

ASOFTY ASHT100-US

ASOFTY PIR Wireless Motion Sensor Switch with Outlet

Model: ASHT100-US Instruction Manual

1. INTRODUCTION

Thank you for choosing the ASOFTY PIR Wireless Motion Sensor Switch with Outlet. This device is designed to automate your home appliances by detecting motion and light conditions, providing convenience and energy efficiency. Please read this manual carefully before installation and operation to ensure proper use and optimal performance.

2. PRODUCT OVERVIEW

2.1 Package Contents

- 1 x Wireless Motion Sensor
- 1 x Wireless Outlet (Smart Plug)
- 1 x Mounting Bracket
- Screws and Anchors for Installation

2.2 Key Features

- **Wireless Motion Detection:** Activates connected devices upon detecting movement.
- **Integrated Light Sensor:** Allows for intelligent operation based on ambient light levels (e.g., only activate in darkness).
- **Adjustable Delay Time:** Customize how long devices remain on after motion detection ceases.
- **Adjustable Sensitivity:** Fine-tune motion detection range to prevent false triggers.
- **IP54 Waterproof Rating:** Suitable for both indoor and outdoor use.
- **Easy Installation:** Multiple mounting options including self-adhesive, drilling, and magnetic.
- **Battery Powered Sensor:** The motion sensor operates on 2 AA batteries (not included) for flexible

placement.



Image: The ASOFTY wireless motion sensor and the smart plug outlet, showing their compact design.

3. SETUP AND INSTALLATION

3.1 Powering the Motion Sensor

- The motion sensor requires two AA batteries (not included).
- Open the battery compartment on the back of the sensor.
- Insert the batteries, ensuring correct polarity (+/-).
- Close the battery compartment securely.

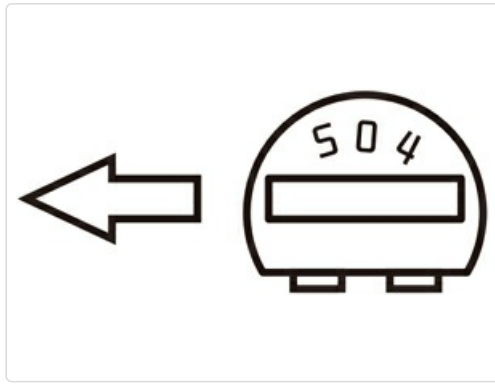


Image: A close-up view of the motion sensor, indicating where batteries are inserted.

3.2 Installing the Motion Sensor

The ASOFTY motion sensor offers flexible installation options:

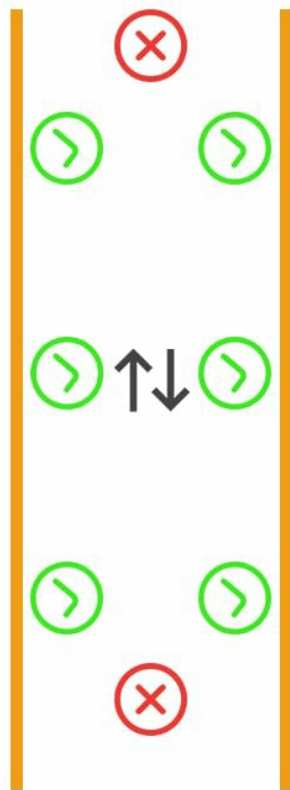
- **Self-Adhesive:** For smooth, clean surfaces, use the provided adhesive pad to attach the sensor.
- **Drilling:** Use the included mounting bracket, screws, and anchors to securely fix the sensor to a wall or ceiling.
- **Magnetic:** The sensor can be attached to metallic surfaces using its magnetic base.

Ensure the sensor is placed in a location where it can effectively detect motion in the desired area. Avoid placing it directly facing heat sources or in direct sunlight, which can cause false triggers.

PIR Sensor Installation Location Diagram

Since the sensor mainly detects the displacement of the moving object in the horizontal direction, it is not ideal to install it in the direction facing the moving object.

Sensitivity is best only when the direction of motion is tangential to the sensor.



Corridors



Rooms

Image: Diagram illustrating optimal and suboptimal placement for PIR motion sensors in corridors and rooms for effective motion detection.

3.3 Connecting the Wireless Outlet

- Plug the wireless outlet into a standard electrical wall socket.
- Plug the appliance you wish to control (e.g., lamp, fan) into the wireless outlet.
- The motion sensor and wireless outlet are pre-paired for immediate use.

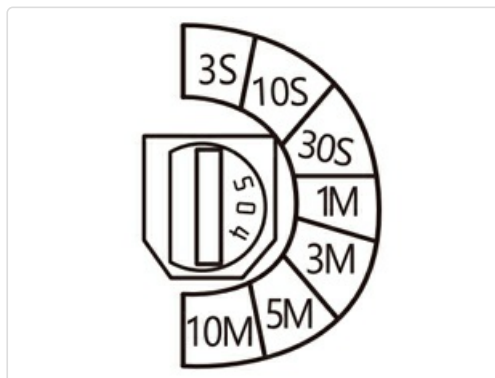


Image: A close-up of the wireless outlet, showing its design and power button.

4. OPERATING INSTRUCTIONS

The ASOFTY Motion Sensor Switch with Outlet is designed for automatic operation. You can customize its behavior using the adjustment dials on the motion sensor.

4.1 Motion Detection and Light Sensor Functionality

The system activates connected devices when motion is detected. The integrated light sensor can be configured to only activate devices when ambient light is below a certain threshold, such as at night or in dimly lit areas.



Image: Illustration showing the motion sensor detecting presence and activating lights based on daylight conditions (daytime, evening, night).

4.2 Adjusting Delay Time

The delay time determines how long the connected device remains on after motion is no longer detected. This prevents devices from turning off too quickly if you are still in the area.

- Locate the 'TIME' adjustment dial on the motion sensor.
- Rotate the dial to set the desired delay duration (e.g., 3s, 10s, 30s, 1min, 3min, 5min, 10min). The

default setting is typically 3 seconds.

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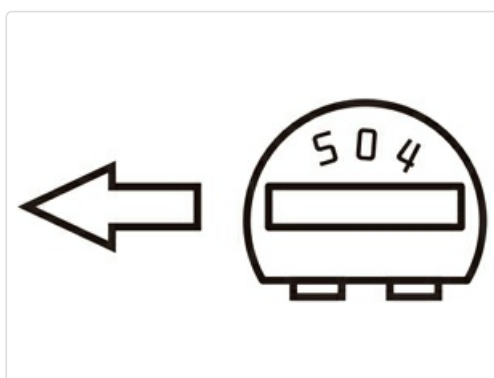


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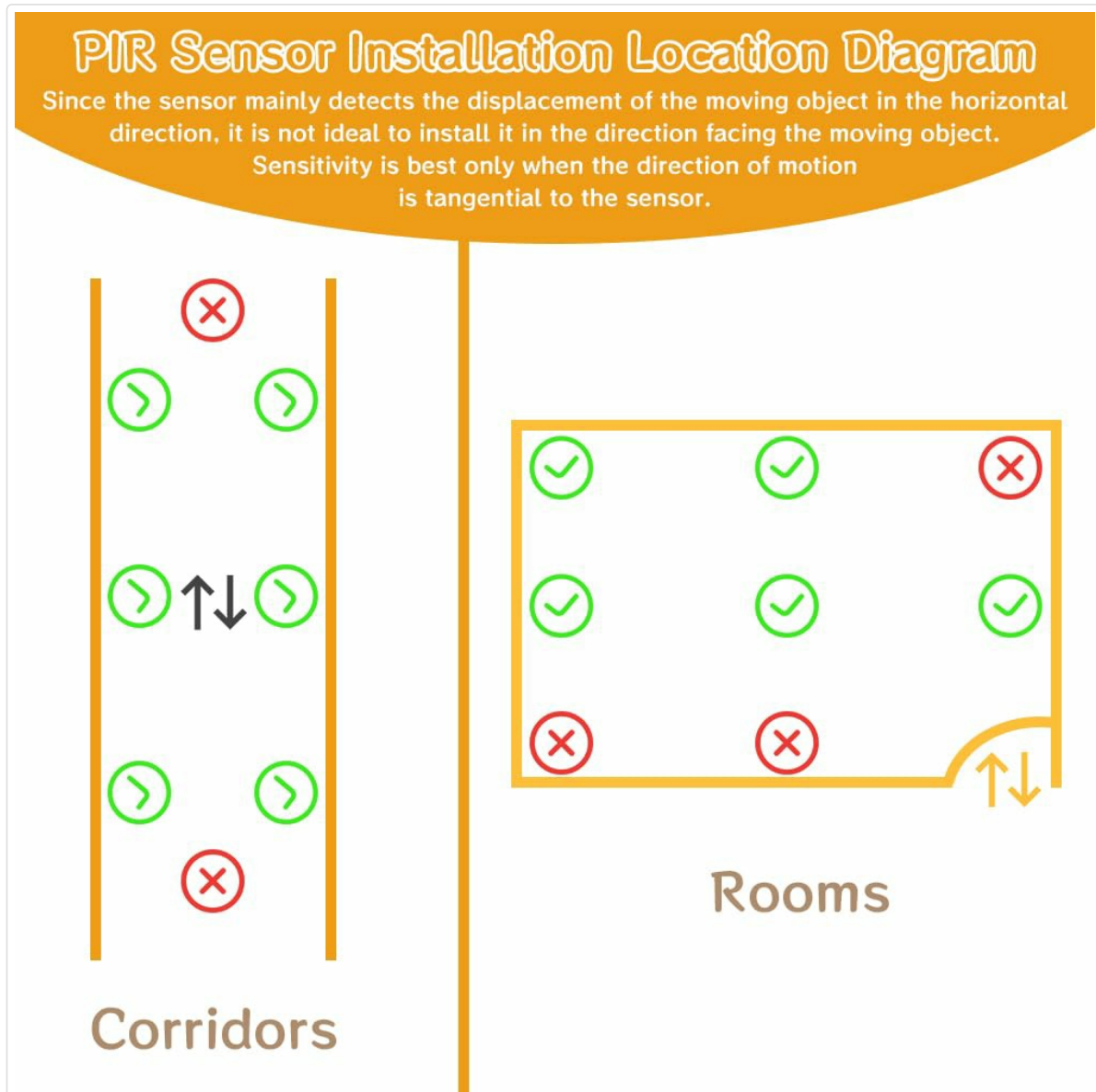


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