

Important: Read all instructions prior to installation.

PIR Activated Motion Sensor Switch

Summary

The LPIR-5A-WHT PIR motion sensing switch offers high sensitivity and reliability. This switch is especially suited as an occupancy sensor for room lighting control.

Features

- Auto-sensing, detects people entering the room
- Delay Time is reset when motion is detected.
- Works with varying levels of ambient light (User Adjustable)
- User settable delay lets you choose how long the switch remains "on" (approx 3.5 seconds - 75 minutes).



Instructions

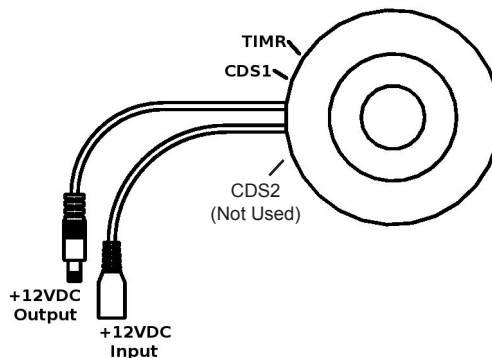
1. Connect switch as shown in the wiring diagram and allow approx 2 minutes for the sensor to stabilize.
2. Now set adjustments

Sensitivity Adjustments

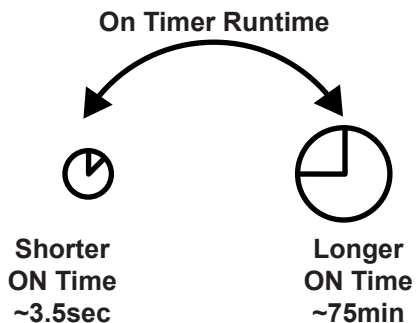
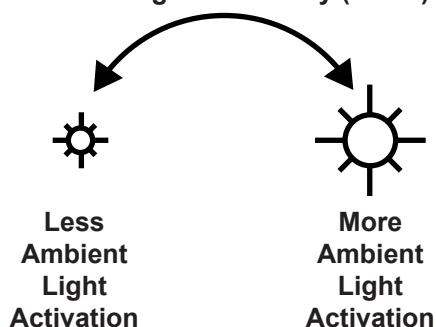
Sensitivity Adjustment (CDS1): Controls the threshold for ambient light, clockwise for more ambient light activation. Rotate counterclockwise for less ambient light activation.

Output Delay Adjustment (TIMR): Turn the adjustment knob clockwise for longer on-time, and counterclockwise for shorter on-time.

Sensitivity Adjustment (CDS2): not used



Ambient Light Sensitivity (CDS1)



Technical Parameters

Operating Voltage	DC12V \pm 10%
Max Load	5 Amps
Sensing Distance	Wall Mounted - range 21ft., Ceiling mounted at height of 7-12ft - range 9-24 ft.
Power Consumption	\leq 0.25W
Load Power	\leq 60W
Detection Angle	130-160 degrees
Ambient Light Sensitivity Range	1-110 LUX (adjustable)
Output Delay	~3.5 seconds - ~75 minutes (adjustable)
Ambient Temperature	14 ~ 122 °F (-10 ~ +50 °C)
Product Size	3.74in x 1.37 (95 x 35mm)
Cycles in Lifetime	50 million

Notes

Install away from windows and air registers. Air movement and direct sunlight can cause false triggers. Avoid installing near radio sources such as cordless phones, Wi-Fi Routers, Microwaves, etc.

