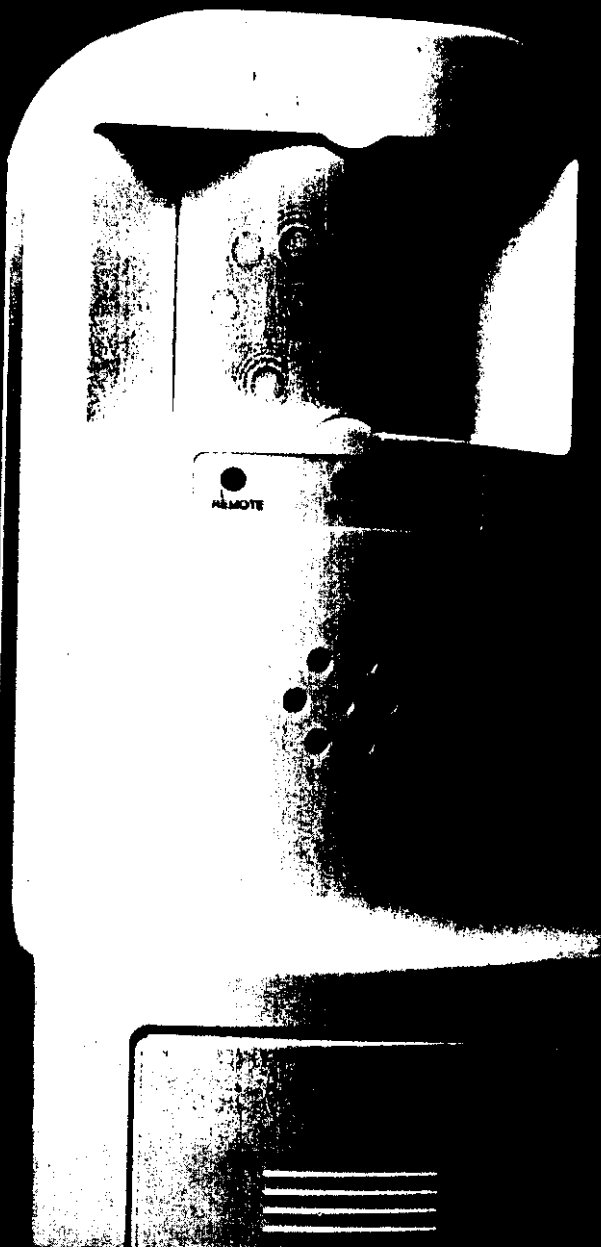


# PSN/97

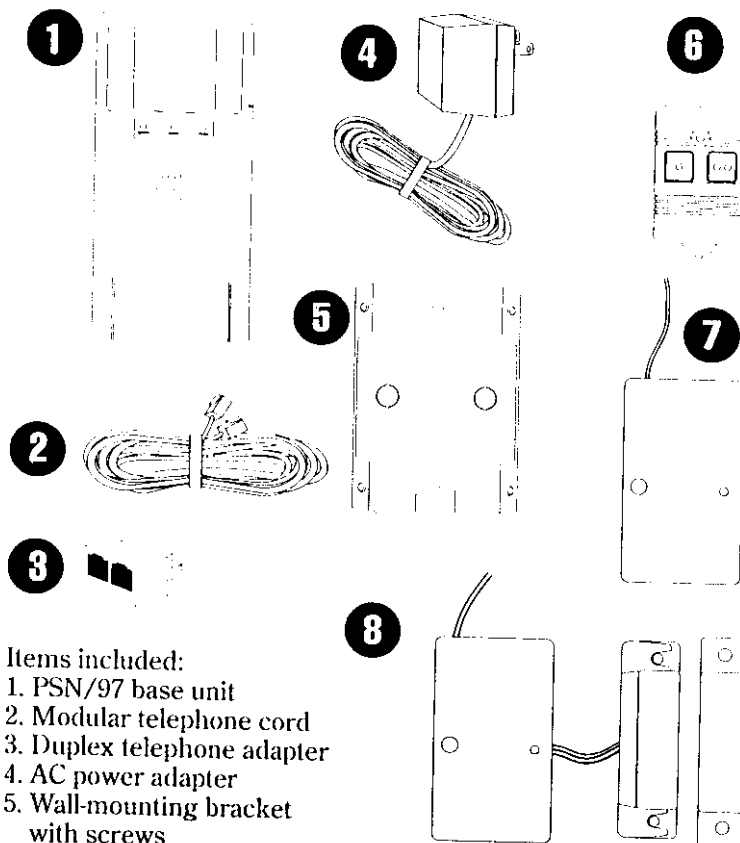
## Personal Security Network

Owner's Guide



### 1. System description

The base unit controls communication with the central monitoring station and remote sensors. It has a built-in Passive Infra Red (PIR) motion sensor that is triggered by moving heat. The various functions of the base unit are controlled by a telephone and it can be armed/disarmed by a remote controller. The motion sensor has a view angle of 140 degrees and a range of 30 feet.



#### Items included:

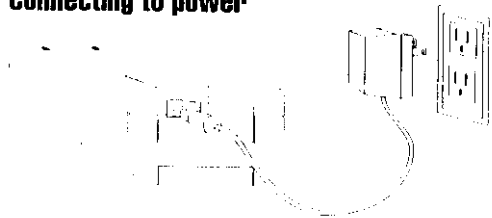
1. PSN/97 base unit
2. Modular telephone cord
3. Duplex telephone adapter
4. AC power adapter
5. Wall-mounting bracket with screws
6. Remote controller
7. One (1) window shock sensor (additional sensors are sold separately)
8. One (1) door sensor

*9-volt battery not included*

## 2. Power and phone connection

Simple installation lets you start using the system by simply connecting it to power and a telephone line and setting up your account with Dolphin Technology, Inc.

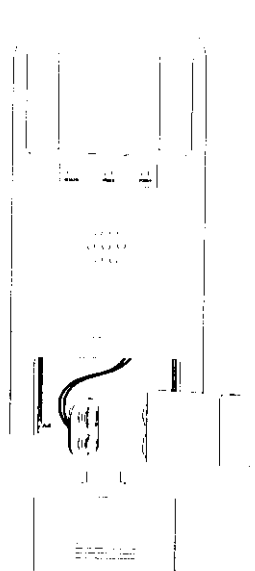
### Connecting to power



### Connecting to the telephone line



### Using duplex phone connector to phone



**8-volt  
backup battery**

## 3. PIN number

Your Personal Identification Number (PIN) is used to arm and disarm your alarm and for identification when the Central Monitoring Station calls in case of a false alarm.

**USER ACCESS CODE:** All commands to the unit require a user access code prior to the command, also known as the PIN number. A typical PIN number is three digits, e.g., 123. See the top of the alarm for the sticker with your PIN number and place the sticker on the Quick Reference Card.

## 4. Arming and disarming the system

### Arming the system

Lift the telephone handset and dial 1 800 (your PIN). For example, if your PIN is 123, dial 1 800 123. Then select from the following:

- Dial A (2) to arm for away mode (all sensors activated), or
- Dial P (7) to arm door/window sensors only (perimeter protection), or
- Dial T (8) to test alarm siren sound (alarm siren will sound, then automatically shut off), or
- Dial L (5) for learn mode (you will hear three chirps), or
- Dial I (4) for instant mode (see Quick Reference Card).

Hang up your telephone.

You can also use the remote controller to arm and disarm in away mode.

**After arming, you have 60 seconds to leave before the alarm is triggered.**

### Monitoring process

When your alarm sounds, the base unit dials the monitoring station, which then contacts you and asks for your PIN. The police are dispatched if:

1. The phone is not answered
2. The phone is busy.
3. The wrong PIN is given to the monitoring representative.

### Disarming the system

After the base unit is armed, it detects your movement when you are in range and will begin chirping.

**You have 30 seconds to disarm before the alarm is triggered.**

1. Lift the telephone handset and dial 1 800 (PIN).
2. Dial D (3) to disarm system.
3. Hang up the phone. If the system "chirps" four times, the unit has gone into alarm mode.

### Learn mode—to install or add remote sensors and controllers

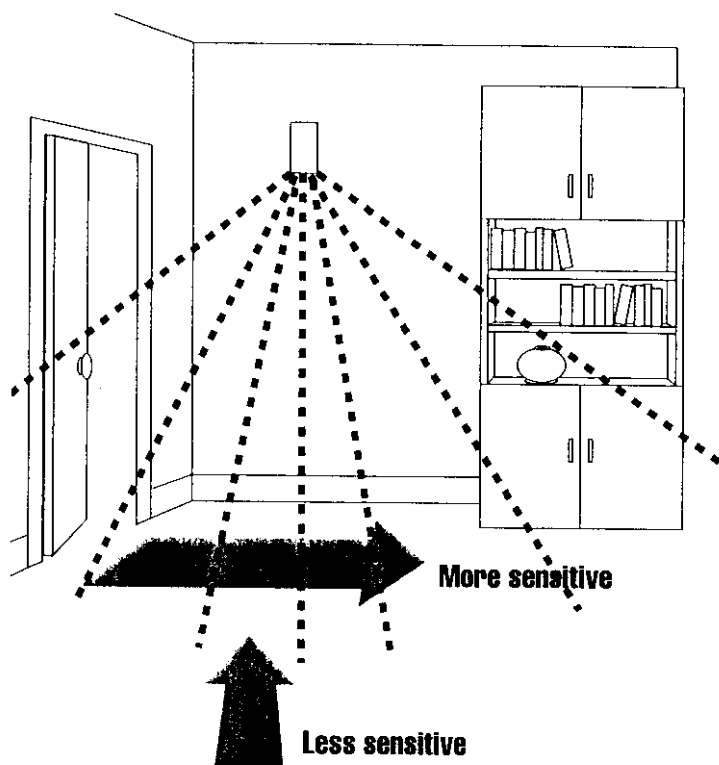
Place the alarm in learn mode by dialing (1 800 PIN 5). You will hear three chirps confirming the alarm is in learn mode. Bring your remote sensor or controller within 3 feet of the base unit. Press the transmit button. You will hear a single chirp that confirms the learning process is complete. Disarm the alarm to end the learn mode by dialing 1 800 (PIN) 3.

## 5. Installation

### Selecting a location

For your security system to be most effective, you need to install it in a location that meets all of the following conditions:

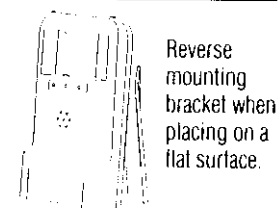
- Is near an AC outlet.
- Is near a modular telephone jack.
- Overlooks an area that an intruder would most likely cross when entering or moving through your home.
- Permits placement on a shelf or table, or mounting on a wall or in the corner of a room. The system detects movements by sensing a change in temperature within its field of view. When someone walks past the system, it detects the temperature change and triggers the alarm. Also, note that the system is more sensitive to movement across its coverage area than to movement directly toward or away from it.
- Does not directly face a window, heating or air-conditioner vent, appliance, outside wall, or other heat source. You can test the effectiveness of the motion sensor by moving in front of it and watching the remote light activate when it detects your movement.



## 6. Mounting the system

The base unit can be mounted:

- On a wall or flat surface.
- In the corner of a room.
- By sitting on a flat surface such as a desk or shelf with the mounting bracket reversed for stability.



To mount the system on a wall, use the supplied screws, or screws suitable to the mounting surface, to secure the mounting bracket at the selected location.

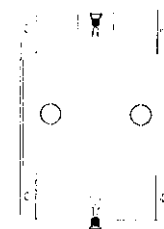
Make sure the unit is high enough not to be triggered by pets, yet low enough to be triggered by someone of average height walking across the area. Ideal mounting height is about 5 1/2 feet from the floor. Or simply use perimeter protection when you have pets by arming door and window sensors only.



Mount on wall

Mount in corner

Reversed for placing on a flat surface



## 7. Window and door sensors

1. In selecting the locations for the door and window sensors, we recommend that you purchase enough sensors to protect the front and back door and any windows that are obscured from view or easily accessible.

- Put the base unit in learn mode: 1 800 PIN 5(L). Hang up the telephone.
- Bring the door or window sensor within 3 feet of the base unit and press the transmit button. The remote LED on the base unit will light up and a single chirp will sound to confirm that it has "learned" the unique code for that sensor.

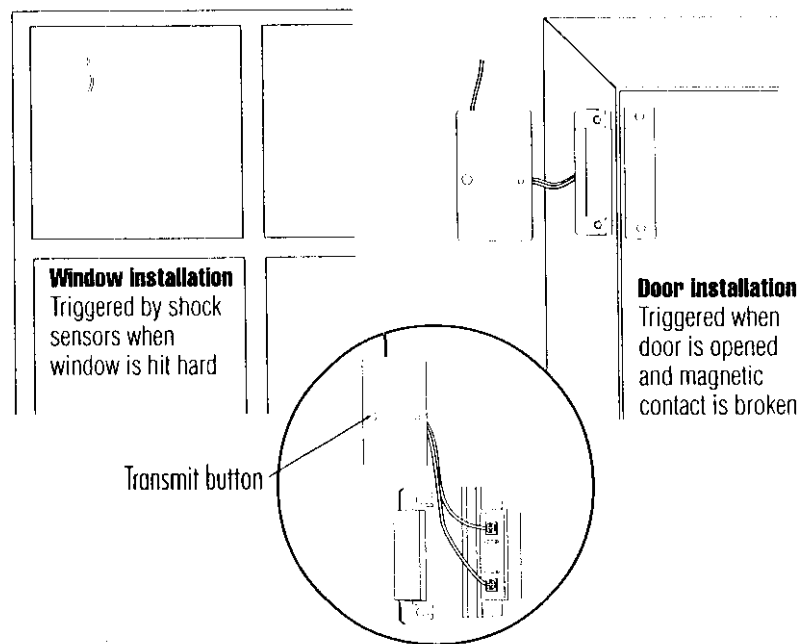
Disarm the base unit to ensure learning mode is off.

(continued)

## Window/door sensors (continued)

2. Mount the window sensor, door and magnet in the intended location using the supplied screws or doubled-sided tape.
3. Install the magnet using the supplied screws or doubled-sided tape. Note: If you mount the magnet on metal doors or frames, you should ensure that they are no more than 1/2" apart. On wooden surfaces, they can be up to 3/4" apart.
4. Check for proper alignment by opening the door or window. The remote light on the base unit turns on each time you open the door or tap on the window sensor.

Repeat Steps 1 through 4 for any additional sensors you wish to install (up to 15).



## 8. Remote controller

There are two (2) buttons on the remote. Button 1 is used for the base unit; button 2 may be used for an optional car alarm. Put the base unit in learn mode (see No. 4 above) and bring the remote controller within 3 feet of the base unit. Press the button on the remote controller once. The base unit will chirp to let you know it has learned the remote. Disarm the base unit to ensure

(continued)

## Remote controller (continued)

the learning mode is off. The remote is now programmed and can be used in place of your telephone to arm and disarm your alarm.

### Remote controller operation

Arm the alarm by pressing the first button once. The base unit will chirp once, indicating the alarm is armed.

Disarm the alarm by pressing the first button again. The base unit will chirp *twice* indicating the alarm is now disarmed.

### Panic mode

Pressing both buttons on the remote simultaneously will set off the siren on the base unit and send a signal through the phone line to the Central Monitoring Station with no delays.

## 9. Understanding system indicators\*

\*Lights located on front of the main unit

	Remote	Armed	Power
		Unit is armed	Battery & AC Power ON
		Unit is disarmed	No power to unit
	Remote sensor is active	Unit is disarmed and senses movement	Battery is LOW or AC power is OFF
Chirp pattern		Meaning	
1 chirp		You armed the system	
2 chirps		You disarmed the system	
3 chirps		Base unit is in learn mode	
4 chirps		The alarm had been triggered while you were gone	
Slow sounding chirping		Either the battery is low or not connected, or the unit is not connected to the electrical outlet.	
Continuous chirping		The system is sounding entry delay warning chirps.	
Instant mode reminder:			

## 10. Troubleshooting

If you cannot arm or disarm the system:

- Be sure you are using the correct PIN.
- Be sure the system is properly connected to the phone line and that either AC power or the backup battery is connected (check both).
- Dial slower.