

Handheld Remote

The Handheld Remote lets you operate your system from any room in the house. You can also turn all programmed lights on and off simultaneously or control each light individually.

IMPORTANT:

You may not be able to hear the system voice unless you are in the same room as the panel.

If you are controlling your system with a computer, you can perform everyday security operations with the Handheld Remote.

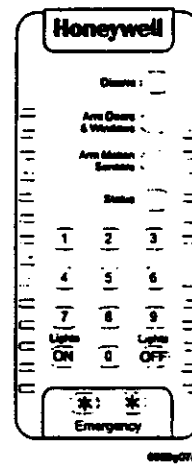


Fig. 6. Handheld Remote.

Best Location and How to Use

You can carry the Handheld Remote and use it anywhere it's convenient for you. The range varies depending on topography and how your home is constructed. Metal and mirrors interfere with the transmitting signals. Avoid using the remote in rooms with metallic wallpaper or mirrored walls.

The Handheld Remote buttons function as follows:

Disarm	Press to disarm the system. Use the numbered keys to enter your access code.
Arm Doors & Windows	Press once to arm.
Arm Motion Sensors	Press once to arm.
System Status	Press once to hear system status. Press twice to hear program information.
Lights ON	Press twice to turn all the lights on.
Lights OFF	Press twice to turn all the lights off.
Lights ON + Number	Turns the light or appliance mapped to unit number <i>N</i> on.
Lights OFF + Number	Turns the light or appliance mapped to unit number <i>N</i> off.
Emergency	Press and hold both buttons to turn on the siren and activate the Dialer (if a Dialer is installed).

Smoke Sensor

The wireless smoke sensor sounds if there is a fire or smoke in your home. It includes an alarm siren, a low battery annunciator, and a status light.

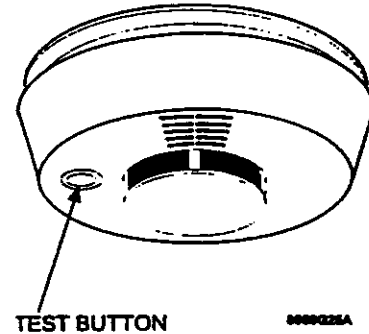


Fig. 7. Smoke sensor.

If there is an alarm, the smoke sensor automatically turns on all lights connected to X-10 Lamp Modules. The light helps you leave quickly in case there is a fire.

IMPORTANT: If your system includes an X-10 Siren—

Set the X-10 Siren's housecode one letter higher than the other housecodes; for example, if your housecode is D, set the X-10 Siren to E. If you don't, the siren will not sound during a fire alarm. For additional information, see the X-10 Siren and Smoke Sensor Installation Instructions.

Best Location

Install smoke detectors near sleeping areas and on each floor of the house. Avoid attics, kitchens, above fireplaces, dusty locations, and areas with temperature extremes. Use the instructions packaged with your smoke detector for complete information.

Motion Sensors

Motion sensors detect movement within a general area. They can be used indoors or outdoors. In an outdoor installation, be sure to select the outdoor motion sensor with the weather-resistant case, and designate the sensor "special chime".

Use motion sensors to protect locations where door/window sensors are impractical or not needed. For example, use a motion sensor to protect large areas, open floor plans, or a long hallway. If you live in an upper-level apartment, you might want to install a sensor to cover the balcony. Motion sensors also provide backup protection for door/window sensors.

In addition to protecting your home, you can use motion detectors to sound chimes or control lights. For example, you could have an outdoor motion sensor turn on the porch light and sound a chime whenever someone approaches your house.

Turn the motion chime on and off with the CHIME Special Motion button on the panel. (See the section entitled "Control Panel" for a complete description of the Special Chime feature).

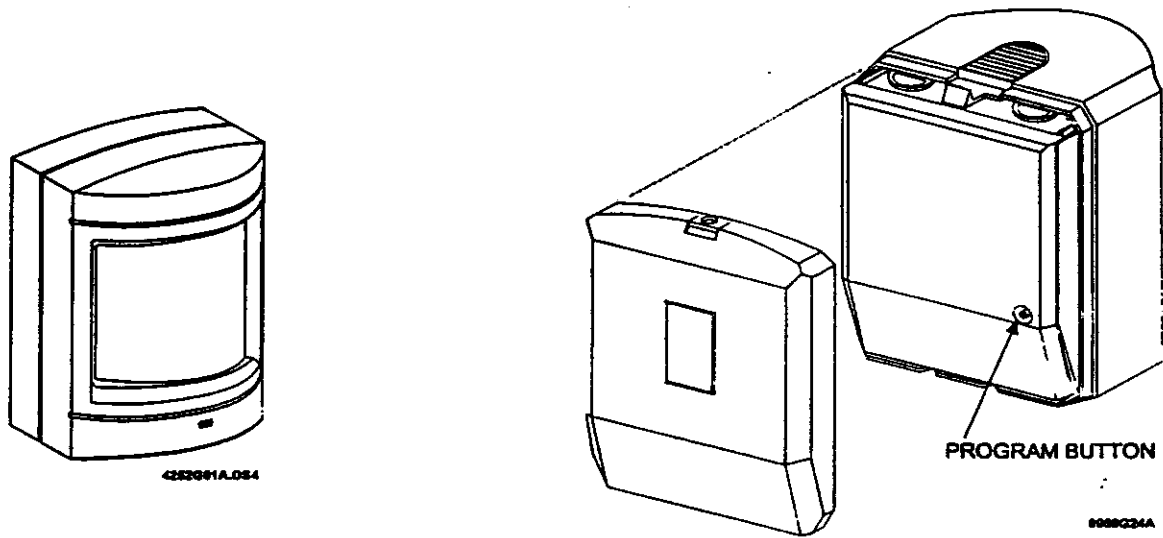


Fig. 8. Motion sensor.

Best Location Indoors

Select a central location for the motion sensor such as a hallway or dining room. It has a range of approximately 35 feet. Follow these guidelines when you plan its location.

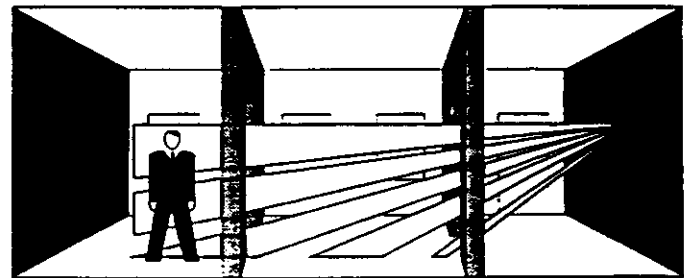
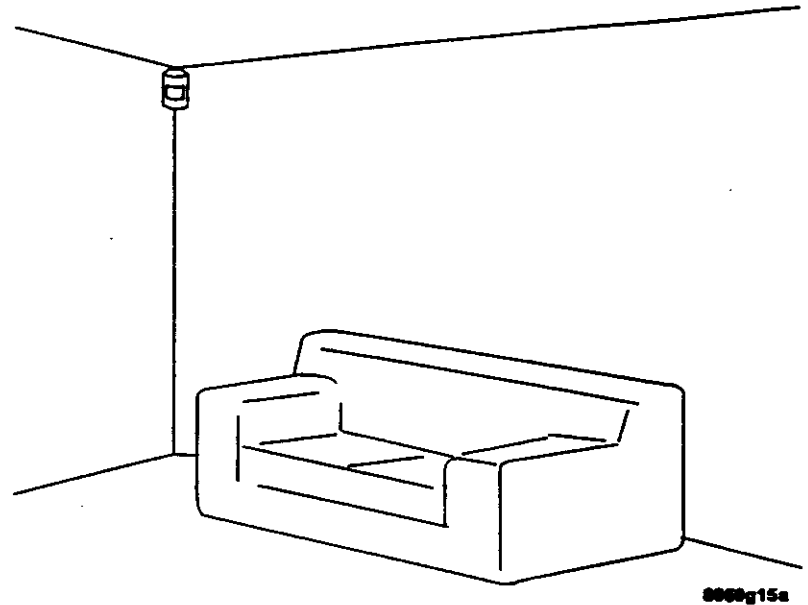


Fig. 9. Motion sensor placement.

- Position the sensor to protect an area where an intruder would be most likely to walk.
- Mount the motion sensor on an outside wall facing in.
- Position the sensor so it faces a solid reference point, like a wall.
- Do not aim the sensor at windows, fireplaces, air conditioners, area heaters, or forced air heating vents. Sudden changes in temperature may trigger a false alarm.
- For best coverage, mount the sensor from 5 to 8 feet high in the corner of the area you want to protect.
- Higher mounting provides better range, and lower mounting provides better protection close to the motion sensor.
- Mount the sensor permanently on a flat wall or in a corner. Do not set it on a shelf.
- Windows should be closed in any area which has an armed motion sensor.

If you have a pet:

A pet will trigger a motion sensor. Don't install a motion sensor where pets roam freely.

Best Location and Use Outdoors

An outdoor motion sensor is usually installed near the garage or front door. you can program the sensor so the garage lights go on and a chime sounds in the house when you drive or walk up to the house.

- Indoor motion sensor mounting guidelines apply to outdoor motion sensors.
- Do not use outdoor motion sensors for intrusion protection. Anything that walks past the motion sensor will set off an alarm. Designate outdoor sensors "special chime."
- Heat and cold extremes may affect outdoor motion sensors.

Dialer Module

Phone control for the system is achieved by installing the Dialer Module into the panel. It can store two different phone numbers and one message. The Dialer can contact you by phone if there is trouble at home. Your system will call the phone numbers you program and play back your recorded message.

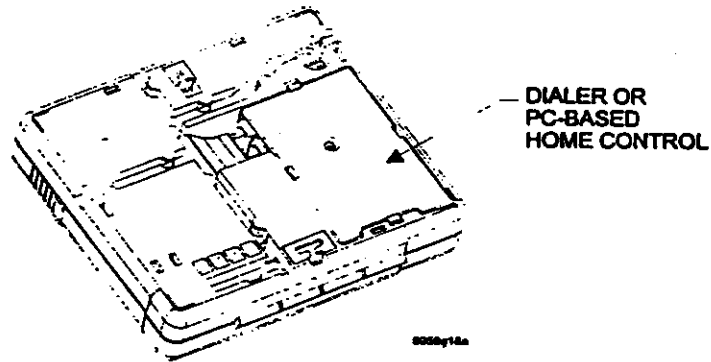


Fig. 10. Dialer Module.

Once the Dialer is installed, it will call you if:

- There is an alarm.
- There is an AC power failure.
- The system has not been disarmed by a certain time (Latchkey option).

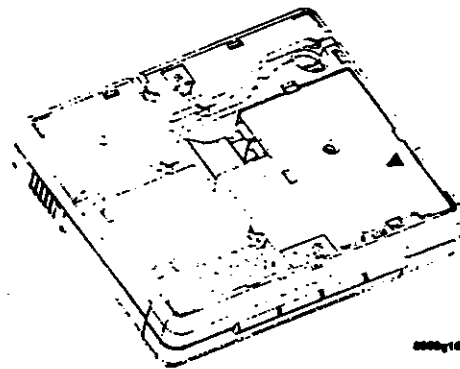
The Dialer calls both phone numbers each time the options you chose take place. For information on programming the Dialer, see the section entitled "Planning Options."

PC-Based Home Control

When you combine the power and organizing capabilities of your personal computer with the WatchWise Wireless Home Security system, your PC becomes a home control center. The PC manages and coordinates all features of your home—temperature, phone, lights, and security.

You will not have to leave your computer on all the time. You can use the control panel, Handheld Remote, or KeyChain Remote for easy and accessible everyday use.

PC-Based Home Control software runs on Windows 95.



- DIALER OR
PC-BASED
HOME CONTROL

Fig. 11. PC-based home control.

IMPORTANT:

Use your computer to program the system. Do not program the system with the control panel.

X-10 Modules

X-10 Modules let you use your system to control lights or appliances. You can have them turn on and off at specific times or when an event occurs.

The X-10 Powerhouse Universal Module allows you to open and close the garage door from your Handheld or KeyChain Remote.

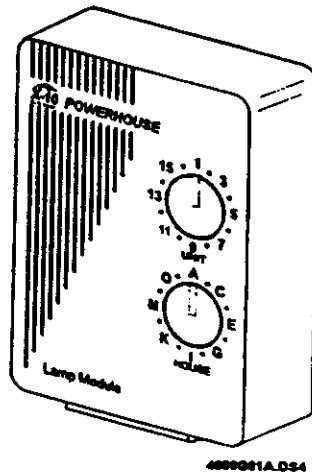


Fig. 12. X-10 Lamp Module.

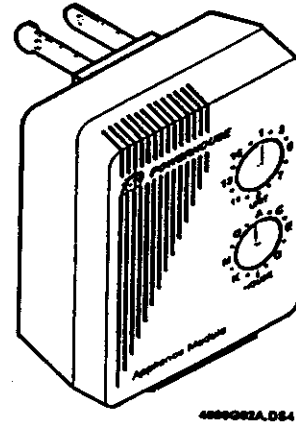


Fig. 13. X-10 Appliance Module.

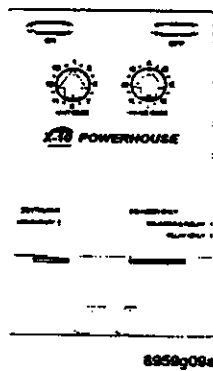


Fig. 14. X-10 Powerhouse Universal Module.

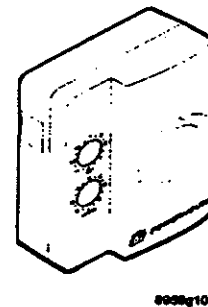


Fig. 15. X-10 Siren Module.

Best Location

You can install an X-10 Module in any unswitched outlet.

Lamp Modules

Lamp modules turn lamps on and off to provide a lived-in look or lighting at night or during an emergency.

Appliance Modules

Appliance modules control appliances that use fewer than 500 watts, such as coffeemakers and radios. You can also use them to control lamps. However, lamps controlled by Appliance Modules will not turn on during an alarm.

- Universal Module** Connect the X-10 Powerhouse Universal Module to your garage door opener.
- X-10 Siren Module** The X-10 Siren Module can be used instead of the system's built-in siren or as additional protection for large areas. Depending on your circumstances, you might find an additional or remote siren desirable. If your home is large or you've positioned the panel on one side of your house, an extra siren will increase sound coverage. If your panel is in the bedroom, you probably don't want the siren going off next to your ears. You can disable the panel's built-in siren and use the X-10 Siren Module instead.

Intruders often try to locate the siren source and destroy it. If you program the panel to disable the built-in siren during an alarm, the intruder will be less likely to find and destroy your panel.

Mount the siren in a central but inconspicuous location near an unswitched outlet.

How to Use

Each light or appliance you want the panel to control must have its own identification setting. X-10 Modules use two dials, one with letters A through P and one with numbers 1 through 9, to set identification codes. The lettered dial sets the *housecode*. The housecode enables the system to tell your house from other homes in the area. Set all modules and the panel to the same housecode (except the X-10 Siren).

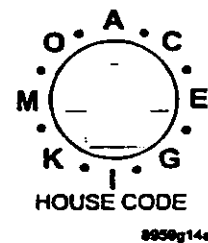


Fig. 16. Setting the housecode.

IMPORTANT:

Set the X-10 Siren's housecode one letter higher than the other housecodes; for example, if your housecode is D, set the X-10 Siren to E. If you don't, the siren will not sound during a fire alarm. For additional information, see the X-10 Siren and Smoke Sensor Installation Instructions.

The numbered dial sets the *unit number*. The unit number tells the system which lamp or appliance you want to control. Each unit number should be different (unless you want the light or appliance to activate together).

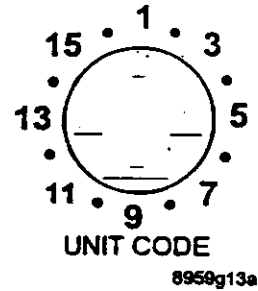


Fig. 17. Setting the unit number.

For example, you work in a restaurant and get home at 1 a.m. every night. Your spouse works in an office and usually gets home at 6:30 p.m. You decide to have the living room light turn on when your spouse gets home and a small table lamp in the hall when you get home. You would set the lettered dial on both modules to the *same* letter and the numbered dial to *different* numbers.

However, if you want several lamps to behave in the same way, set their unit numbers the same. For example, if you want to have the table lamp in the hall and the desk lamp in the den to turn on when you get home, set the X-10 Modules to the same number.

OPERATING THE SYSTEM

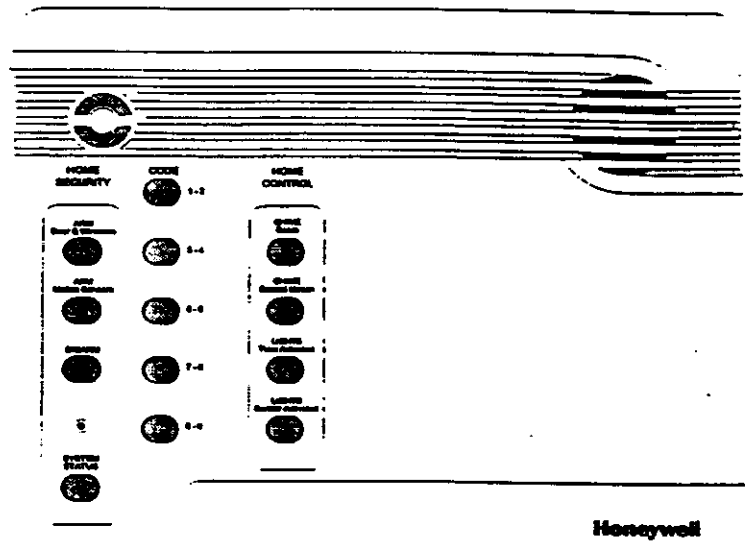


Fig. 18. Panel in operating mode.

Home Security

Use these buttons when you want to secure your home.

ARM Door & Windows	Turns the door and window sensors on. If the LED is lit, the door/window sensors are on.
ARM Motion Sensors	Turns the motion sensors on. If the LED is on, the sensors are on. Press this button again to turn the Latchkey option on. The panel prompts you to press the button again if Latchkey is available.
DISARM	Turns the system off.
CODE	Enter your access code with the numbered buttons.

NOTE: To have Latchkey available, your system must include a Dialer and have the Latchkey option programmed.

System Information

	Press this button to hear information about your system and sensors.
SYSTEM STATUS	Press once to hear the system time, sensor status, and battery status. Press again to hear all program information and the message the system plays when it calls you.

IMPORTANT:

If there is a problem with your system, the button will light up. Press the button to hear about the problem.