

SMART

PROTECTION

OWNER'S

MANUAL



**Westinghouse
Security Systems**

THANK YOU

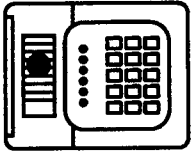
Thank you for choosing the Westinghouse SMART PROTECTION Security System. The SMART PROTECTION Security System is a supervised system that should provide you with many years of protection. This manual will further acquaint you with the SMART PROTECTION Security System and its uses. Please keep it on hand for your future reference. Thank you again for allowing us to contribute to your peace of mind.

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Westinghouse Security Systems Customer Service: 1-800-654-6770

CONTROL PANEL AND TOUCHPADS



CONTROL PANEL Part No. 60-383

The heart of your SMART PROTECTION Security System is the Self-Contained Control Panel. Typically, it is located on a wall near the main entrance and exit. The system functions are controlled by the built-in touchpad on the face of the unit.

The Control Panel contains the electronic microcomputer circuits that control and monitor your system. It receives information from sensors which are strategically placed throughout the premises, from Wireless Touchpads and the built-in Touchpad. It sounds sirens, produces voice announcements from the built-in speaker and can report Alarm/Trouble signals to the Central Station.



HANDHELD WIRELESS TOUCHPAD Part No. 60-389 (Optional)

This touchpad adds convenience by allowing you to change or check the system status without having to go to the Control Panel. The small size makes it easy to carry around the premises or you can slip it into your pocket or a purse.

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WIRELESS SENSORS AND DETECTORS



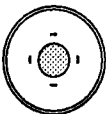
DOOR/WINDOW SENSORS Part No. 60-135

These sensors detect the opening and closing of doors and windows. Special locations such as drawers, display cases and firearms cabinets may also be protected with Door/Window Sensors.



PASSIVE INFRARED MOTION SENSORS Part No. 60-104

Passive Infrared Sensors are designed to detect the body heat of an intruder who enters its field of view. In a home, Passive Infrared Sensors are normally used to protect valuables in the living room, dining room or master bedroom area.



SOUND SENSORS Part No. 60-249 (Optional)

Sound sensors are designed to "hear" only the intense sounds caused by breaking glass or splintering wood if an intruder uses force to gain entry.



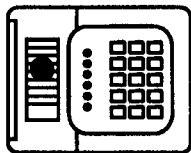
SMOKE SENSORS* Part No. 60-106 (Optional)

Smoke Sensors should also be part of your protection system. At a minimum, it is desirable to have at least one Smoke Sensor on each floor level of a home and one outside all bedroom areas.

* Please refer to the manufacturer's installation material, shipped with all smoke sensors, for specific information regarding the National Fire Protection Association standards.

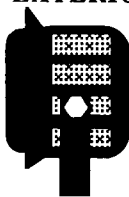
SIRENS

INTERIOR (Built-In)



An interior speaker is included with your SMART PROTECTION Control Panel and is intended to alert you of an emergency and frighten away an intruder.

EXTERIOR Part No. 13-046 (Optional)



The optional exterior siren provides louder volume for Fire, Police and Emergency alarms.

ALARM SOUNDS

The following is a summary of your alarm siren sounds.

FIRE ALARM: Steady tone siren.

POLICE ALARM: Slow ON-OFF-ON-OFF siren.

EMERGENCY ALARM: Fast ON-OFF-ON-OFF siren.

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STATUS SOUNDS

The interior speaker in your Control Panel also serves as a status annunciator. It provides an audible indication of the current protection level when the STATUS button is pressed. The following is a summary of the interior status sounds.

ONE BEEP: Indicates that you have successfully accomplished the task you have attempted, including disarming to level 1.

TWO BEEPS: Sounds when system is armed to level 2 and when the exit delay ends.

THREE BEEPS: Sounds when system is armed to level 3 and when the exit delay ends.

BEEP EVERY 15 SECONDS - TROUBLE INDICATION:

Indicates a low battery, a smoke sensor that has not reset or that a new alarm is in memory. Stops when access code is used. Repeats 24 hours after last time panel was used if fault still exists. Press the STATUS button for a voice announcement of the trouble.

VOICE MESSAGES

The following are some of the voice messages you will hear when the STATUS button is pressed.

Hello, Alarm System Is O.K. Indicates all sensors are closed and no TROUBLE conditions exist.

Sensor nn Trouble Indicates that sensor *nn* is not operating properly.

Sensor nn Low Battery Indicates that sensor *nn* has a low battery which must be replaced.

Sensor nn Bypassed Indicates that sensor *nn* is currently bypassed (not armed).

Sensor nn Open Indicates that the door or window connected to sensor *nn* is open. You must close the door or window before arming the system or you may bypass the sensor (see page 10).

Sensor nn Alarm Memory Indicates sensors in memory that were violated during the last arming period. Up to 4 numbers may be listed, the first of which was the first sensor to cause the alarm. Multiple sensors would sound like: "Sensor One Two Alarm Memory, Sensor One Six Alarm Memory, Sensor Three Alarm Memory", indicating sensor 12 caused the first alarm and 16 and 3 also went into alarm. Since a fourth was not listed, only 3 sensors were violated during the arming period.

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PROTECTION LEVELS

1
OFF

LEVEL 1 - OFF

If the system was ON it will turn OFF. All 24 hour detectors including Touchpad "Fire", "Police" and "Emergency" remain active. Level 1 should be selected to cancel an accidental alarm.

2
STAY

LEVEL 2 - STAY

All perimeter doors and windows will be armed. A delay period (factory set at 30 seconds) will allow you time to enter or leave a protected area.

3
AWAY

LEVEL 3 - AWAY

All sensors (both exterior and interior) will be armed. A delay period (factory set at 30 seconds) will allow you time to enter or leave a protected area.

PROTECTION LEVELS



NO DELAY

After you have armed the system to Level 2 or to Level 3, you can remove the entrance delay time by immediately pressing 4.



NEW ACCESS CODE

With the system OFF, it is possible to program a new Access Code. Simply enter your current access code, then "5" and you will hear one long beep. Immediately enter in your new 4 digit access code number. A voice message will repeat the new code when it is accepted.

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OPERATING INSTRUCTIONS

ACCESS CODE

The ACCESS CODE is your personal key to using the SMART PROTECTION Security System. By entering this four digit identification code on your touchpad, you can select any of the protection levels, cancel accidental alarms, test your system, etc.

ARMING AND DISARMING

First, close all your protected doors and windows. Then, enter your four digit access code on your touchpad immediately followed by the number of the protection level desired. Listen for Control Panel response.



HOW TO ARM YOUR SYSTEM WHEN STAYING HOME

(Perimeter sensors armed, interior off.)

1. Enter your personal access code.
2. Press the "STAY" (#2) button.
3. Listen for 2 beeps and the voice message

"Alarm System Is On Level 2."



HOW TO ARM YOUR SYSTEM WHEN LEAVING HOME

(All sensors armed.)

1. Enter your personal access code.
2. Press the "AWAY" (#3) button.
3. Listen for 3 beeps and the voice message

"Alarm System Is On Level 3."

4. Leave immediately.



HOW TO DISARM YOUR SYSTEM WHEN ARRIVING HOME
(System disarmed except for 24 hour sensors.)

1. Enter your personal access code
2. Press the "OFF" (#1) button.
3. Listen for 1 long beep and the voice message "Alarm System Is Off."

Note: Use this procedure to cancel any accidental alarms.



HOW TO ARM YOUR SYSTEM AT NIGHT, WITH EVERYONE HOME
(Night perimeter protection with no delays)

1. Enter your personal access code
2. Press the "STAY" (#2) button.
3. Listen for 2 beeps and the voice message "Alarm System Is On Level 2."
4. Immediately press the "NO DELAY" (#4) button.
5. Listen for 1 beep and the voice message "No Delay."

CAUTION! If you return home and find a burglary alarm condition, DO NOT ENTER. Contact your local Police department.

SPECIAL FEATURES



STATUS BUTTON

Press the STATUS button when the READY LED is not lit and a voice message will indicate which sensor or sensors are open.

Press and hold the STATUS button for 3 seconds and the panel will state the most recent alarm memory information (see page 16).

Press the STATUS button when the TROUBLE and POWER LEDs are flashing and a voice message will identify the sensor(s) that is not operating properly.



BYPASS BUTTON

Used to BYPASS open sensors. Press BYPASS within 1 minute of arming when an opening is not secure and the system will arm with that sensor bypassed.

CODE + BYPASS + SENSOR NUMBER

You can selectively bypass sensors using this procedure. After the system is armed, enter your CODE plus BYPASS plus the SENSOR number to be bypassed. For example, to bypass sensor five you would enter the following after arming the system: CODE + BYPASS + 05. The Control Panel will respond with the voice message "Sensor Zero Five Bypassed."

VISITOR ACCESS CODE

You can set a second four digit access code for temporary use by a babysitter, repairperson, neighbor, etc. This code will operate all of the system functions except it will not allow you to change your regular Access Code.

How to program the Visitor Access Code:

Enter your regular ACCESS CODE + 6 + VISITOR ACCESS CODE (4 digits).

After a short pause the Control Panel voice will repeat the Visitor Access Code and "Okay", when the code is accepted. Use the same procedure to change the Visitor Access Code.

How to disable the Visitor Access Code:

Enter your regular ACCESS CODE + 6 + your regular ACCESS CODE.

After a short pause the Control Panel voice will repeat the regular Access Code and "Okay", when the code is accepted.

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DURESS CODE

The Duress Code is a special four digit code which, when used, *secretly* and *silently* notifies the Westinghouse Central Monitoring Station of an emergency. Also, for your safety, the Control Panel LEDs do not activate.

The first two digits of your Duress Code are the same as the first two digits of your regular access code. The last two digits are different.

This code must be set by your authorized Westinghouse Security serviceperson.

How to use the Duress Code:

1. Enter your special four digit Duress Code.
2. Select any protection level.

<p>WARNING! Duress Code alarms <i>cannot</i> be cancelled. Be sure to never confuse your Duress Code with your regular access code.</p>
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EMERGENCY ALARM BUTTONS

If you have an emergency, you can sound the sirens and notify the Westinghouse Central Monitoring Station by pressing the emergency buttons on your SMART PROTECTION Control Panel.



POLICE PANIC: Press POLICE button twice within 3 seconds or hold for 3 seconds.



FIRE PANIC: Press FIRE button twice within 3 seconds or hold for 3 seconds.



EMERGENCY PANIC: Press EMERGENCY button twice within 3 seconds or hold for 3 seconds.

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STATUS/BYPASS BUTTONS

STATUS

STATUS BUTTON (Located behind Control Panel door.)

Press the STATUS button when the READY LED is not lit or is flashing and a voice message will identify any open sensors.

Press and hold the STATUS button for 3 seconds, enter CODE + STATUS or press COMMAND + STATUS and the panel will state the most recent Alarm Memory information (see page 20).

Press the STATUS button when the TROUBLE LED is flashing and a voice message will identify the sensor(s) that is not operating properly.

BYPASS

BYPASS BUTTON (Located behind Control Panel door.)

Used to BYPASS open/protesting sensors. For example, if you enter CODE + 3 and sensor 07 is open, the Control Panel speaker will announce "**SENSOR SEVEN OPEN**" and then emit a series of protest beeps. Press BYPASS within the *exit time delay period* and the panel will announce "**ALARM SYSTEM IS ON LEVEL THREE, SENSOR SEVEN BYPASSED.**" It is recommended that temporary users, such as baby-sitters, not be shown the Bypass procedure.

CODE + BYPASS + SENSOR NUMBER

You can selectively bypass sensors using this procedure. For example, to bypass sensor five you would enter the following after arming the system: CODE + BYPASS + 05. The Control Panel will respond with the voice message "**SENSOR ZERO FIVE BYPASSED.**"

BACK-UP BATTERY TEST

Test the system's back-up battery at least once per year with the AC power transformer disconnected. The Power LED will go out but the system should still operate normally.







When testing is completed be sure to resecure the AC power transformer **with** the retaining tab screw.

Battery capacity for emergency standby power is at least 1 hour.

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UNDERSTANDING THE DISPLAY

There are six status lights (LEDs) on the face of the Control Panel which indicate the current status of your system. The purpose of each LED is described below.

 POWER	POWER - (Green) ON - When AC power is ON and the back-up battery is good. OFF - When AC power is OFF. FLASHING - AC power is ON but the back-up battery is BAD.
Note: The TROUBLE LED will also flash during this condition.	
 READY	
 STAY	
 AWAY	READY - (Green) ON - When the perimeter and interior sensors are ready to arm. OFF - When the system cannot be armed. FLASHING - When perimeter sensors only are ready to arm.
 NO DELAY	
 TROUBLE	STAY - (Red) ON - When the system is armed to level 2, perimeter protection only. FLASHING - When system is armed to level 2 and sensors are bypassed.



AWAY - (Red)

ON - When system is armed to level 3, full protection.

FLASHING - When system is armed to level 3 and sensors are bypassed.

NO DELAY - (Red)

ON - When there are no delays set.

OFF - When delays are set (normal).

TROUBLE - (Red)

FLASHING - When something is not operating properly. Press STATUS button for voice message of problem.

OFF - During normal operation.

ALARM MEMORY INDICATION

The LEDs can also act as an Alarm Memory indicator. When the system is first disarmed after a new alarm has occurred, all 6 LEDs will flash indicating that an alarm occurred while the system was armed. Press STATUS and a voice message will announce which sensors caused the alarm and are now in memory. For example, "Sensor Six Alarm Memory." The LEDs will stop flashing once STATUS is pressed.

The Alarm Memory will not change until there is another alarm during another arming period. Press and hold STATUS for 3 seconds and the Control Panel will always announce the most recent alarms in memory.

SYSTEM STATUS

If the STATUS button is pressed when the system is disarmed and a sensor is open (READY light not lit) the Control Panel will announce which sensors are open. For example, a Status message might sound like:

"Sensor One Open, Alarm System Is Okay." or "Sensor One Two Open, Alarm System Is Okay."

TROUBLESHOOTING

AC POWER FAILURE

The Control Panel has an emergency back-up power supply that can power the system for up to 4 1/2 hours.

During an AC power failure the power LED will be off indicating the back-up battery is functioning properly. After 4 hours and 15 minutes of no AC power to your system, the Control Panel will send an AC FAILURE report to the Westinghouse Central Monitoring Station. When the AC power comes back on, the system will automatically re-arm to the previously set level.

DISRUPTED TELEPHONE SERVICE

Your security system is monitored by the Westinghouse Central Monitoring Station. This means your Control Panel is connected to your telephone system. In the event you find that your phone system does not work, unplug the Control Panel from its special phone jack. If your telephone still does not work, the problem is in the telephone system and not in your security system. If your telephone works after disconnecting the plug, call Westinghouse Security Systems for service.

WARNING: The Control Panel must be plugged back in to its special phone jack to provide alarm communications.

MAJOR SYSTEM FAILURE

Although it is unlikely, should your system become disabled, the Power Transformer should be unplugged. It is important to contact Westinghouse Security Systems.

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COMMONLY ASKED QUESTIONS

- Q. When testing my sensors, why doesn't my motion sensor (PIR) trip the control panel?
The red LED on the PIR doesn't seem to work either.**
- A.** The PIR has a Lock-Out Timer which prevents the sensor from transmitting more than once in 3 minutes. This feature prolongs battery life of the sensor. The red LED will not illuminate for the same reason. It is used as an indicator for the installer to determine the coverage area of the PIR.
- Clear all occupants from the area where the PIR is located for 3 minutes, then walk in front of the sensor. If there is still no response from the control panel call Westinghouse Security Systems for service.
- Q. What should I do when the lights on my control panel are scrolling?**
- A.** Press the STATUS button on your control panel. This should reset the lights and the control panel will announce the current status of your system.
- Q. Why do my phones go dead during an alarm condition?**
- A.** The control panel seizes your phone line long enough to send the alarm signal to the Westinghouse Central Station. If multiple alarms occur, the panel will seize the line until all signals are sent.

Q. What should I do if I accidentally set off an alarm?

- A. Immediately disarm your system to level 1 (see page 9). If you enter this command within 30 seconds the control panel should announce "Alarm Is Bypassed, Alarm System Is Off." This message indicates that you cancelled the alarm before the panel was able to communicate to the Westinghouse Central Station.

If the control panel only announces "Alarm System Is Off.", Alarm and Cancelled signals will be sent to Westinghouse Central Station. You should receive a phone call from Westinghouse Central Station confirming your cancellation of the alarm.

If you do not receive a phone call, contact Westinghouse Central Station at 1-800-ALARM-85 and ask if any signals were received from your system. If not, tell them you would like to do a Phone Test (see page 14). If the Phone Test signal is not received, immediately call Westinghouse Security Systems to schedule service for your system.

Q. How can I get delay time on another door?

- A. The system allows a maximum of 2 delay doors. If you only have one programmed for delay and would like to add another, call Westinghouse Security Systems to schedule a service call to do so.

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FCC COMPLIANCE: This equipment has been tested and is in compliance with FCC Rules, Part 15, Subpart J and E and Part 68 where applicable. Each device carries a label giving the specifics and conditions of compliance.

SERVICE: If you have any questions about your system, or if you ever need service, please contact Westinghouse Security Systems.

ALARM SYSTEM LIMITATIONS: Not even the most advanced alarm system can guarantee protection against burglary, fire or environmental problems. All alarm systems are subject to possible compromise or failure-to-warn for a variety of reasons:

- If sirens or horns are not placed within hearing range of persons sleeping or in remote parts of the house. Warning devices may not be heard if they are placed behind doors or other obstacles, or on levels distant from areas frequently occupied by residents. They also may not be heard because of outside noise or if a loud stereo or radio is playing. Even if the alarms are heard, occupants such as children, the elderly or the infirm may not have time to escape. Please consider the special needs of occupants when planning escape routes.
- If intruders gain access through unprotected points of entry or areas where sensors have been bypassed.
- If intruders have the technical means of bypassing, jamming or disconnecting all or part of the system.

- If power to detectors is disconnected or inadequate. Devices will not work if the AC power supply is OFF and back-up battery is either missing, dead or improperly installed.
- If smoke does not reach the sensor. Smoke sensors cannot detect smoke in chimneys, in walls or roofs, or smoke blocked by a closed door. They may not detect smoke or fire on a level of the building different from the one on which they are located. Sensors may not be able to warn in time about fires started by smoking in bed, explosions, improper storage of flammables, overloaded electrical circuits, or other types of hazardous conditions.
- If transmission lines are out of service. Communications from the Control Panel to the Westinghouse Central Monitoring Station cannot take place over lines that are out of service. Telephone lines are also vulnerable to compromise by any of several means. Fire may cause telephone lines to fail, or they may be cut by an intruder.
- Inadequate maintenance is the most common cause of alarm failure. Therefore, test your system at least once per week to be sure sensors, sirens, etc. are all working properly. After years of use, security equipment could wear out and need to be replaced.

Although having an alarm system may make you eligible for reduced insurance premiums, the system is no substitute for insurance. Warning devices cannot compensate you for loss of life or property.

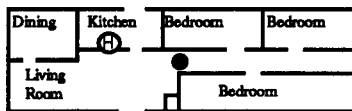
ESCAPE PLAN

Using the diagram below as an example, draw a floor plan of your home on the following page. Be sure to show exits from each room (two exits per room are recommended).

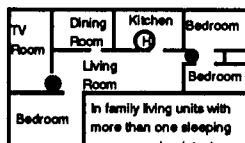
NOTE: Ceiling mounted smoke detectors should be located in the center of the room or hall, or not less than 4 inches from any wall. When the detector is mounted on a wall, the top of the detector should be 4 to 12 inches from the ceiling

NOTE: Do not install smoke detectors where normal ambient temperatures are above 100 F or below 40 F. Also do not locate detectors in front of AC/Heat registers or other locations where normal air circulation will keep smoke from entering the detector.

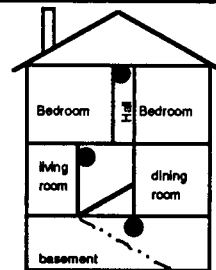
NOTE: Additional information on household fire warning is available at nominal cost from: The National Fire Protection Association, Batterymarch Park, Quincy, MA 02269. Request Standard No. NFPA74.



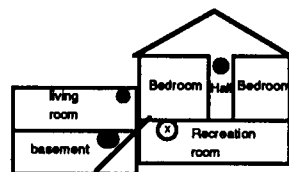
Smoke detectors should be located between the sleeping area and the rest of the family living unit.



In family living units with more than one sleeping area, a smoke detector should be located at each area.



A smoke detector should be located on each level.



Required smoke detector ●
Indicates smoke detector is optional if door is not provided between ceiling and recreation rooms.
Heat Detector (H)