING**

As discussed throughout this manual, your system communicates alarm activations 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.

RESETTING FALSE ALARM ACTIVATIONS AND TROUBLESHOOTING 7-9

**CHAPTER 8**

**GLOSSARY**

**8**

## GLOSSARY

ABORT	To cancel a false alarm activation.	CHIME	An audible and visible indication that a protective device has been opened or violated while the system is disarmed.
ABORT CODE	A word or phrase which identifies a client or other authorized system user.	CLR (CLEAR)	Cancels the last button pressed or silences a trouble tone.
ACTIVATION	The system going into alarm.	CODES	Numeric combinations (2 to 10 digits in length) that facilitate system operation.
ALL	Arming the perimeter and interior protective devices.	COMMAND MODE	Menus allowing system operation.
ALPHA-NUMERIC	Consisting of both letters and numbers.	COMMUNICATIONS CENTER	A facility where your system is monitored 24 hours a day.
ARM	Turning on protective devices.	CONTINUOUS STATE CIRCUIT ANALYZER	Checks the integrity of all wiring and protective devices for any sign of trouble, whether the system is armed or disarmed, and reports the nature of any problem locally and to the communications center.
AUTO-EXECUTE	Automatically arming/disarming or enabling/disabling without accessing the command mode.	CPU	Central Processing Unit.
BACK-UP BATTERY	Reserve power source for the system in the event of main power loss or outage.		
BYPS (BYPASS)	Allows you to arm the system while leaving selected devices unarmed.		

## GLOSSARY

GLOSSARY 8-1

DIRECT VOICE COMMAND™	Allows the communications center to listen-in through your system microphones only during alarm activations. Available on all alarm types except Fire.	FIRE SYSTEM (AUTOMATIC)	24-hour fire protection utilizing smoke and/or heat detectors.
DISABLE	Turning off particular features.	FIRE SYSTEM (MANUALLY-ACTIVATED)	A manual fire button that is active 24 hours a day.
DISARM	Turning off protective devices.	HEAT DETECTOR	A device that activates at a designated temperature.
DOWNLOADING	Performing remote system troubleshooting, reprogramming or service.	HOME	Allows arming of the system's perimeter while leaving the interior protection.
DURESS	Activates silent distress signal.	HOME MANAGEMENT	Allows control of electrical appliances/devices through the system keypads.
ENABLE	Turning on particular features.	INT A (INTERIOR A)	Enables/disables interior A devices.
ENTR (ENTER)	Inputs commands to the system.	INT B (INTERIOR B)	Enables/disables interior B devices.
ENTRY/EXIT DELAY	A predetermined amount of time allowed by the system to arm or disarm upon entering or leaving your home through specific doors.	INTERCOM	Allows 2-way communication between system keypads and speakers.
FALSE ALARM	An alarm activation caused in error.		

## GLOSSARY

TELEPHONE ACCESS	Allows you to access and operate various system features from most touchtone telephones.	X-10	The manufacturer of particular home management devices, used to control electrical appliances with your system.
TEST	Checks the integrity of system functions, components and devices, and sends a signal to the communications center.	ZONE	The identified location of one or more protective devices on the system.
TIME CLOCK/ SCHEDULES	See "SCHEDULES/TIME CLOCK".		
TROUBLE	A different sounding tone which indicates a problem in the components of the system.		
VOICE GUIDANCE	A computerized voice that guides you through system operations; confirms status of each command; communicates warning messages; and announces type and location of all alarm activations (except Duress).		
WARNING INDICATOR	An alarm activation has occurred.		

## CHAPTER 9

### INDEX

# 9

SCHEDULES/TIME  
CLOCK

system to the phone line.  
A real-time clock built into your system, allowing set functions to occur at pre-programmed times (schedules.)

TAMPER

A protective device that reports to the communications center an attempt to violate the CPU.

TEMPORARY  
USER CODE

An additional user code that you can create.

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## FCC NOTICE

This equipment generates and uses radio frequency energy. If not installed and used 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 and Class A computing device in accordance with the specification in Sub part J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential and commercial 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 should try to correct the interference by one or more of the following measures:

- Redirect the receiving antenna.
- Relocate the computer with respect to the receiver.
- Move the computer away from the receiver.
- Plug the computer into a different outlet so that computer and receiver are on different branch circuits.

If necessary, consult the dealer or an experienced radio/television technician for additional suggestions. "How to Identify and Resolve Radio-TV Interference Problems," a book prepared by the Federal Communications Commission, is available from the U.S. Government Printing Office, Washington, D.C. 20402. Stock No. 004-000-00345-4.

FCC NOTICE/WARRANTY INFORMATION 10-1

## WARRANTY INFORMATION

Westec Security, Inc. warrants that the products of its manufacture shall be free from defects in materials or workmanship for one year from the date of installation if such goods have been properly installed and subject to normal use.

Westec Security, Inc. is not an insurer of your property or of others, or responsible for the personal safety of you or other persons on your premises. Insurance, if any, on your premises and its contents, and any life, disability or health insurance for persons living, or not living in your home, must be obtained by you. The payment made to Westec is based solely on the value of the service we provide, and is unrelated to the value of your property or the property of others located on your premises.

As the system owner, it is also your responsibility to instruct family members, guests, or others who may be using your system on its features, testing procedures, line seizure and emergency procedures.

Westec Security, Inc. shall not under any circumstances be liable for any incidental or consequential damages arising from loss of property or other damage or losses owing to the failure of Westec Security, Inc. beyond the cost of repair or replacement of any defective products.

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