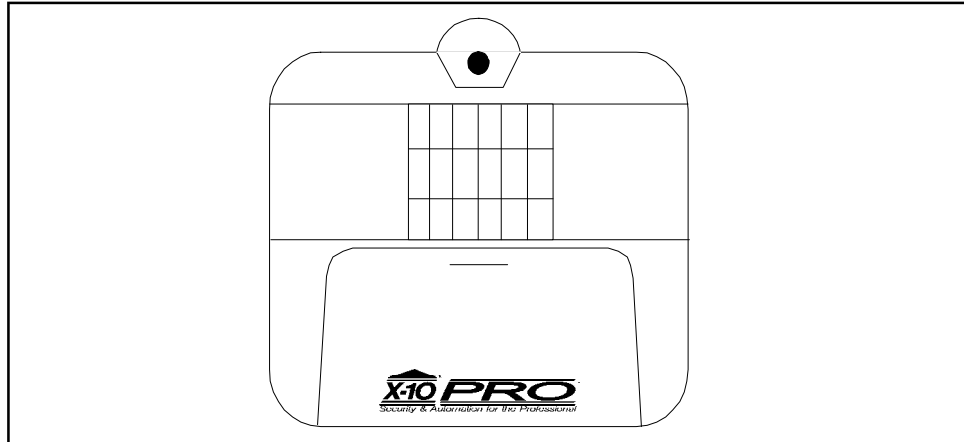


## Occupancy Sensor

## PMS02



The Occupancy Sensor, PMS02, is a battery operated, RF transmitter capable of sensing motion and dusk and transmitting a command to an X-10 PRO Base Transceiver (PAT01) which then passes the command onto the AC wiring of the structure. This can be used to control X-10 PRO light and appliance modules ON/OFF. The command can also be used as a trigger to initiate macros in the CK11A, Activehome Two-Way Computer Interface. This would allow for complex routines to occur as soon as the PMS02 "sees you".

### Setting up the PMS02

- \* Remove the battery cover on the front of the PMS02 and install two AAA alkaline batteries. Initially the PMS02 defaults to House Code A, Unit Code 1 and also defaults to see motion all the time.
- \* Plug in an X-10 PRO Base Transceiver (PAT01 sold separately) or any X-10 PRO Security Base Receiver and set the House Code to "A".
- \* Install or plug in an X-10 PRO Receiver for Light/Appliance control and set it to House Code A/Unit code 1.

### Testing the PMS02:

- \* Press the House button once, the PMS02 will transmit an RF device ON command and the red led will flash.
- \* Press the Unit button once, the PMS02 will transmit an RF device OFF command and the red led will flash. (The default setting is A1).
- \* Place the Sensor on a shelf or mount it on a wall at least 6 feet above the ground and let it settle for at least 1 minute (default) with no motion before activation.

### Dawn/Dusk Sensing:

The PMS02 has the ability to sense dark and transmit an RF command ON to a unit set "one unit number higher" than the Unit Code programmed to sense motion.

For example: A PMS02 set to House/Unit Code B2 (for motion sensing) will transmit an RF Unit Code B3 ON at dusk and B3 OFF at dawn.

... Continued

## **Changing the House and Unit Codes:**

- \* Press and hold the House Code button, the red led flashes first and then blinks the current setting.
- \* Release and press the desired number of times for the House Code that you want (once for A, twice for B, etc.).
- \* Hold the House Code button on the last press; after 3 seconds the red led will blink the amount of times to confirm your settings.

*Note: For Unit Code changes perform the same as above but using the Unit Code button.*

## **Motion detection only after dusk or 24 hour:**

- \* Press the Unit Code button once, the red led flashes.
- \* Press and hold the House button, the green led (found behind the lens) turns on. 3 seconds later the red led blinks the following settings:
  - Once for motion detection 24 hour.
  - Twice for motion detection only after dark.
- \* To change this setting, release and press the House button once for operation at all times, or twice for operation only at night. Hold the button for 3 seconds on your last press and the red led will report the setting with one or two blinks.

## **Delay after motion before an OFF command is sent:**

- \* Press the House button once, the red led flashes.
- \* Press and hold the Unit button, the green led turns on. 3 seconds later the red led will report the setting as follows:

-1 blink for 1 minute (default).	-6 blinks for 32 minutes.
-2 blinks for 2 minutes.	-7 blinks for 64 minutes.
-3 blinks for 4 minutes.	-8 blinks for 128 minutes.
-4 blinks for 8 minutes.	-9 blinks for 256 minutes.
-5 blinks for 16 minutes.	
- \* To change this setting, release and press the Unit button the number of times that you wish for specific delay amount and hold the button down for 3 seconds on the last press for red led verification.

## **DEFAULT:**

*After replacing batteries, please wait 30 seconds before the PMS02 will see any motion.*

*After transmission, you need to wait 10 seconds before the PMS02 will see motion again.*

*The default House/Unit Codes for motion detection is A1 ON.*

*The default for motion detection is detect at all times (24 HOUR).*

*The default time out for which (default) A1 OFF is sent is 1 minute.*

*The default House/Unit Codes for dusk/dawn is A2 ON at dusk, A2 OFF at dawn.*

*Note: As with all RF transmitter devices; electrical fields, metal doors or door/window frames and appliances can cause interference that can decrease the strength of the transmitted signal. Re-orienting the transmitter or receiver console may increase your ability to send and receive the necessary signals.*