

**Option 7: Record Message**

To record the message you hear when the panel calls you:

1. Press **Add** from the Start menu.
2. Press **Option#** from the Main menu seven times. The panel will prompt "Begin recording at the tone."
3. Record the message. When the message has been recorded, the panel repeats it.
4. To hear the message again, close the panel cover and press **System Status** twice.

**Deleting Sensors, Options, or Lights****Sensor**

To delete a sensor:

1. Press **Delete** from the Start menu.
2. Press **Sensor** from the Main menu until you hear the name of the sensor you want to remove.
3. Press **DONE** to delete. The system repeats the sensor you removed.

**Option**

To delete an option:

1. Press **Delete** from the Start menu.
2. Press **Option #** from the Main menu until you hear the number of the option you want to remove.
3. Press **DONE** to delete. The system repeats the sensor you removed.

**Entry/Exit Delay**

To delete an entry/exit delay-activated light or appliance:

1. Press **Delete** from the Start menu.
2. Press **Light Control** from the Main menu.
3. Press **Unit #** until you hear the correct unit number you want to delete.
4. Press **Entry/Exit Delay** to delete. The system repeats the sensor you removed.

**Sensor-Activated Light or Appliance** To delete a sensor-activated light or appliance:

1. Press **Delete** from the Start menu.
2. Press **Light Control** from the Main menu.
3. Press **Unit #** until you hear the correct unit number you want to delete.
4. Press **Sensors** from the Control menu until you hear the one you want to delete.
5. Press **DONE** to delete. The system repeats the sensor you removed.

**Time-Activated Light or Appliance** To delete a time-activated light or appliance:

1. Press **Delete** from the Start menu.
2. Press **Light Control** from the Main menu.
3. Press **Unit #** until you hear the correct unit number you want to delete.
4. Press **Time** to delete. The system repeats the unit number you removed.

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## INSTALLING THE SYSTEM

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Instructions for installing the panel and door/window sensors are included in this manual. Refer to each optional product's *Installation Instructions* to complete the installation.

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### Panel

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You can mount the panel on a wall or keep it on a desk or table. Position the panel close to an unswitched outlet that can be reached without an extension cord. If you choose a wall mount, you will need the following tools:

#### Tools Needed

- Screwdriver
- Pencil
- Drill

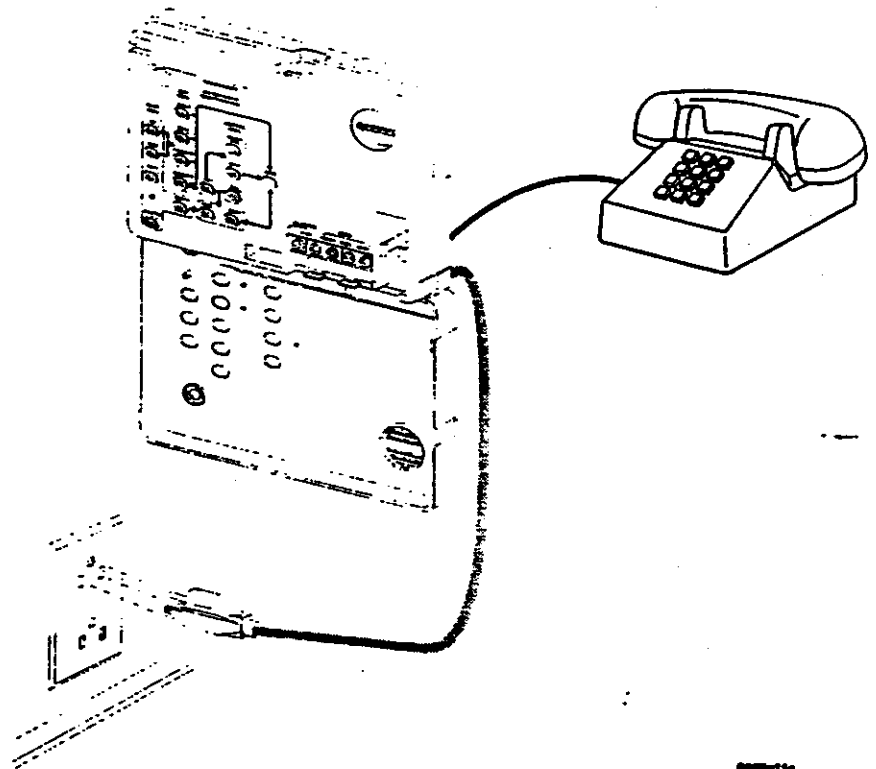


Fig. 24. Control panel positioning.

#### Guidelines

- If you are using the Dialer Module, locate the panel near a phone jack.
- Leave enough clearance or shelf space to open the panel for programming.

**install the panel on a wall:**

1. Position the panel on the wall and mark the anchor hole.
2. Drill  $\frac{3}{16}$ -inch holes for each mark.
3. Tap the anchors into the holes and mount the panel with the screws.

**To install the panel on a table:**

1. Press on the rubber feet pads.
2. Plug the panel into an outlet.

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## Door/Window Sensors

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Door/window sensors can be installed on doors, windows, or anything that opens and closes. During normal operation, the sensors transmit open and close signals to the panel when a magnet mounted near the sensor is moved away from or closer to the sensor. Door/window sensors use two AAA batteries.

The door/window sensors can be mounted with double-stick tape or screws. Screwing the door/window sensors and magnets in place ensures they won't be knocked off accidentally. If you mount them with screws, you'll need these tools:

**Tools Needed**

- #6 flathead screws
- Screwdriver or brad driver
- Sensor and magnet spacers

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## Rules for Installing Door/Window Sensors

- Mount the sensor on the door frame and the magnet on the door. If the sensor is to be used on double doors, mount the sensor on the least-used door and the magnet on the other door.
- Make sure the alignment arrow on the magnet points to the alignment mark on the sensor.
- Place sensors at least 5 inches above the floor to avoid damaging them.
- Avoid mounting sensors in areas with a lot of metal or electrical wiring, such as a furnace or utility room.
- Avoid mounting sensors in areas where they will be exposed to moisture.
- Avoid mounting sensors in locations where the operating temperature (10° to 120° F) will be exceeded.

## Instructions

**Do not install door/window sensors unless you have programmed them!**

The Program button on the door/window sensor is under the cover. You must be able to hear the system voice to add sensors.

1. Remove the sensor cover by pressing the button on the narrow end.

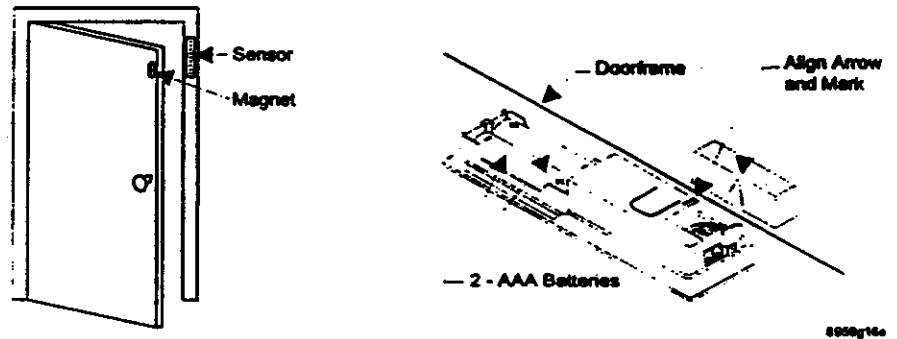


Fig. 25. Door, magnet, and battery positions.

2. Decide where to mount the sensor (Fig. 25).
3. Mount the sensor base with tape or screws.
4. Remove the magnet from its base. Line up the arrow on the magnet with the mark on the sensor.
5. Mount the magnet base no more than  $\frac{3}{8}$ -inch away from the sensor base. Replace the magnet cover.

**NOTE:** Mount the magnet so it won't interfere with door or window openings.

6. Install two AAA batteries. Be sure the positive and negative ends of the battery are installed correctly (Fig. 22).
7. Reattach the sensor cover to the sensor base.

## Other Sensors

Follow the instructions included with each sensor. You may install them in any order.

Program X-10 Modules *before* you install them. Once they have been programmed, you can change control options (on/off times or activation) without unplugging them.

**To set up Lamp Modules:**

1. Turn on the lamp.
2. Unplug the lamp from the wall outlet.
3. Plug the lamp into the module.
4. Plug the module into the wall outlet.
5. The lamp should now be off. The lamp or appliance will respond to your programming.

**To set up Appliance Modules:**

1. Turn on the appliance to its operating level.
2. Unplug the appliance from the wall outlet.
3. Plug the appliance into the module.
4. Plug the module into the wall outlet.
5. The appliance should now be off. The appliance will respond to your programming.

**Try It!**

To see if you programmed and set up the light correctly:

1. Program the light control you want.
2. Shut the panel to place it in operate mode.
3. Press the LIGHTS-Sensor Activated button.
4. Plug in X-10 Modules according to the directions above.
5. Activate sensor or entry/exit delay. If you programmed a time-activated sensor, you must wait for the start time you selected.

It's OK to turn lights on manually, but let the system turn them off or use the Handheld Remote. The remote allows complete control and allows you to control lights individually.

**TESTING**

To test sensors:

1. Press Sensor Test. The panel says "Test Name sensor."
2. Test each sensor according to Table 2.
3. Press DONE when the panel tells you to. The panel tells you if a sensor is OK or failed.

**Table 2. Sensor Test Methods**

Sensor	Test Method
Door/Window Sensors	Open protected doors and windows.
Smoke Sensor	Press TEST button until the smoke detector starts to beep.
Motion Sensor	Leave the area for 3 minutes, then walk in front of the sensor.
Remotes	Press any key.

**TROUBLESHOOTING**

This section helps you find and correct problems.

Problem	Solution
<b>Access Code</b>	
Can't remember Access Code.	<ul style="list-style-type: none"> <li>• Unplug the panel and remove the battery. The system voice speaks the access code.</li> </ul>
<b>Home Control</b>	
Panel says "Function not available" when CHIME is pressed. Panel says "Function not available" when SPECIAL CHIME is pressed. Panel says "Invalid sensor already programmed as N". Panel says "Please set system time".	<ul style="list-style-type: none"> <li>• No door/window or motion sensors programmed.</li> <li>• No Special Chime sensors have been programmed.</li> <li>• Delete the sensor and reprogram.</li> <li>• System has lost time. Reset the clock.</li> </ul>
<b>Options</b>	
Options scroll from 1-2 only. Latchkey cannot be turned on.	<ul style="list-style-type: none"> <li>• There is no Dialer Module present.</li> <li>• Latchkey time not set.</li> <li>• Time of day not set.</li> </ul>
<b>Sensor</b>	
A sensor has failed.	<ul style="list-style-type: none"> <li>• Make sure the sensor has a battery.</li> <li>• Reposition the sensor slightly.</li> <li>• Move the sensor to a new location.</li> </ul>

Problem	Solution
<b>Telephone</b> Telephone does not work.	<ul style="list-style-type: none"><li>• If you don't have touch-tone service, make sure all phone numbers are preceded by a 0.</li></ul>
<b>X-10 Modules</b> Items controlled by an X-10 Module do not work.	<ul style="list-style-type: none"><li>• Make sure lamps have a working bulb.</li><li>• Make sure the outlet is working.</li><li>• Make sure the items are plugged into X-10 Modules and that X-10 Modules are plugged into unswitched outlets.</li><li>• Verify that the housecode on the X-10 Module matches the housecode you programmed into the panel.</li><li>• Make sure you've programmed a time- or sensor-activated light.</li><li>• Make sure the clock is set.</li></ul>

## BATTERIES

Use these batteries in your sensors.

Component	Battery
Panel	9V Alkaline
Door/Window	2 AAA Alkaline
Motion	2 AA Alkaline
Smoke	2 9V Alkaline
Handheld	2 AAA Alkaline
KeyChain	12V Alkaline (Duracell MN21 or equivalent)

NOTE: 12V batteries are available at camera or jewelry stores.

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## PLANNING FOR EMERGENCIES

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The best protection you can have is a good escape plan. Plan for various emergencies, and practice. Draw your floor plan. There should be at least two exits from each room. Discuss emergency plans with everyone who lives in the house. Everyone should know the following:

- How to use the security system.
- Main and alternate exits for each bedroom.
- If you hear a siren when you come home, don't go in the house.
- Emergency and fire escape plans.

When your emergency exit routes are planned, have a fire drill:

- Crawl and hold your breath when leaving.
- Do not stop to pack.
- Everyone meet at the same place outside.
- Don't go back inside!

Use the space below to draw your floor plan and escape routes.





Table 1. Location Names

Location Names		
Attic (1-16)	Back door (1-16)	Basement (1-16)
Bathroom (1-16)	Bedroom (1-16)	Child's bedroom (1-16)
Special Chime	Closet (1-16)	Den (1-16)
Dining room (1-16)	Downstairs (1-16)	Front door (1-16)
Garage (1-16)	Garage door (1-16)	Guest room (1-16)
Hallway (1-16)	Key ring (1-16)	Kitchen (1-16)
Laundry room(1-16)	Living room (1-16)	Office (1-16)
Remote (1-16)	Upstairs (1-16)	Utility room (1-16)



## OPTION PLANNING CHART

Option Planning				
Option	Name	On	Off	Notes
1	Disable Siren			
2	Disable Voice			
3	Phone 1			
4	Phone 2			
5	AC power outage			
6	Latchkey			
7	Record message			