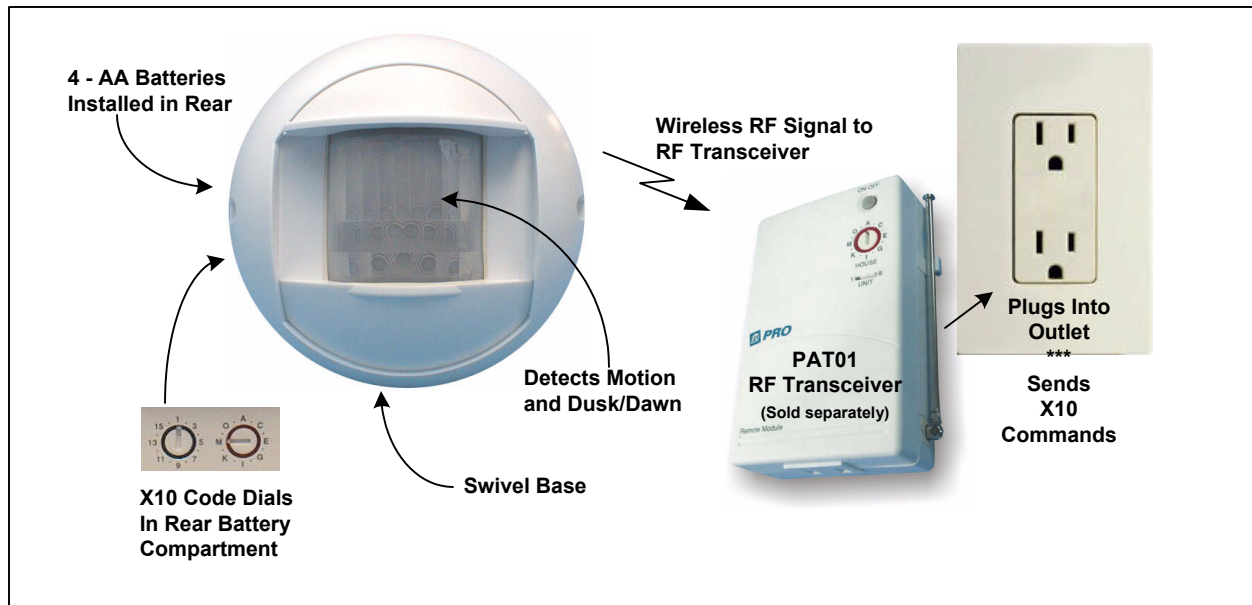


Outdoor Motion Sensor

DM10A



Description: X10 Wireless Motion Detector. Use with PAT01 RF Transceiver (sold separately) and when the Sensor detects motion it activates any X10 ON Command you choose! Also sends the next higher X10 Code to turn lights ON at dusk and OFF again at dawn! Great for turning front or back porch light ON, or add a plug-in Chime (PHH02) alert to automatically occur with motion. Does not send X10 OFF Command, when motion ceases.

Specific Requirements:

2 - AA Batteries, PAT01 - RF Base Transceiver Module

Optional / Supplementary Devices & Modules:

PHH02 - Chime, PLW01 - Standard Wall Switch, PLM01 - Lamp Module, XPD3 Decorative Wall Switch Dimmer, PMC01 Desk-top Mini-Controller

X10 Protocol:

House Code Dial - Letters A-P, Default "A" **Unit Number Dial** - Numbers 1-16, Default "1"

Each X10 Receiver Module is set to a unique Unit Number or to an identical Unit Number as desired.

Each X10 Controller operating a specific set of Receiver Modules must be set to the same House Code as the Receivers they are controlling.

Electrical Protocol:

Nearly all residential homes are wired SPLIT-PHASE. Each 120V Phase is NOT directly connected with the other 120V phase. If after installation, an X10 Receiver does not respond to a remote Controller, then check to ensure that the breaker serving the X10 Receiver is on the same phase as the Controller. If not, the breaker can be changed to the opposite phase. An alternative solution is recommended, to install a Phase Coupler for improving remote communications throughout the home. See www.x10pro.com, then select Technical Support and PLC Troubleshooting.

Installation:

Setup Motion Sensor:

1. Remove the screws from the front cover on the Motion Detector and remove the cover.
2. Unclip the Motion Detector from the backplate. Remove the 2 screws from the battery compartment.
Note: Observe, that the Address Code Dials are set to 'A' (Default). Change now, if desired.
3. Insert 4 AA alkaline batteries (observe polarity). Replace the battery cover.
4. Attach the back plate to an exterior wall in a location where the Motion Detector will see any Intruder who approaches your home.
5. Clip the Motion Detector back into the back plate. Refit the cover. Adjust the swivel up and down for best coverage.
6. Wait for approximately 60 seconds, after installing the batteries, to let the sensing circuitry settle before testing the unit.
7. Walk In front of the DM10A Module, the target X10 Receivers should turn on.

To Change the Address Code Dials:

8. Remove the batteries from the Motion Detector and use a dime or a small screwdriver to set the House Code and/or the Unit Code Dials. Replace the batteries, observing correct polarity. The Default Address is "A1".

Use for Motion Detection:

9. The DM10A sends the default "A1" ON Command when motion is detected, NO "A1" OFF command is sent, when motion ceases. The "ON" only function works well with the X10 Plug-in Chime (PHH02). The Chime is activated by the "ON" Command.

Option: The "ON" only function can also execute a custom X10 MACRO developed in the ActiveHome software using the CM11A Computer Interface Module.

Use for Dusk/Dawn Detection:

10. The Default Code for Dusk/Dawn Detection Is the "Set Address + 1". Therefore the Default Dusk/Dawn Address is "A2". An "A2" ON Command is sent at Dusk and an "A2" OFF Command is sent at Dawn. To change how late or how early to Dusk lights come ON, Set the Dusk Sensitivity switch Inside the battery compartment on the Motion Detector the left, to make the lights come ON sooner or to the right to make them come ON later.

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-locating the PAT01 RF Base Transceiver may increase your ability to receive the necessary X10 Signals from the DM10A.

F.C.C. CAUTION - THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.

This equipment generates and uses radio frequency energy, and if not installed and used properly, that is, in strict accordance with the manufacturers instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for remote control security devices in accordance with the specifications in SubPart B of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by unplugging the equipment, try to correct the interference by one or more of the following measures.

- **Reorient the antenna of the radio/TV experiencing the interference.**
- **Relocate the product with respect to the radio/TV.**
- **Move the product away from the radio/TV.**
- **Plug the product into an outlet on a different electrical circuit from the radio/TV experiencing the interference. If necessary, consult your local dealer for additional suggestions.**

NOTE: NO CHANGES OR MODIFICATIONS MAY BE MADE TO THE UNITS. ANY CHANGES MADE TO THE UNITS WILL VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.