

# Wireless P.I.R. Motion Detector

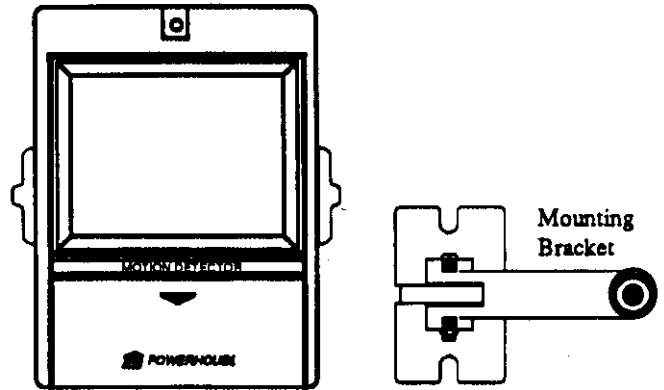
Model No. SP554

The SP554 Passive Infrared (P.I.R.) Wireless Motion Detector works with the SS5400 Supervised Wireless Security System. A combination of up to 16 Motion Detectors and/or Door/Window Sensors can be installed. The Motion Detectors (like the Door/Window Sensors) are supervised so the system will let you know if a battery is low - most P.I.R.s are not supervised!

The SP554 can be set to trip the alarm instantly or 30 seconds after it detects motion. It has two modes of operation:

1. It can be set to trip after detecting *any* motion.
2. It can be set to trip only if two movements are detected, or if continuous movement, is detected, within a short period of time (helps prevent false alarms).

- Wireless (9V alkaline battery)
- Supervised
- Instant or delayed alarm
- Selectable pulse count (1 or 2 pulses)
- Random automatic code generation, 256 codes



- Advanced microprocessor design
- Double edge signal processing
- Dual element sensor
- Temperature compensation
- Grooves-in lenses (to protect from dirt)
- High immunity to visible light
- Multiple coverage patterns (angle and distance) with optional lenses
- Short range creep zones
- Horizontal and vertical adjustment with included mounting bracket
- RFI rejection
- Tested against ham radios, police radios, microwaves, etc. for no false triggering
- Very low current drain (1 year battery life with alkaline battery)
- Test button and walk test LED

## APPLICATIONS

- Use with the *PROTECTOR PLUS* Supervised Home Security System to protect an indoor area which has more than one entry point.
- Use to announce that someone has entered a room, when the alarm is NOT armed.
- Sit it on a bookshelf, or attach it to a wall with the supplied mounting bracket.
- Use to protect an area which can't easily be protected by Door/Window Sensors, such as a long corridor.
- Use with optional lenses to cover areas of different types. The supplied lens covers about 40 feet at an angle of up to 90 degrees.

## Model SP554A

FCC Approved

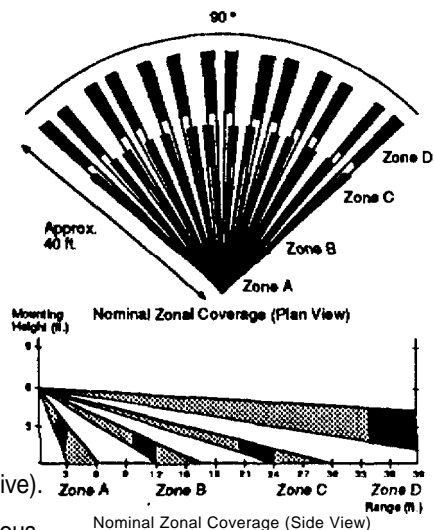
### SETTING UP THE WIRELESS MOTION DETECTOR

1. Set the security system's Base Receiver/Console to INSTALL.
2. Install a 9V alkaline battery in battery compartment (on front of SP554A).

Note: If the Base Receiver/Console chimes, skip steps 3 and 4.

3. Press the CODE button (on the back) with the point of a pencil.
4. Press the TEST button (on the back). The Base Receiver/Console chimes and the next available zone indicator turns on.

Note: If you don't hear a chime, repeat steps 3 and 4.



### USING THE WIRELESS MOTION DETECTOR

Set switch on left to (1) to trip alarm if ANY movement is detected (most sensitive).

Set switch on left to (2) to trip alarm only if two movements detected or continuous movement detected within a short time (less sensitive to pets etc. in this position).

#### Using SP554A with BR521, BC531, or ND651 :

Set switch on right (looking at back) to NORMAL and switch on left to (1) or (2) as above to include the SP554A when arming the system. Set switch on left to OFF when you don't want it to be armed (when you're at home, for example).

#### Using SP554A with PS561 Console or BR521A Base Receiver:

Set switch on right (looking at back) to Home/Away position. In this position you can use the SH624 Remote Control to arm the system in the Away mode (which arms Door/Window Sensors AND the SP554A) or in the Home mode (which arms Door/Window Sensors but does not arm the SP554A). Set switch on left to (1) or (2) as above.

### TESTING THE WIRELESS MOTION DETECTOR

Place Motion Detector within 100 feet from Base Receiver/Console. Then, without arming the system, walk past the Motion Detector. The Console chimes. Wait about 20 seconds before repeating a walk test (the Motion Detector has a 20-second lock-out to conserve battery power). Arm system, walk past Motion Detector: alarm trips. Press [DIS-ARM] on Remote Control. To help prevent false alarms, do not place Motion Detector near a heating or air conditioning vent, or in direct sunlight. For more information, refer to owner's manual included with your Security System or Console.