

MOTION SENSOR SWITCH

The residential grade occupancy sensor switch operates by detecting motion within its field of view (150°) and automatically turns lights ON. When motion is no longer detected, lights remain ON for a selected time then automatically switch OFF.

Manual ON/OFF button allows you to operate as a regular switch.

Ideal for bathrooms, vestibules, laundry and utility rooms, closets and more.

SPECIFICATIONS

Voltage	120V AC, 60Hz
Load (Single Pole Circuit)	
Incandescent	500 Watt
Resistive Load	500 Watt
Fluorescent	500 VA
Motor	1/8 HP
Time ON Selection	15 seconds to 30 minutes
Application	Indoor Use Only

SUITABLE FOR USE WITH ELECTRONIC BALLASTS, INCLUDING COMPACT FLUORESCENT LIGHT BULBS

2 YEAR

WARRANTY

We warrant this product to be free from defects in material and workmanship.

Warranty obligations are limited to repairing or replacing all or any part of the product for 2 years from the original purchase date.

We are not responsible for any other loss or damage which may arise through use or installation of this product.

This warranty is void if damage is due to misuse, improper wiring or abuse.

BASIC OPERATION

This device operates in three modes: ON, OFF and AUTO.

ON: Slide switch to the far right.

Off: Slide switch to the far left.

AUTO: Switch is set in centre position.

Note: Allow one (1) minute for device to warm up before using in AUTO mode.

AUTO Mode

In AUTO mode, the device will switch lights OFF in an unoccupied room if no motion is detected. In AUTO mode, the LED indicator flashes when motion is detected.

Manual ON

If continuous operation is desired, slide switch to ON position.

Manual OFF

To turn device completely OFF, slide switch to the OFF position.

INSTALLATION

Please read before installing.

Use only with copper or copper-clad wire. Install in accordance with all appropriate electrical codes and requirements. Install only on a single pole circuit.

1 TURNING OFF POWER

Disconnect power by removing fuse or turning circuit breaker to OFF position.

2 REMOVING WALL PLATE AND SWITCH

Remove wall plate and old switch. Carefully disconnect wires from switch.

3 WIRING THE MOTION SENSOR SWITCH

A) Connect the **Black** wire from the Motion Sensor Switch to either of the wires removed from the switch using the wire connector supplied.

B) Connect the **Red** wire from the Motion Sensor Switch to the remaining wire removed from the switch using the wire connector supplied.

C) Connect the **White** wire from the Motion Sensor Switch to the Neutral (white) wires that are joined together with a wire connector in the back of the box.

D) If there is no green or bare copper ground wire on the old switch, then for this type of installation, the **Green** ground wire from the Wall Timer should be capped using a wire connector.

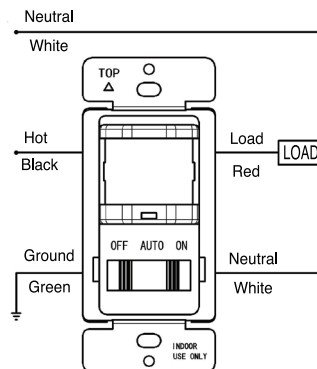
4 MOUNTING MOTION SENSOR SWITCH

Fold wires carefully into the wall box and mount switch "TOP" up with screws. Install wall plate.

5 TURN ON POWER

Switch circuit breaker back ON or re-install fuse. (See figure 1.)

FIGURE 1



PROGRAM SETTINGS & FEATURES

With power restored and wall plate removed, adjusting any of the program settings is easy. Adjustment controls are located on the front of the switch.

By removing control panel cover (with OFF-AUTO-ON markings) and using a small screwdriver, follow the instructions below for any of the 3 settings.

TIME Setting ("TIME" Dial)

Factory Setting: The unit comes preset at a 10 minute Time ON (when set in AUTO mode). You can adjust the time selector to the desired length of time the lights are to remain ON. Using a small screwdriver, rotating the "TIME" control clockwise will increase the ON time while rotating the "TIME" control counter-clockwise will shorten the ON time. Lights remain ON anywhere from 15 seconds to 30 minutes after the room has been vacated.

RANGE Setting ("RANGE" Dial)

Factory Setting: The unit comes preset at INTERMEDIATE.

Detection range and sensitivity can be adjusted. Using a small screwdriver, rotating the "RANGE" dial counter-clockwise will decrease the range while rotating the "RANGE" control clockwise will increase the range.

AMBIENT LIGHT Setting ("LIGHT" Dial)

The Ambient Light setting can be adjusted to keep lights OFF if there is already enough natural light in the room.

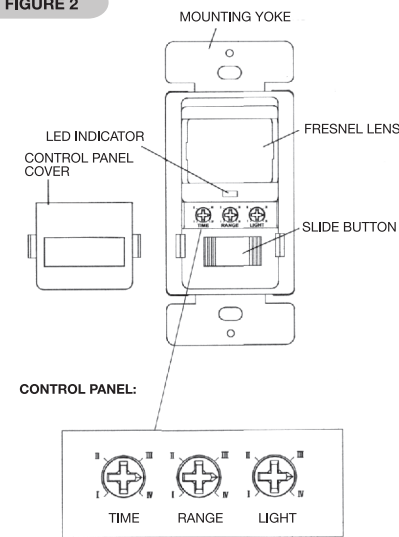
Factory Setting: The unit comes with the "LIGHT" dial in the full clockwise (far right) position, so lights will always turn ON whenever motion is detected, even in full daylight.

INTERMEDIATE setting will cause the lights to turn ON only when the ambient light is below the level selected by the light control.

Turning the "LIGHT" dial counter-clockwise to the extreme left, the lights will stay OFF when the room is dim.

(See figure 2.)

FIGURE 2



TROUBLESHOOTING TIPS

LIGHT DOES NOT SWITCH ON WHEN MOTION IS DETECTED

- Slide switch to AUTO. LED should flash when motion is detected.
- Motion is beyond sensing range – move closer to switch.
- Adjust the LIGHT sensitivity level higher by turning dial clockwise.

LIGHT ALWAYS STAYS ON

- Check that switch is in AUTO position.
- Make sure no motion is occurring in the area until the time delay expires.
- Make sure switch is not installed near hot air currents and/or heat radiating devices, or detecting motion from an adjacent area (e.g. hallway traffic). If so, switch may have to be relocated.

LIGHT DOES NOT TURN ON IN AUTO OR MANUAL ON MODES

- Check that switch is installed correctly.
- Check that power is ON.
- Check that light bulb is functioning.
- If light fixture being controlled has an ON/OFF switch, ensure that it has been turned ON.