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> [AIXPI Battery Powered Motion Sensor Outdoor Lights \(Model JY2318\) Instruction Manual](#)

AIXPI JY2318

AIXPI Battery Powered Motion Sensor Outdoor Lights

Model: JY2318 | Brand: AIXPI

INTRODUCTION

The AIXPI Battery Powered Motion Sensor Outdoor Light (Model JY2318) provides bright, reliable illumination for various indoor and outdoor spaces. This floodlight features 1500 lumens of brightness, a highly sensitive motion sensor, and adjustable light panels to ensure wide coverage. Designed for convenience, it operates on D-type batteries, eliminating the need for wiring or solar power, and boasts an IP65 waterproof rating for durability in diverse weather conditions.

Its versatile design allows for installation in locations without direct power access, such as garages, warehouses, driveways, patios, and entryways. The motion sensor activates the light for 20 seconds upon detecting movement, conserving battery life by remaining off during daylight hours.



Image: AIXPI Battery Powered Motion Sensor Outdoor Light with adjustable panels, highlighting its design and functionality.

WHAT'S IN THE BOX

Upon unboxing your AIXPI Motion Sensor Light, please ensure all components are present:

- 1 x AIXPI Battery Powered Motion Sensor Outdoor Light
- 1 x Mounting Plate
- 1 x Small Screwdriver
- Mounting Screws and Wall Anchors
- Instruction Manual

Note: 3 x D-type batteries are required and not included in the package.

SPECIFICATIONS

Brand	AIXPI
Model Name	FloodLight (JY2318)
Color	Black
Material	Acrylonitrile Butadiene Styrene
Light Fixture Form	Floodlight
Room Type	Indoor, Outdoor
Product Dimensions	3"L x 5"W x 2"H
Power Source	Battery Powered
Special Feature	Battery Powered, Motion Sensor, Waterproof
Light Source Type	LED
Number of Light Sources	3
Voltage	4.5 Volts
Brightness	1500 Lumen
Water Resistance Level	Waterproof (IP65)
Batteries Required	3 x D-type batteries (not included)

SETUP

1. Battery Installation

1. Locate the battery compartment on the back of the light unit.

2. Using the provided small screwdriver, carefully remove the six screws securing the battery compartment cover.
3. Insert three (3) D-type alkaline batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Replace the battery compartment cover and securely fasten the six screws. Ensure the cover is flush to maintain the IP65 waterproof seal.

Video: Demonstrates the process of installing D-type batteries into the AIXPI Motion Sensor Light, including opening and securing the battery compartment.



Image: Visual guide showing the steps for installing batteries and mounting the light unit.

2. Mounting the Light

1. Choose a suitable location for installation, ensuring it is within the desired motion detection range and provides adequate light coverage.
2. Secure the separate mounting plate to your chosen surface (wall, fence post, etc.) using the provided screws and wall anchors.
3. Align the light unit with the mounted plate and slide it downwards until it securely locks into place.

OPERATING INSTRUCTIONS

1. Powering On/Off

After battery installation, locate the power button on the back of the main unit. Press the button to turn the light on. The light will then operate automatically based on motion detection and ambient light conditions.

2. Motion Sensor Functionality

- The integrated motion sensor has a 160° sensing angle and can detect motion up to 50 feet (15 meters) away.
- The light will automatically activate for approximately 20 seconds when motion is detected in a dark environment.
- To conserve battery life, the motion sensor is designed to stop working during daylight hours.



Image: Diagram illustrating the 160-degree sensing angle and 50-foot detection range of the motion sensor, triggered by human and animal movement.

During the day, the light does not work.



At night or in a dark environment and when motion is detected, the light will come on for about 20 seconds.



Image: Illustrates that the light does not operate during the day and activates for 20 seconds at night when motion is detected.

3. Adjustable Light Panels

The three light panels are independently adjustable. You can manually pivot each panel to direct the light precisely where needed, providing wider and more customized illumination coverage.

<p>Install everywhere and work for seasons</p>	<p>Need installation in sunlight, not suitable for all weather</p>
 <p>BATTERY POWERED</p>	 <p>SOLAR POWERED</p>
<p>Long Last Battery Powered Flood Light</p>	<p>AC Wired Flood Light</p>
<p>180 days with 10 times trigger per day</p>  <p>BATTERY POWERED</p>	 <p>AC WIRED POWERED</p> <p>AC WIRED POWERED</p>

Image: AIXPI Motion Sensor Flood Light showcasing its adjustable heads for customized lighting angles.

MAINTENANCE

Battery Replacement

When the light's brightness diminishes or it stops activating, it's time to replace the batteries. Follow the battery installation steps outlined in the Setup section to replace the three D-type batteries. Always use fresh, high-quality alkaline batteries for optimal performance and longevity.

Cleaning

Periodically wipe the light panels and motion sensor lens with a soft, damp cloth to remove dust and debris. Avoid using abrasive cleaners or solvents that could damage the unit.

Weather Resistance

The light is IP65 waterproof, designed to withstand rain, snow, and other harsh weather conditions. Ensure the battery compartment is always securely sealed after battery changes to maintain its waterproof integrity.

TROUBLESHOOTING

- **Light not turning on:** Ensure batteries are correctly installed with proper polarity and are not depleted. Check that the power button is in the 'ON' position. The light will only activate in dark conditions when motion is detected.
- **Motion sensor not detecting:** Verify the motion sensor is not obstructed. Ensure the light is installed within the recommended detection range (up to 50 ft) and angle (160°). Test in varying light conditions to confirm it's dark enough for activation.
- **Light stays on constantly:** Check for continuous motion within the sensor's range. Ensure the sensor lens is clean and free from debris that might trigger false detections.
- **Short battery life:** Ensure high-quality D-type alkaline batteries are used. Frequent activation in high-traffic areas will naturally reduce battery life. Extreme cold weather can also impact battery performance.

WARRANTY & SUPPORT

Warranty Information

This AIXPI product comes with a **2-year warranty** from the date of purchase, covering defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

Customer Support

For any questions, technical assistance, or warranty claims, please contact AIXPI customer support through the retailer's platform or visit the official AIXPI website for contact information.

