

**westec**  
SECURITY PRODUCTS, INC.

**OWNER'S MANUAL**  
900 Series

There are two buttons visible in the Computerized Command Center.

### Top Button

The top button is the test button and by depressing this button twice the system checks itself. It will briefly emanate the various distinct sounds for each type of alarm and then automatically dials the manned Central Station. By doing so, it advises the station operator that your system is functioning normally.

### Lower Button

The lower button is the Trouble/Silence button. If the system detects a failure in any of its component parts it will emanate a distinct low level audio signal. To eliminate this audio signal, the homeowner depresses the TRB/SIL button which will silence the audio "TROUBLE" warning.

Once the warning is silenced by the homeowner, the green light will blink advising the homeowner that the system is in the "TROUBLE SILENCE" mode.

**Note:** Always immediately notify your manned Central Station or service department that your system is in the "TROUBLE" mode.

There is also a green and red light visible in the Computerized Command Center.

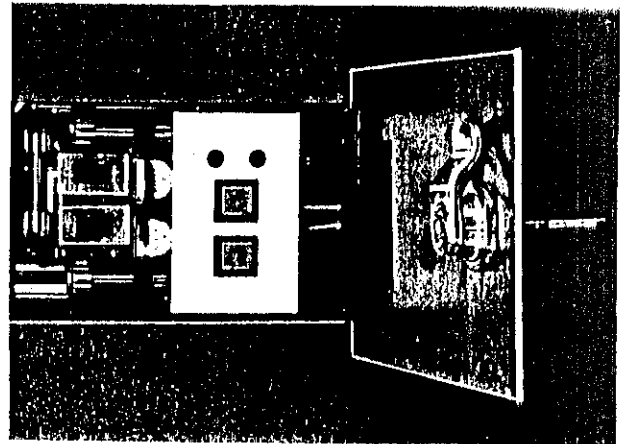
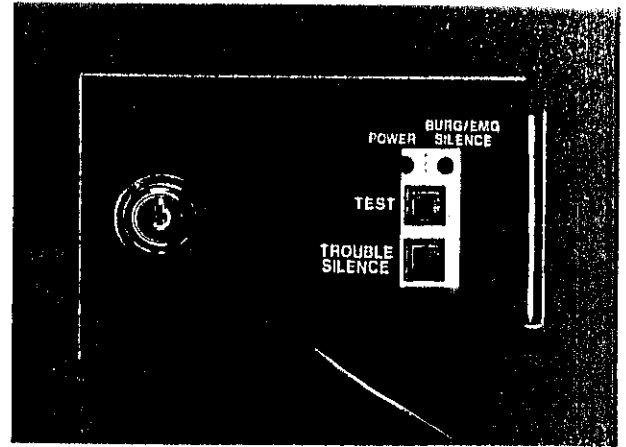
When the green light is "ON" it indicates that there is power to the system.

When the red light is "ON" it indicates that the burglary or emergency alarm has been silenced.

When the red light "flashes" it indicates a low battery condition. You should notify your service department when the red light "flashes".

When the door is opened you will note two switches beside the face plate with the buttons. The top switch is the service/normal switch for turning "OFF" the entire system. At certain times it could be necessary to turn the system to service "OFF" (such as remodeling with workmen continually coming and going).

The lower switch should not be touched as it is for service applications ONLY.



## USING YOUR WESTEC SECURITY ALARM SYSTEM

The "Continuous State Circuit Analyzer" is constantly monitoring your system for any malfunction in the wiring. Whether your system is "ON" or "OFF", it is active 24 hours per day monitoring for Fire and Emergencies. The burglary portion of your system can be armed and disarmed as required, and should be on at all times your home is not occupied or during the time you are sleeping.

### Operating The System

Before attempting to arm the system make sure that the green light is "ON". If it is not "ON", check all sensed areas to be sure that they are in the proper condition (*that is, doors are properly closed, etc.*). If any of the sensed areas are in the alarm mode (*the interior sensors blocked or doors open*), the green light will be "OFF" and the system will not arm when the code is entered.

The burglary system can be armed and disarmed from any Touch Pad Terminal. The system can be armed at one location and disarmed at another. For example, when returning home in the evening, the system may be disarmed from the entrance, but upon retiring at night it could be armed from the bedroom.

It is possible to have the external (*perimeter*) protective circuit active while having the internal circuit off, to allow free movement inside your home. To turn the internal circuit "OFF" or "ON" depress the proper code.

In the event that your Westec system is activated accidentally, it is important to disarm the alarm as soon as possible by the entering the disarm code at the nearest Touch Pad Terminal.

*(Your Westec distributor will provide exact procedures to follow in such an event).*

## WHEN YOUR SYSTEM IS IN ALARM

If your Westec security system should go into an alarm condition:

- A loud audible warning will be heard throughout the home. There is a distinct warning sound to distinguish between Burglary, Fire and Emergency.
- Simultaneously, the system contacts the manned Central Station and immediately reports your location and the nature of the alarm.
- In addition, the system has the capability of Direct Voice Command which allows the homeowner to communicate directly to the manned Central Station. In the event of any alarm the system will emanate a distinct sound for the particular event. This sound will continue until data has been transmitted to the manned Central Station. Then the sound will stop (*except during fire*) for approximately 30 seconds to allow the homeowner to speak (*in a normal voice*) to advise the exact nature of the emergency.

## TESTING YOUR SYSTEM

To assure that your system is working properly, the system should be tested on a regular basis. To test, depress the TEST button on the Computerized Command Center twice. The system will immediately cycle through all the alarms to assure that all reporting functions are working properly and reporting to the manned Central Station.

The Westec security system is designed to provide you with many years of reliable trouble-free protection. Your Westec distributor is a professional . . . trained and experienced in all phases of security protection.

## REMOTE TERMINAL

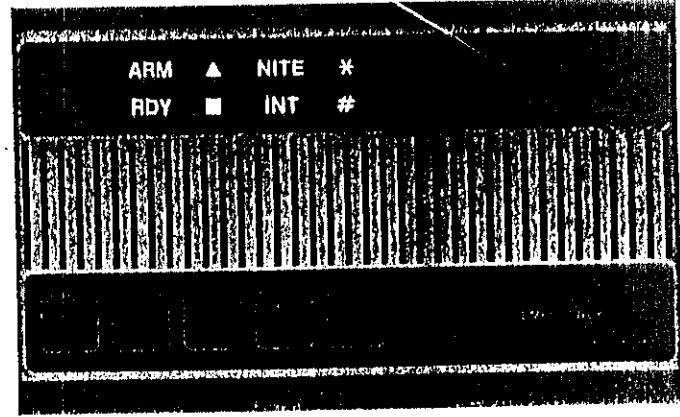
This terminal contains a display panel with a switch panel containing six touch pads and an emergency touch pad.

Placed in one or more strategic locations in your home, the Remote Terminal provides the following important functions:

- 0 Arms/Disarms the System
- 0 Direct Voice Command
- 0 Emits Different and Distinct Audible Noises in the Event of:
  - a. Burglary
  - b. Fire
  - c. Emergency
  - d. Trouble in the System

It visually displays the following status of the system:

- 0 Ready to Arm
- 0 System Armed
- 0 Interior Protection On or Engaged



## Arming And Disarming The System

Function:

Arms and disarms (*turns system on and off*) by simply entering a combination code by depressing the Touch Pad in the proper sequence.

As each digit is entered on the Touch Pad, the yellow "INT" light will blink to indicate that the digit has been accepted properly. If an error is made in entering the code, simply wait 2 seconds and re-enter your correct code.

**Note:** The Touch Pads are not numbered to provide additional security.

**Note:** By using the proper code you may arm the perimeter part of your system and leave the interior "OFF," allowing you the freedom to move about the home yet having the exterior portion of your protection "ON."

## Display Panel

The display panel contains the following status when illuminated.

**RDY Light** - When illuminated this light indicates the system is ready to arm. If not illuminated, then a door may still be ajar or some obstacle may be blocking an interior trap.

**Note:** This safety precaution will prevent arming the system and leaving the house with some area not protected.

**Example:** Green light "ON" - system can be armed  
Green light "OFF" - system cannot be armed

**ARM Light** - When illuminated this light indicates the system is armed.

**INT Light** - When illuminated the interior light indicates that the interior protection is engaged.

**Note:** The interior protection CANNOT be activated unless the entire system including the perimeter is armed.

## Direct Voice Command

**Function:**

In addition the terminal has the capability of **Direct Voice Command** which allows the homeowner to communicate directly to the manned Central Station. In the event of any alarm the system will emanate a distinct sound for the particular alarm event. This sound will continue until data has been transmitted to the manned Central Station, at which time the sound will stop (*except during fire*) for approximately 30 seconds, thereby allowing the homeowner to speak (*in a normal tone*) to advise the exact nature of the emergency.

## MASTER STATUS TERMINAL

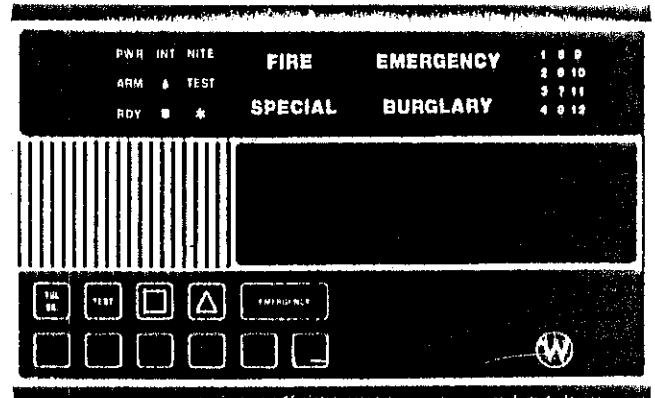
If your system has this optional feature, this exclusive and unique terminal is a most valuable component of your Westec system. It provides, on a 24 hour basis, the status of protection in your home in both a visual and audible manner. In addition, the flexibility of the system is increased by allowing you to customize the system to individual and family needs when required.

The following features are exclusive to the Master Status Terminal:

- Visual Alarm Status
- 12 Zone Display
- Alarm Memory
- Select-A-Code
- Entry/Exit - Delay to instant
- Door Guardian

Additional features of the Master Status Terminal are:

- Arm/Disarm System
- Direct Voice Command
- Emergency Button
- Ready Light
- Interior Light
- Continuous State Circuit Analyzer



### Visual Alarm Status

#### Function:

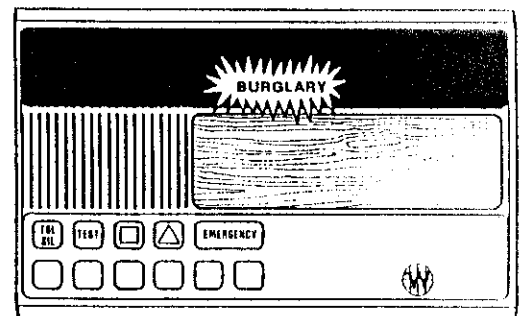
To notify the homeowner of what problem is occurring in the home.

Example: You have retired for the night and someone attempts forcible entry into your home.

A warning sound will alert you and the word BURGLARY will flash "ON" and "OFF" on the display panel.

The panel will also identify in the same manner whether the problem is:

- Fire
- Emergency
- Special



## Twelve (12) Zone Display

### Function:

1. Indicates status of up to 12 independent zones of protection.
2. Indicates point of attempted break-in.
3. Indicates location of any problem in wiring circuit, should such a problem occur.

### Example:

1. Status of protected areas:

**ARMING SYSTEM** — when you are ready to arm the system with one or more protected areas open, the following will occur:

The green ready light will not be illuminated but the zone light 3 will be illuminated advising you that the back door is not closed (*zone 3 in this example is assigned to the back door*).

2. INDICATION OF POINT OF ENTRY — when system is armed and you have retired for the evening all zone lights are out. Should someone attempt forced entry through the back door thereby setting off the burglary alarm, the zone light 3 in addition to the word **BURGLARY** will illuminate advising the exact area of the house being entered.

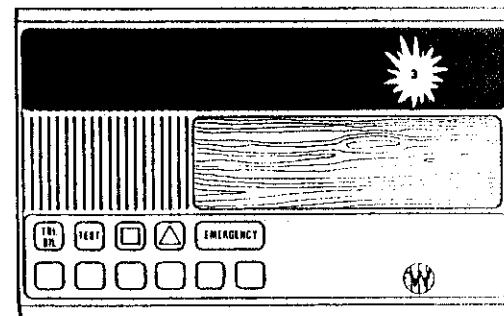
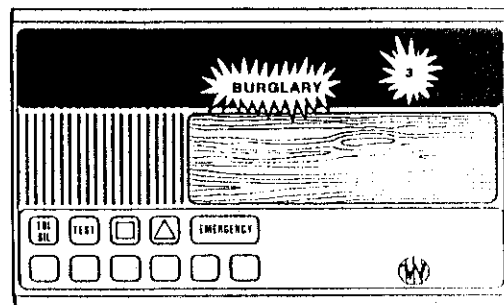
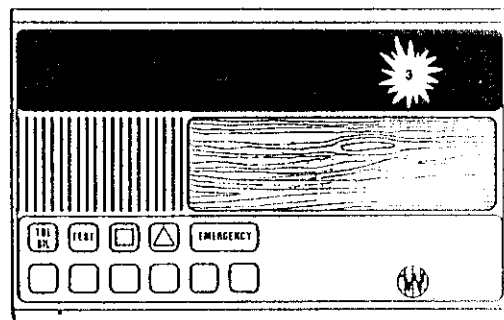
3. WIRING TROUBLE INDICATOR — the "Continuous State Circuit analyzer" is constantly monitoring all zones (*whether system is armed or not*) for any possible malfunction in the wiring.

In the event of any trouble in the burglary circuit, the specific zone that is having trouble will flash on and off and a low level sound will be heard throughout the home.

The back door which is zone 3 is short circuited. The zone 3 light will flash in addition to the low level sound.

The system can distinguish between an intruder or a short in the burglary circuit.

**Note:** Should a malfunction occur other than in the burglary circuit, a low level sound is heard throughout the home, but a zone light will not flash indicating the problem is not in the burglary circuit.



## Alarm Memory

### Function:

Allows the homeowner to recall sequences of intrusion when burglary zones have been violated.

### Example:

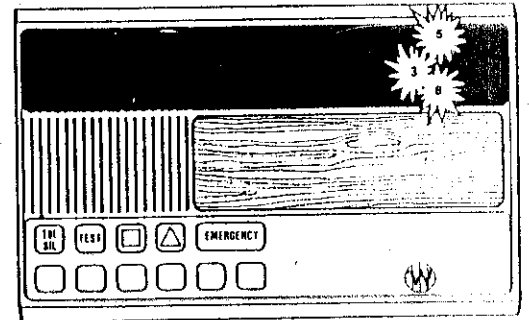
Homeowner arms the system in the morning and leaves for the day.

An intruder attempts to break into the home and the alarm goes off, frightening the intruder away. Upon returning, the owner goes to the Master Status Terminal and depresses the alarm memory hidden button (*this button will be determined at time of installation*).

The alarm memory will reproduce the points of attempted intrusion on the MST control panel screen.

The zones that have been violated will light up approximately two seconds apart in the sequence of violation.

**NOTE:** If more than 3 zones have been violated the additional zones will also be noted.



## Select-A-Code

### Function:

Allows the homeowner to add a temporary code for days when a maid, service personnel, or guests are expected and those people have a need of entry or exit on those days.

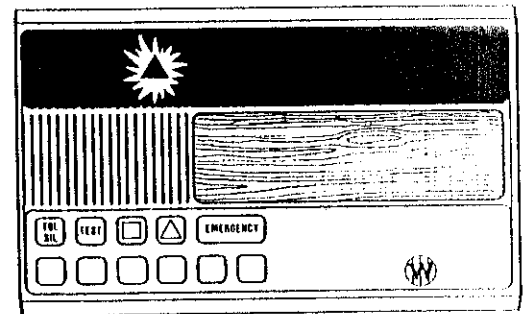
### Example:

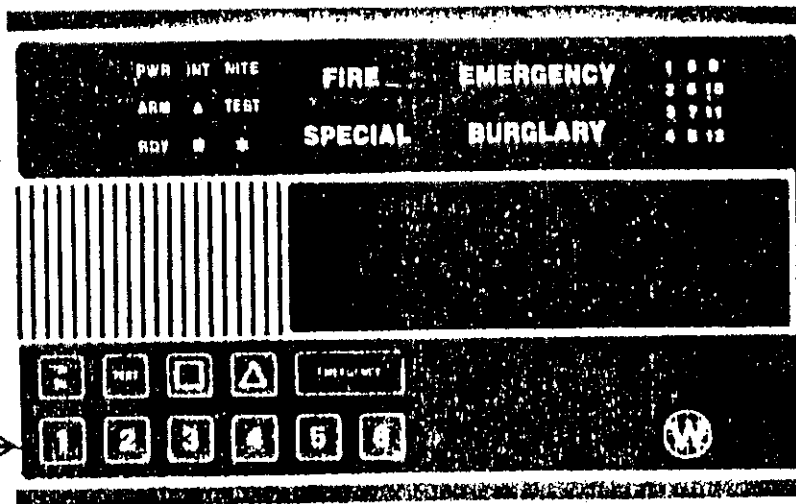
The homeowner is expecting a maid at 10 a.m. but must leave the house at 8 a.m. Prior to leaving the house the owner depresses the  $\Delta$  Touch Pad symbol and inserts a special activation code, thereby engaging Select-A-Code.

### NOTE:

1. The  $\Delta$  light will illuminate indicating the system will now accept the maid's code to disarm the system and arm the system upon leaving.
2. When the light is on the maid can use the system. When the light is off the maid cannot use the system.
3. When the homeowner returns to the residence, the regular code is used to disarm the system.
4. Then to remove the temporary Select-A-Code, depress the  $\Delta$  symbol and the special code. The illuminated  $\Delta$  symbol will go out which indicates that the Select-A-Code can no longer be used.

The Select-A-Code can be changed or removed by the homeowner at any time. (*Your Westec Distributor will provide instructions.*)





*MST OPERATION*

Arm/Disarm/Reset	<i>KEY #1 + CODE</i>
Duress	<i>#5 " "</i>
Internal	<i>#3 " "</i>
Second Internal	<i>#2 " "</i>
Force Arm	<i>#6 " "</i>
Maid Enable	<i>#4 " " ONLY WHEN A IS ON -</i>
Nite	<i>□ + 3 ON + OFF?</i>
Door Guardian	<i>□ + □ " " "</i>
Alarm Memory	<i>W W</i>



Note: Combos 1, 2, 3, 4, 5, 6,  $\Delta$  can have combination lengths from 2 to 7 digits.

Standard Features:

- ARM/RDY : Used for arming, disarming and resetting.  
Your Arm Code is 1 + THEIR CODE
- INT. : Interior used for shunting zones 1 (2, 11, 12).  
Your INT. Code is 3 + CODE THEIR
- : Door Guardian on/off - push twice to turn on, twice to turn off. SYSTEM will BEEP-WHEN DOORS OPEN. WHEN ON.
- NITE : When pushed turns on/off the night function (bypass entry/exit delay). Your Nite Combo is  #3.
- W** : Alarm Memory when pushed twice causes zone annunciator to show sequence in order of activation of last burglary alarm. 1-12

Optional Features:

DURESS: When used this code will disarm the burglary system and send a silent duress code.  
Your Duress Code is 5 + CODE. DISARM ONLY

\* : Used for shunting zones 9, (10).  
Your \* Code is 2 + CODE. IF USED

$\Delta$  : Used for turning on and off code combo 4. MAIDS CODES. SELECTARY CODE  
Your  $\Delta$  Code is ~~4 + CODE~~. ARM-DISARM

SELECTA-CODE : Controlled by  $\Delta$  combo. When on this combo will arm, disarm, and reset, or can be an arm only combo.  
Your Selecta-Code is 4 + MAIDS CODE.

This code can be reprogrammed by the following steps: Hit  $\Delta$  (primary code) then

1. Push button 4 first
2. Push the  $\Delta$  code- BUS CODE
3. Enter the new 4 code- MAIDS CODES.

Note: The first digit, #4 is already programmed in.

4. Push the  $\Delta$  button

EXAMPLE:  $\Delta$  combo is  $\Delta$  256

New number desired is 1162.

To change the #4 code you would push:

4  $\Delta$  2561162  $\Delta$  ←

The new #4 code is 41162. A

FORCE ARM: Used to force arm the burglary system around open zone  
Your force arm Code is 6 + CODE.  
(Code must be different from Primary Code)

*Turn system off if it work + door open*

*Sometimes disarm for secondary - Abb. Opt. code - Option has false alarm not to be*

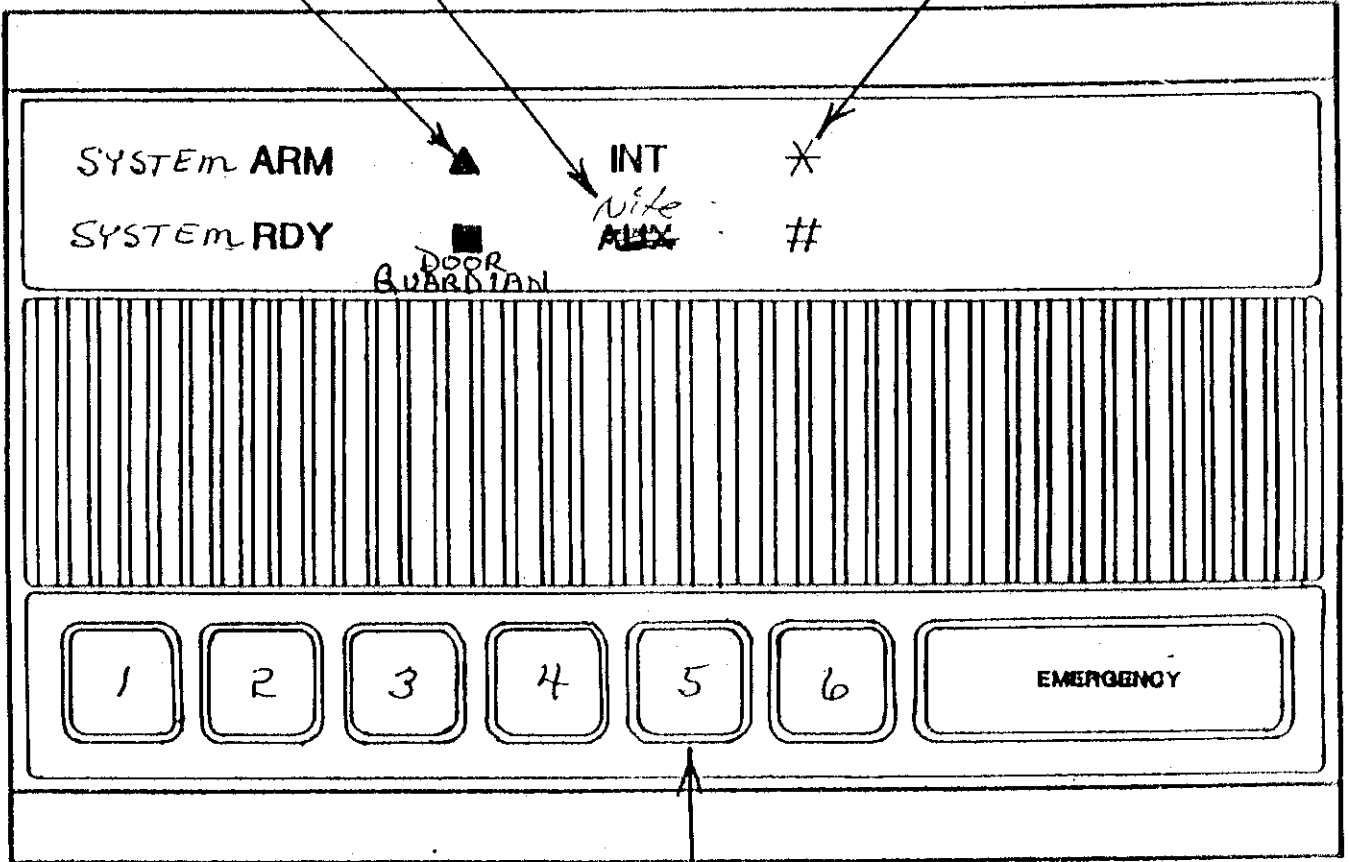
FRONT VIEW

Front door, left  
Shelby, window  
System

WHEN ON  
MAIDS CODE CAN  
BE USED

WHEN ON  
NO TIME DELAYS

2ND INTERIOR  
IF USED.

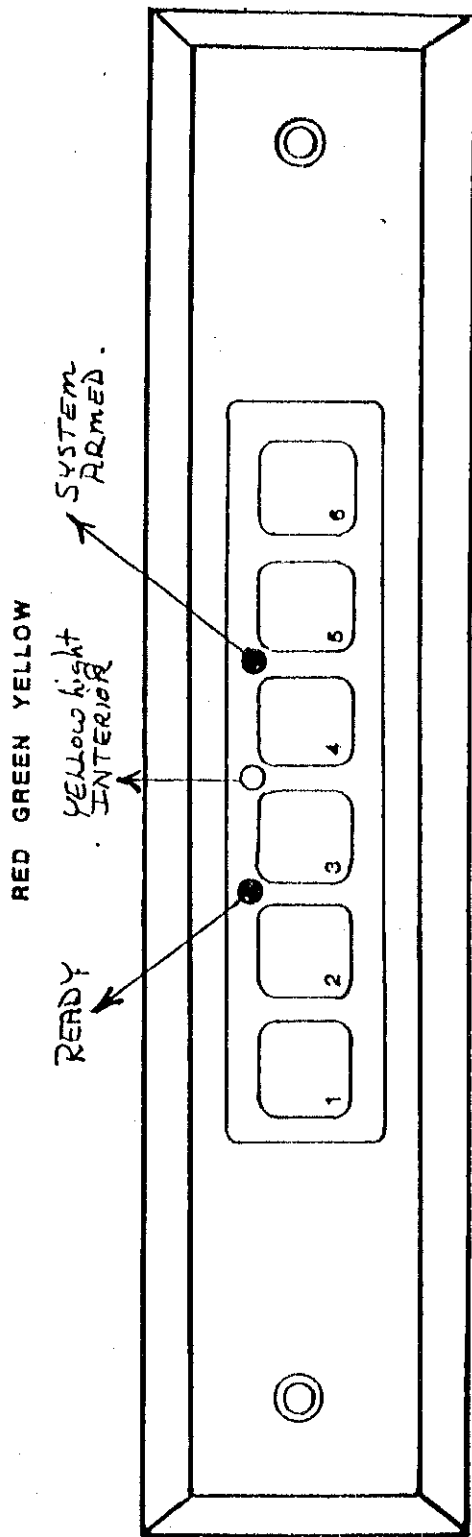


700-760 ONLY  
TURNS INT INTERIOR  
ON & OFF

992

FRONT VIEW

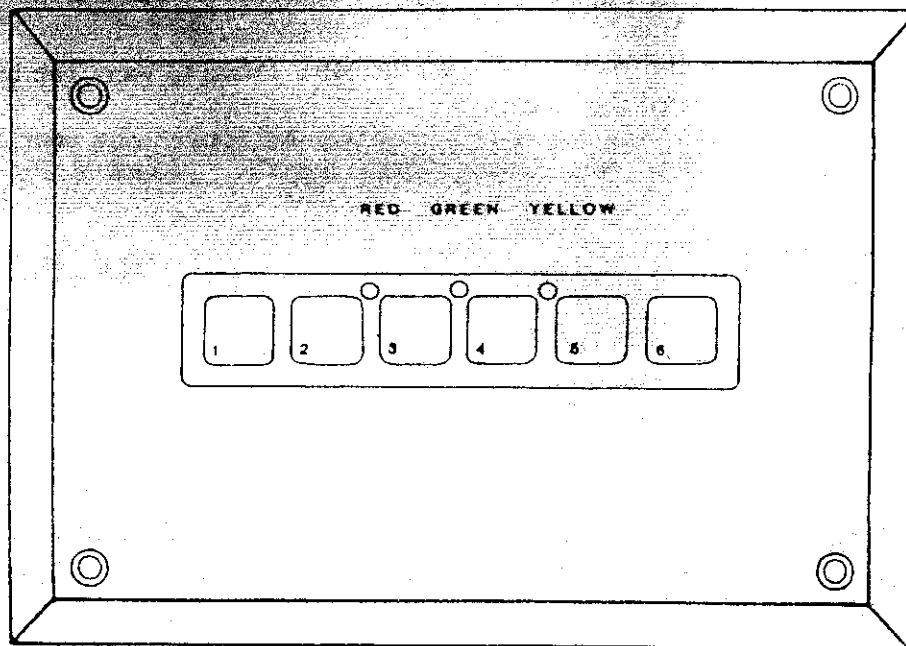
O.T.P. OUTSIDE TOUCH PAD "GARAGE USE"



NOTE: NUMBERS AND LETTERING SHOWN ON PLATE ARE FOR REFERENCE ONLY.

## 900-901, General Information

- System Key** Small brass or chrome key, looks like a padlock key. Key has number ESS 094 or ES 094.
- On-Off Switch** Located behind door on main box. Switch is on TOP and is longer than the switch on the bottom. DO NOT use the switch on the bottom, you may erase the system's codes.
- Trouble Silence** Press button marked TRBL SILENCE on front of main alarm box twice. This will not affect using the System.
- Test** Press button marked TEST on front of main alarm box twice. Remember that Burglary must be disarmed or the system will not test.
- Interior Sensors** Primary interior sensors on or off, use the code that starts with 3. Secondary interior sensors on or off, use the code that starts with 2.
- Nite** On the MST keypad, press the Square button then the 3 button.
- Force Arm** Use the code that starts with 6.



**NOTE:** NUMBERS AND LETTERING SHOWN ON PLATE ARE FOR REFERENCE ONLY.

## 900 - 901 Alarm Reset and Codes

### Fire Reset

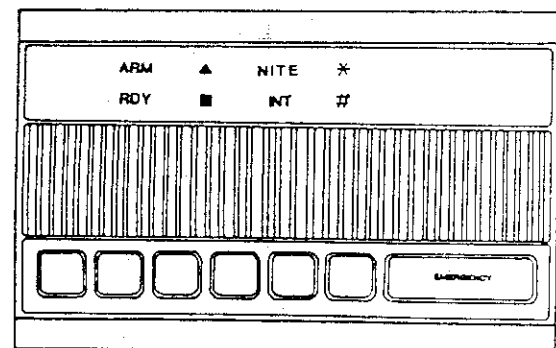
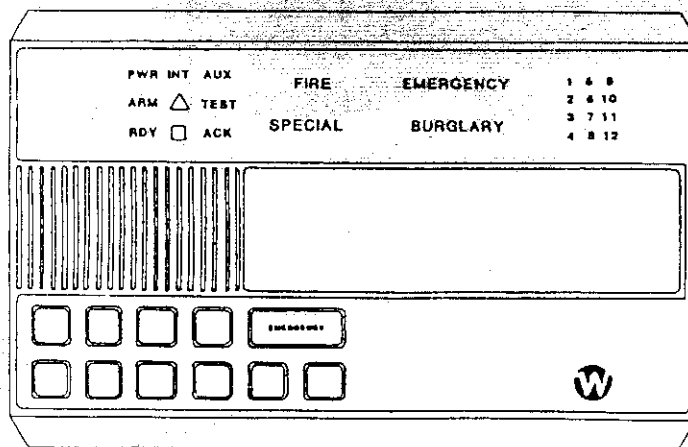
1. Enter the ARM/DISARM code TWICE.  
This will quiet the Alarm Noise and reset the Smoke Detectors.

### Burglary and Emergency Reset

1. Enter the ARM/DISARM code.  
This will quiet the alarm noise. In the case of Burglary it will also disarm Burglary. Rearm the system before you leave.

### Codes

1 Code	Used to Arm, Disarm and Reset Alarms
2 Code	Used to Shunt Secondary Interior
3 Code	Used to Shunt Primary Interior
4 Code	Maids Code - Will Arm/Disarm System If Triangle Light Is Turned on
5 Code	Used to Trigger Duress Note: the Functions for the 1 Code and the 5 Code May Be Reversed
6 Code	Used to Force Arm the System Around an Open Zone
Triangle Code	Used to Turn Temporary (Maids Code) on or off
Square Code	Press the Square on the MST Twice to Turn Door Alert on or off
Nite Code	Press Square Then 3 to Turn Nite on or off
Alarm Memory	Press the Westec Logo on the MST Twice to view The Last Zone That Activated the System



## 901 Operating Instructions

### ARMING

1. Green ready light (RDY) must be on to arm system.
2. If interior protection is not on, turn it on (See Shunting).
3. If no green (RDY) light, check zones (1-12) on master panel.
4. Correct violated zone.
5. Enter #1 + code, red light (ARM) goes on.
6. Exit within delay period.

### DISARMING/CANCEL (ABORT)

1. Enter #1 + code, red light (ARM) goes off.
2. If entering through a delayed door, disarm system within delay period. (Low Warning Tone will sound and red light will flash during delay period).

### SHUNTING

1. To add or delete internal protection, (enter #3 + code, (INT) appears (Yellow light on Outside Touchpad).
2. To add secondary interior enter #2 + code (Asterisk (\*) appears. No light on Outside Touchpad).

### FORCE ARM

1. Open zone you wish to delete. (Zone will display on MST).
2. Enter #6 + code. (This eliminates any violated zones when armed).

### EMERGENCY RE-SET

1. Enter #1 + code (if red (ARM) light appears, enter #1 + code again).

### FIRE RE-SET

1. Enter #1 + code, (fire system will only reset if smoke or heat has cleared from device).
2. If fire does not reset, go to blue control box, open door and turn off top slide switch.

### TEST

1. Push TEST button twice. (System will cycle and reset automatically when test is completed).
2. Central Station will call and ask for identification code.

(over)

### TEMPORARY CODE

1. Turn on: Enter triangle  $\triangle$  + code (  $\blacktriangle$  appears on master panel).
2. Turn off: Enter triangle  $\triangle$  + code (  $\blacktriangle$  disappears) - temporary code will not work.
3. To change code: Enter in sequence (4 +  $\triangle$  + code + new code +  $\triangle$  ).

Note: The number 4 is automatically entered as the first digit of the alternate code, your selection of numbers will follow the number 4.

### DOOR GUARDIAN

1. Enter  $\square$  twice, (violation of any zone sounds tone).  
Note: Turn off interior (INT) if you do not wish to have interior device(s) sound tone.

### NITE: Eliminates Delay (if used)

1. Enter  $\square$  + 3, (NITE) will light on panel. Time delay on door(s) is now eliminated.
2. Enter  $\square$  + 3, (NITE) goes off on panel, delay reactivated.

### DISARM-UNDER-DURESS

1. Enter #5 + code, (only when armed). Police will be dispatched. Note: This is a silent signal. There is no way to cancel this code.

### ALARM MEMORY

1. Enter  $\textcircled{W}$  twice, (master panel will indicate zone(s) involved in last burglary alarm).

### TROUBLE SILENCE

1. Enter trouble silence (TBL SIL) once (this will silence any intermittent trouble sound).
2. Call for Service. (Green power light (PWR) will continue to flash until problem is corrected).

### SPECIALS (i.e., Freeze Detection)

1. Automatically reset when sensor is restored to normal condition.

## 901 Operating Instructions

### ARMING

1. Green ready light (RDY) must be on to arm system.
2. If interior protection is not on, turn it on (See Shunting).
3. If no green (RDY) light, check zones (1-12) on master panel.
4. Correct violated zone.
5. Enter #1 + code, red light (ARM) goes on.
6. Exit within delay period.

### DISARMING/CANCEL (ABORT)

1. Enter #1 + code, red light (ARM) goes off.
2. If entering through a delayed door, disarm system within delay period. (Low Warning Tone will sound and red light will flash during delay period).

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1. To add or delete internal protection, (enter #3 + code, (INT) appears (Yellow light on Outside Touchpad).
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### FORCE ARM

1. Open zone you wish to delete. (Zone will display on MST).
2. Enter #6 + code. (This eliminates any violated zones when armed).

### EMERGENCY RE-SET

1. Enter #1 + code (if red (ARM) light appears, enter #1 + code again).

### FIRE RE-SET

1. Enter #1 + code, (fire system will only reset if smoke or heat has cleared from device).
2. If fire does not reset, go to blue control box, open door and turn off top slide switch.

### TEST

1. Push TEST button twice. (System will cycle and reset automatically when test is completed).
2. Central Station will call and ask for identification code.

(over)

### TEMPORARY CODE

1. Turn on: Enter triangle  $\triangle$  + code (  $\blacktriangle$  appears on master panel).
2. Turn off: Enter triangle  $\triangle$  + code (  $\blacktriangle$  disappears) - temporary code will not work.
3. To change code: Enter in sequence (4 +  $\triangle$  + code + new code +  $\triangle$  ).

Note: The number 4 is automatically entered as the first digit of the alternate code, your selection of numbers will follow the number 4.

### DOOR GUARDIAN

1. Enter  $\square$  twice, (violation of any zone sounds tone).  
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1. Enter  $\textcircled{W}$  twice, (master panel will indicate zone(s) involved in last burglary alarm).

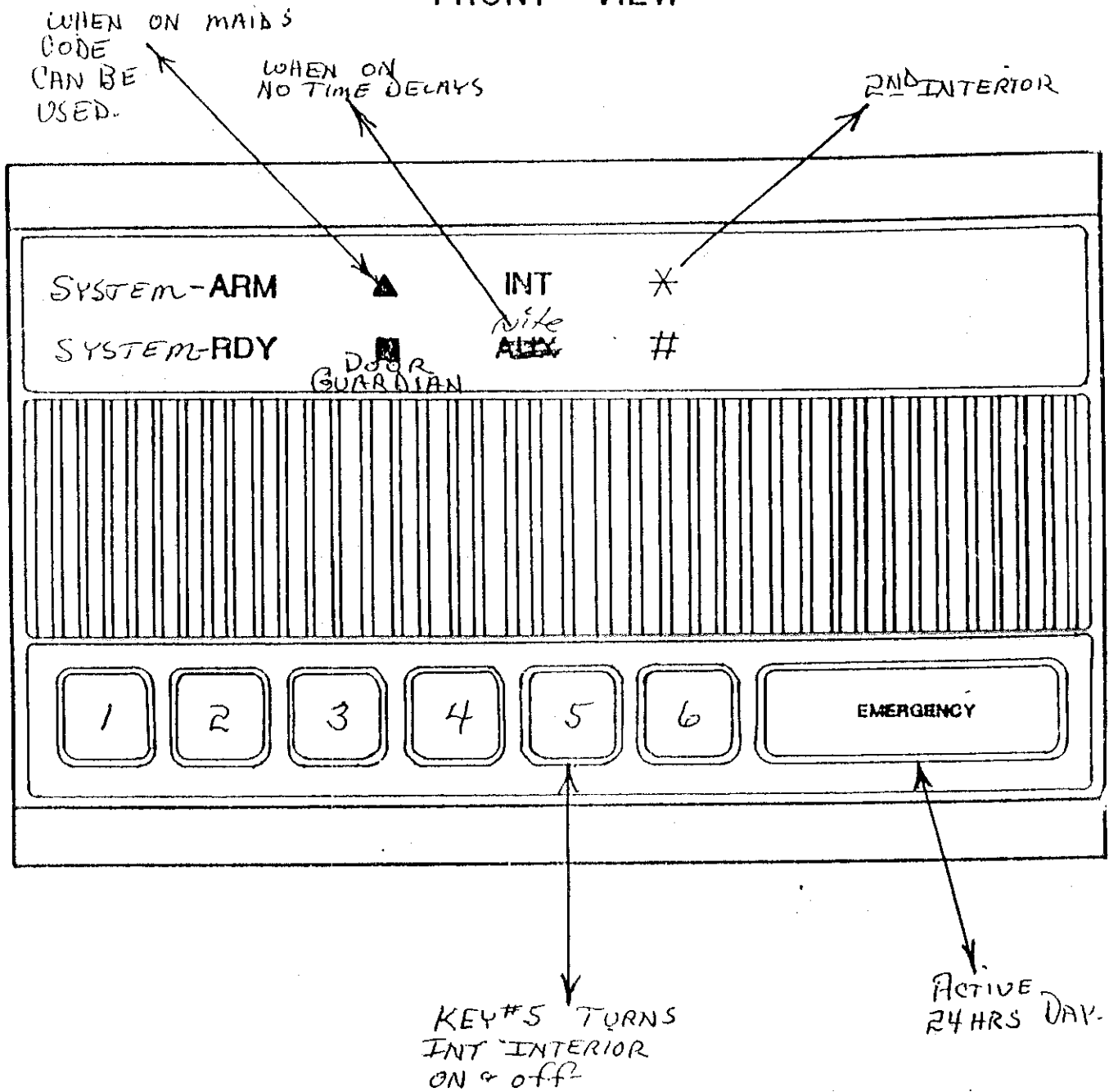
### TROUBLE SILENCE

1. Enter trouble silence (TBL SIL) once (this will silence any intermittent trouble sound).
2. Call for Service. (Green power light (PWR) will continue to flash until problem is corrected).

### SPECIALS (i.e., Freeze Detection)

1. Automatically reset when sensor is restored to normal condition.

FRONT VIEW



Test - button on blue box (last Com. piece)

992

FRONT VIEW

"O.T.R." OUTSIDE TOUCH PAD.

