

Use these buttons to turn on lights and chimes.

- CHIME Doors** Activates or deactivates a chime whenever doors and windows are opened or closed. If your system is armed, your doors and windows are protected whether the chime is on or off.
- CHIME Special Motion** Activates or deactivates sensors designated "special chime" whenever the designated sensor is activated. This designation means you want to sound a chime when that sensor is activated. Outdoor motion sensors are the most commonly designated special chime.
- IMPORTANT:**  
Sensors named "Special Chime" do not cause the alarm siren to go off. Do not use them for intrusion protection.
- LIGHTS Time Activated** Turns on time-activated lights. If you don't want timed lights to go on, deactivate them with this button.
- LIGHTS Sensor Activated** Turns on sensor-activated lights. If you don't want sensor-activated lights to go on during the day, you can deactivate them with this button. To have the lights work at night, press this button again.

## PLANNING INSTRUCTIONS

The first step to an easy and successful installation is proper planning. Your system can monitor up to 17 sensors and control 8 individual unit numbers on X-10 modules. As you add sensors to your system, you will choose a location name for them. Use the Sensor, Light Control, and Option Planning charts at the back of the manual to record information about the sensors and modules in your house. You will use the completed charts when you program and install sensors.

Think about how you want your system to behave. Use the examples from the section entitled "Living with the WatchWise Wireless Home Security System" to create a plan for your home.

You can activate lights and appliances with sensors, entry/exit delay, and time. You may choose to have a light activated by any or all of these control methods. To control lights, you must have X-10 Modules.

**NOTE:** Your system can control eight individual unit numbers on X-10 modules. For example, if you have nine modules, the ninth one will have the same unit number as one of the others. Lamps connected to modules with the shared unit number will behave the same.

**Tools Needed**

To complete the planning instructions, you need the following:

- Pencil
- Adhesive notes
- Sensor Planning chart
- Light Control Planning chart
- Option Planning chart
- Sensors
- X-10 Modules

**Sensor Activated**

Sensor-activated lights and appliances respond to sensor signals. For example, a light goes on when someone walks past a motion sensor or opens a closet door. The light turns off after 4 minutes.

**Entry/Exit Delay Activated**

When your system is armed, opening a door causes the alarm to go off. The entry/exit delay gives you 45 seconds to leave or enter your home without causing an alarm. Use the entry/exit delay to turn on lights automatically when you enter or leave. The light turns off at the end of the delay.

**Time Activated**

Time-activated lights or appliances respond to clock settings. Lights turn on and off at the times you specify.

**Example**

In this example, a lamp responds to all three methods:

When I walk into the hall, a motion sensor turns a lamp on for a few minutes. Later, the entry/exit delay turns it on briefly when I leave to go to the movies. The lamp turns on at 8 p.m. and off at 10:30 p.m. I get home at 11, and the entry/exit delay turns it on briefly again.

The light schedule will be interrupted if you disarm the panel. In the example above, if I had come home before 10:30 p.m., the lamp would turn off when I disarmed the panel.

The first rows in figures 19 and 20 show you how to plan your lights to work the same as those in the example above.

## Sensor Planning

To plan sensors:

1. List the sensors you have in column 1 as shown in Fig. 19. Do not include the control panel.
2. Write down where each sensor should go in column 2.
3. Select a location name for each sensor from Table 1 and write it on your Sensor Planning chart.
4. Write the home location from the second column on adhesive notes and label each sensor. Then, when you install sensors on doors and windows, you'll know where to put each one.

Sensor Planning		
Sensor Type	Location in My House	Location Name from Table 1
<i>Motion</i>	<i>Hall by front door</i>	<i>Hallway</i>
<i>Door/Window</i>	<i>Front door</i>	<i>Front door</i>
<i>Door/Window</i>	<i>Back door</i>	<i>Back door</i>
<i>Motion</i>	<i>Back door outside</i>	<i>Special Chime</i>
<i>Door/Window</i>	<i>My bedroom north window</i>	<i>Bedroom</i>
<i>Door/Window</i>	<i>My bedroom east window</i>	<i>Bedroom 1</i>
<i>Smoke</i>	<i>Hall upstairs</i>	<i>Hallway 1</i>
<i>Smoke</i>	<i>Hall on first floor</i>	<i>Hallway 2</i>

Fig. 19. Sample Sensor Planning chart.

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)

## Planning Light Control

### Before you begin:

Set the housecode on all the X-10 Modules to the same letter. If you are using an X-10 Siren, set the siren module housecode to the next higher letter. Use a small screwdriver to turn the dials.

### To plan lights:

1. Set the X-10 Module unit numbers consecutively. Turn the numbered dial on the X-10 Module to the desired number. Be sure to select the correct X-10 Module for the device. Do not use a lamp module to control appliances.
2. List location of the light or appliance you want to control in the Location column of the Light Control Planning chart.
3. Write the location of each X-10 Module on an adhesive note and label the module.
4. Decide if the light should be activated by sensors, entry/exit delay, time, or any combination. Record the information in the appropriate columns.

Light Control Planning					
X-10 Module		Activated by		Time Activated	
Unit #	Location	Sensor	Entry/Exit	Start Time	Stop Time
1	Hall lamp	Motion	Yes	8 p.m.	10:30 p.m.
2	Lamp by sofa	Door/window on French windows	Yes	8 p.m.	Midnight
3	Lamp by back door	Motion	Yes	No	
4	Coffemaker	No	No	6 a.m.	7 a.m.

Fig. 20. Sample Light Control Planning chart.

## Planning Options

System options allow you to disable the built-in siren on the panel or system voice, have your system contact you, and record the message you hear when the panel calls. Options 1 and 2, are available on all systems. You must have a Dialer to use options 3 through 6.

### Option 1: Disable Siren

The WatchWise system panel's built-in siren is very loud. Depending on your circumstances, you might want to disable the built-in siren and use an X-10 Siren Module instead.

### Option 2: Disable Voice

After you've become familiar with your panel and feel comfortable operating it, you might want to turn off the system voice during normal operation. This option allows you to disable the voice. You will always hear the voice during programming and status messages.

### Options 3 and 4: Phone Numbers

The panel can call you when there is a power failure or an alarm or latchkey report. Options 3 and 4 allow you to enter the phone numbers

you want the system to call. You can program one 18-digit number for each option. If you don't have touch-tone service, enter a 0 before the phone number.

**Option 5: AC Power Failure**

Turn this option on if you want the panel to call when the power goes out.

**Option 6: Latchkey**

When the Latchkey option is turned on, the panel calls you if the system has not been disarmed by a certain time. For example, you can have the panel call if your children *haven't* disarmed the system by 3 p.m.

**Option 7: Record Message**

This option allows you to record the message the panel plays when it calls. Press System Status twice to hear the message the panel is currently using.

To plan options:

1. Select the options you want and check the appropriate column.
2. Record phone numbers, latchkey instructions, and the message to record.

Option Planning				
Option	Name	On	Off	Notes
1	<i>Disable siren</i>		X	
2	<i>Disable voice</i>		X	
3	<i>AC power outage</i>	X		
4	<i>Phone 1</i>	X		<i>123-1234</i>
5	<i>Phone 2</i>	X		<i>1-612-3221-4321</i>
6	<i>Latchkey</i>	X		<i>Call if not disarmed by 3 p.m.</i>
7	<i>Record message</i>			<i>Go home and see what happened.</i>

Fig. 21. Sample Options Planning chart.

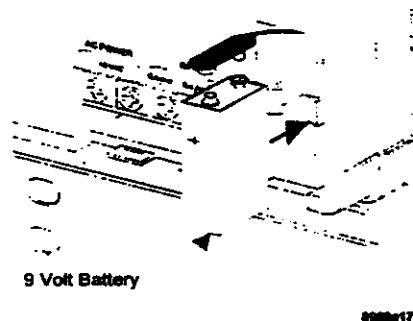
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**POWER-U**

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If you have many sensors and lights to program, power up your control panel near a table or desk where you can be organized and comfortable while you work. When you've finished programming, you can move the panel to its permanent location.

1. Open the cover and install the battery.



**Fig. 22. Installing the battery.**

2. Plug the transformer into an unswitched outlet.

**IMPORTANT:**

*An unswitched outlet is not connected to a wall switch.*

## PROGRAMMING THE SYSTEM

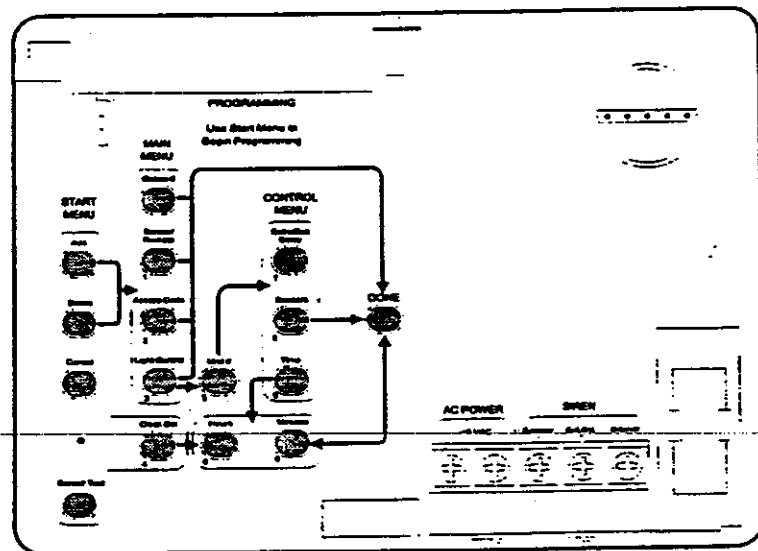
Program sensors before you install them. The panel recognizes a sensor when you press the sensor's Program button.

**NOTE:** You will not be able to control lights or appliances unless you bought X-10 Lamp and Appliance Modules.

Not everyone needs to use all these steps. The steps you follow depend on the sensors and modules you bought and how you plan to use them. Detailed instructions for adding and deleting sensors, lights, and options begin on the next page.

You should be able to program your system without using the written instructions. The panel will prompt you through programming. You can add sensors in any order.

1. Assemble your sensors, modules, and planning charts.
2. Locate the Program button on each of the sensors you want to add. (See the previous pictures of sensors for the location of the Program button. The Program button may not be labeled.)
3. Open the panel cover to place the system in program mode.
4. Add sensors.
5. Program the disarm access code (optional).
6. Set the clock.
7. Set up time- and entry/exit-activated sensors, if you have them.
8. Set up motion-activated sensors, if you have them.
9. Add options, if you have them.
10. Test sensors. Follow the instructions in the section entitled "Testing."



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Fig. 23. Panel in programming mode.

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## Programming

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Your panel will prompt you through programming your system.

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### Getting Started

#### To add a sensor:

1. Press **Add** from the Start menu.
2. Press **Sensor** from the Main menu until you hear the room or item you want to add.
3. Press the **Program** button on the sensor. The panel repeats your programming.

**NOTE:** To change a sensor, delete it and reprogram.

#### To set the disarm access code:

1. Press **Add** from the Start menu.
2. Press **Access Code** from the Main menu.
3. Enter your code using the red numbered keys on the panel. The panel repeats your access code.

#### To set or change the system time:

1. Press **Clock Set** from the Start menu.
  2. Press **Hours** until you hear the current hour.
  3. Press **Minutes** until you hear the correct minute.
  4. Press **DONE**. The panel repeats the time.
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### Programming Light Controls

#### **IMPORTANT:**

*You must set the housecode and unit number correctly!*

**To set light or appliance housecode:** Use a screwdriver to turn the letter dial on each module to the letter you want to use. Use the same letter on all your modules.

**To set light or appliance unit number:** Use a screwdriver to turn the number dial on each module to the number you want to use.

#### Housecode

To set or change the housecode the panel recognizes:

1. Press **Add** from the Start menu.
2. Press **Light Control** until you hear the housecode you selected.
3. Press **Light Control** again.
4. Press **DONE**. The system voice repeats your programming information.

#### Entry/Exit Delay

To make the entry/exit delay control a light or appliance:

1. Press **Add** from the Start menu.
2. Press **Light Control** from the Main menu.
3. Press **Unit #** until you hear the number you chose on the module.
4. Press **Entry/Exit Delay**. The system voice repeats your programming information.

#### Sensor-Activated Lights

To make a sensor control a light or appliance:

1. Press **Add** from the Start menu.



2. Press **Light Control** from the Main menu.
3. Press **Unit #** until you hear the number you chose on the module.
4. Press **Sensors** from the Control menu until you hear the sensor you want to control the light.
5. Press **DONE**. The system voice repeats your programming information.

### **Time-Activated Lights**

To have a light or appliance turn on and off at specific times:

1. Press **Add** from the Start menu.
2. Press **Light Control** from the Main menu.
3. Press **Unit #** until you hear the number you chose on the module.
4. Press **Time** from the Control menu.
5. Press **Hours** until you get to the hour you want the schedule to start.
6. Press **Minutes** to set minutes.
7. Press **DONE**.
8. Press **Hours** and **Minutes** to set the time you want the schedule to end.
9. Press **DONE**. The system voice repeats your programming information.

### **Try It!**

To see if you programmed the light correctly:

1. Shut the panel to place it in operate mode.
2. Press the **LIGHTS-Sensor Activated** button.
3. Plug in **X-10 Modules** according to the directions in the section entitled "Installing the System-X-10 Modules."
4. Activate sensor or entry/exit delay. If you programmed a time-activated sensor, you must wait for the start time you selected or press the **System Status** button.

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**Programming Options****Option 1: Disable Panel Siren**

To turn the high-level siren off:

1. Press **Add** from the Start menu.
2. Press **Option#** from the Main menu.
3. Press **DONE**.

**Option 2: Disable Voice**

To turn the system voice off during normal operation.

1. Press **Add** from the Start menu.
2. Press **Option#** from the Main menu twice.
3. Press **DONE**.

**Options 3 & 4: Phone Numbers**

To store the first phone number:

**NOTE:** To store the second phone number, follow the instructions below, but press **Option #** four times in step 2.

1. Press **Add** from the Start menu.
2. Press **Option#** from the Main menu three times for the first phone number.
3. Enter a phone number. (Maximum 18 digits.) If you don't have a touch-tone phone, enter a 0 before the phone number.
4. Press **DONE**.

**Option 5: AC Power Failure**

To have the panel call if there's a power failure:

1. Press **Add** from the Start menu.
2. Press **Option#** from the Main menu five times.
3. Press **DONE**.

**Option 6: Set Latchkey Time**

To turn Latchkey on or off:

1. Press **Add** from the Start menu.
2. Press **Option#** from the Main menu six times.
3. Enter the time you want to be called. (See "Getting Started" in this section for instructions on using the Clock Set feature.)
4. Press **DONE**. The panel repeats the time.
5. Press **DONE** if the time is OK or **Cancel** to start over.