ProGreen PG-BD000J4CT-BK*2

ProGreen Battery Motion Sensor Light

User Manual

Model: PG-BD000J4CT-BK*2 | Brand: ProGreen

Product Overview

The ProGreen Battery Motion Sensor Light is a versatile and efficient lighting solution designed for both indoor and outdoor use. Featuring high-brightness LED beads and advanced motion detection, it provides reliable illumination while conserving energy.



Figure 1: ProGreen Battery Motion Sensor Lights (2-Pack)

Key Features:

- **Bright Illumination:** Equipped with 9 high-brightness LED beads, delivering up to 100 lumens of 6000K cool white light. LED lifespan exceeds 50,000 hours.
- **Dual Lighting Modes:** Features an AUTO mode for motion-activated lighting (turns off after 30 seconds of no motion) and an ON mode for continuous illumination.
- **Easy Installation:** Wireless design eliminates the need for complex wiring. Can be mounted with included screws or other adhesive methods.
- **Adjustable & Wide Coverage:** The light can be rotated 360°, and the motion sensor offers a 90° detection angle, allowing for flexible light direction.
- **Durable & Weatherproof:** Meets IP44 waterproof rating, making it suitable for various indoor and outdoor environments. For outdoor use, placement in a sheltered area is recommended.

Setup and Installation

Follow these steps to set up your ProGreen Motion Sensor Light:

1. **Prepare Batteries:** The light requires 3 AAA batteries (not included). To install, twist the base of the light counter-clockwise to open the battery compartment. Insert the batteries according to the polarity markings, then close the compartment by twisting clockwise until secure.



Figure 2: Product Dimensions and Battery Installation

2. **Choose a Location:** Select a suitable location for installation. The light is ideal for gardens, yards, front doors, hallways, walkways, stairs, garages, closets, or any dark areas requiring illumination. For outdoor use, consider a sheltered spot to maximize longevity.
3. **Mount the Light:**
    - **Using Screws (Included):** Remove the base of the light. Use the base as a template to mark drilling points on the wall. Secure the base to the wall using the provided screws. Once the base is mounted, attach the light unit to the base.
    - **Using Adhesive (Not Included):** For non-permanent installation or surfaces where drilling is not preferred, strong adhesive strips (e.g., 3M Velcro tabs) can be used on the back of the light's base. Ensure the surface is clean and dry before applying.



Figure 3: Easy Installation Steps

4. **Adjust Angle:** Once mounted, rotate the light unit 360° to direct the light beam and sensor detection area as needed. The sensor has a 90° detection angle.

Operating Instructions

Your ProGreen Motion Sensor Light offers two operating modes:

- **AUTO Mode:** In this mode, the light will automatically turn on when motion is detected in dark conditions. It will remain on for approximately 30 seconds after motion ceases, then turn off. This mode is ideal for energy saving and hands-free operation in areas like hallways, closets, or entryways.
- **ON Mode:** In this mode, the light will stay on continuously, regardless of motion or ambient light conditions. Use this mode when constant illumination is desired.

To switch between modes, locate the small switch on the side of the light unit and slide it to your desired setting (ON or AUTO).

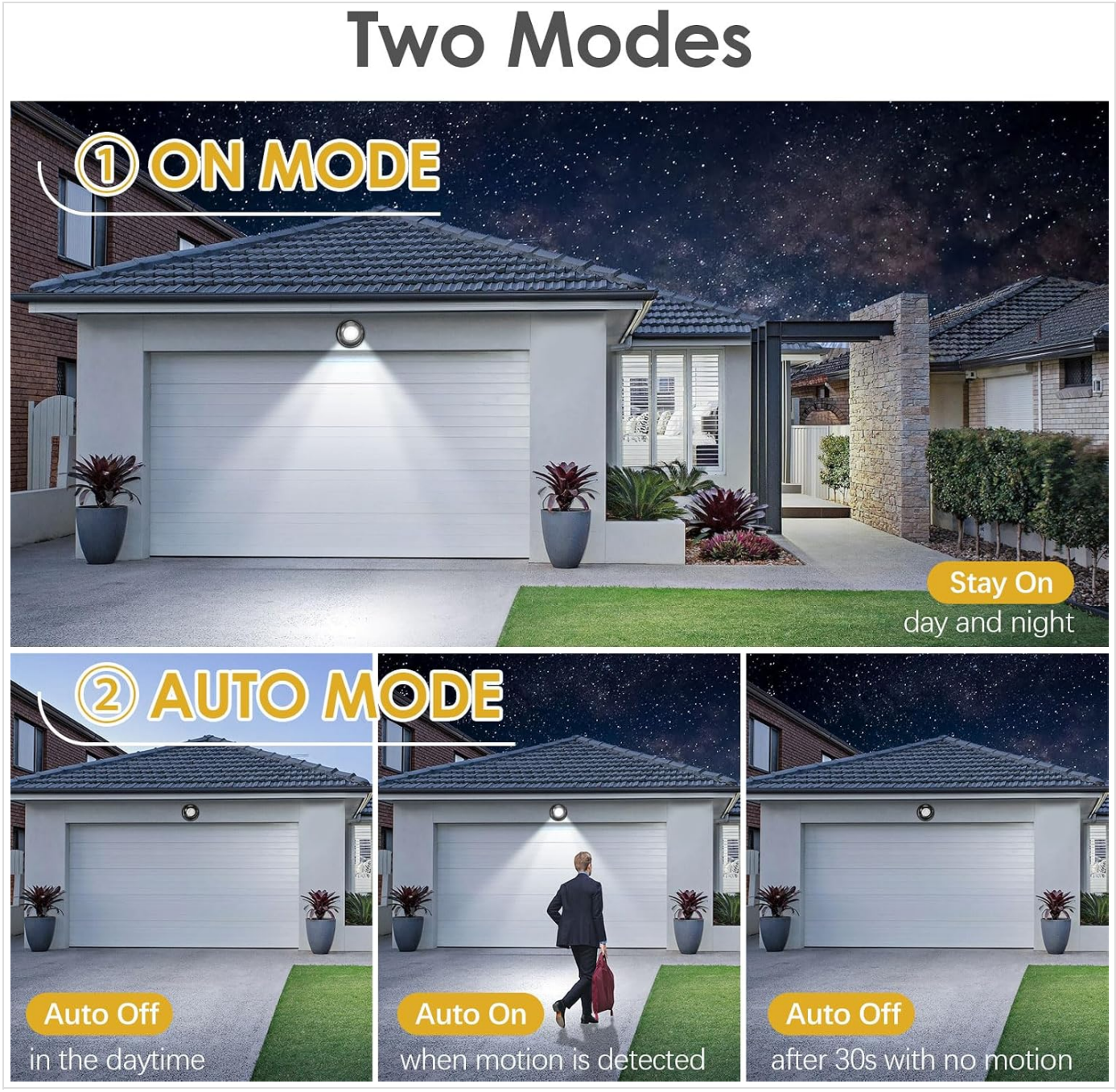


Figure 4: Motion Sensing Capabilities

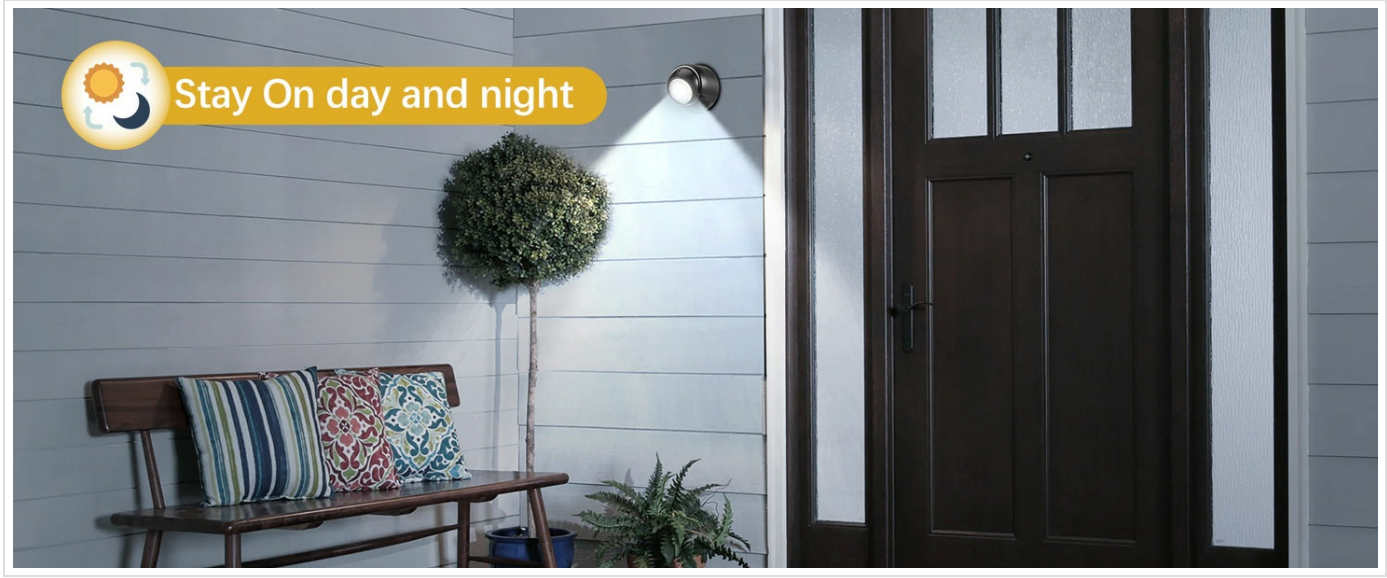


Figure 5: Demonstration of ON and AUTO Modes

Applications:

The versatile design allows for various applications:

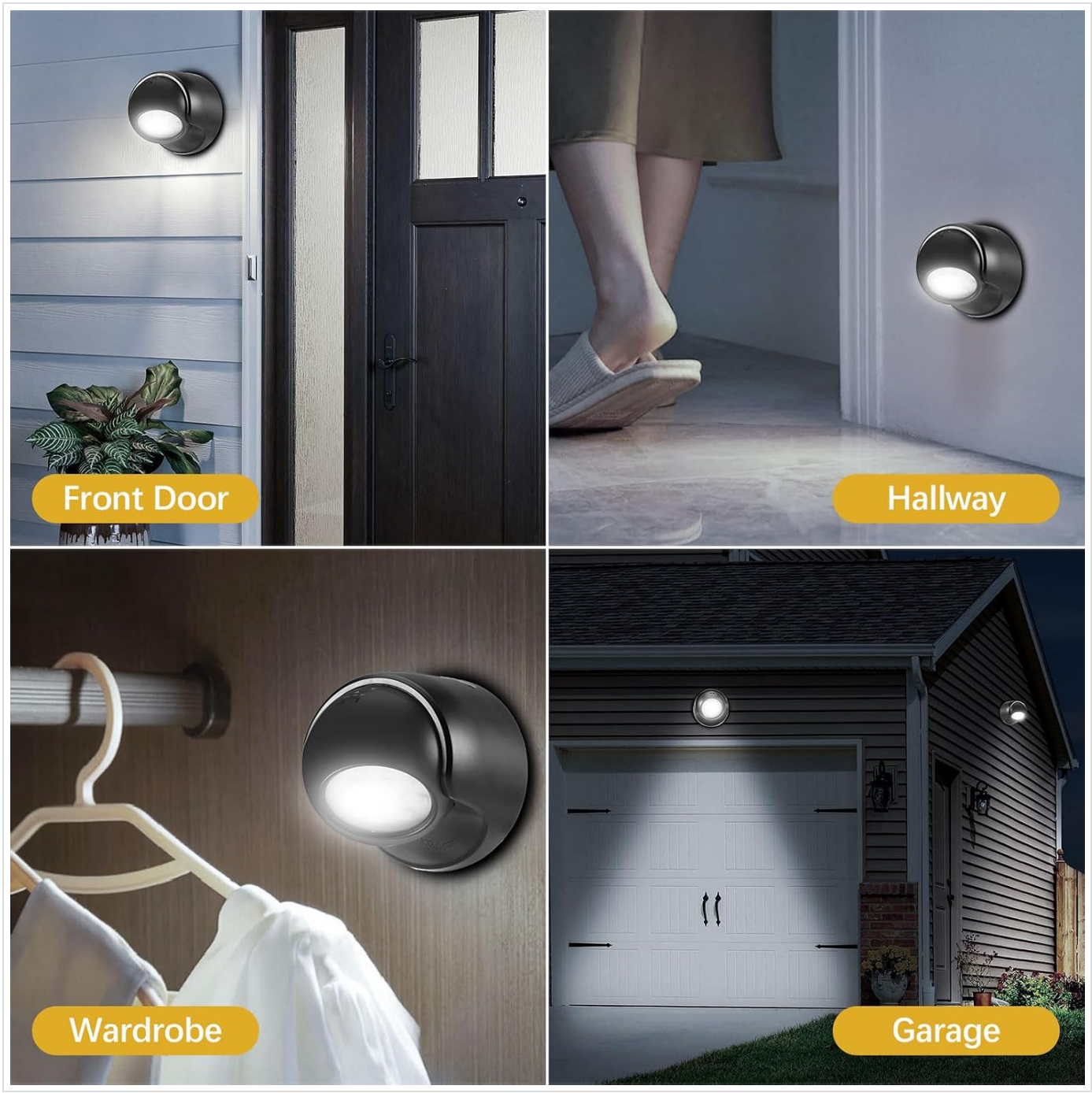


Figure 6: Common Applications (Front Door, Hallway, Wardrobe, Garage)

Maintenance

To ensure optimal performance and longevity of your ProGreen Motion Sensor Light, follow these maintenance guidelines:

- **Battery Replacement:** When the light's brightness decreases or motion sensitivity reduces, it's an indication that the batteries need replacing. Twist the base counter-clockwise, remove old batteries, and insert 3 new AAA batteries, ensuring correct polarity.
- **Cleaning:** Periodically wipe the light's surface with a soft, damp cloth to remove dust and dirt. Avoid using abrasive cleaners or solvents.
- **Outdoor Placement:** While the light is IP44 waterproof, placing it in a sheltered area when used outdoors (e.g.,

under an overhang or porch) can further protect it from extreme weather conditions and extend its lifespan.

Troubleshooting

If you encounter issues with your ProGreen Motion Sensor Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on in AUTO mode.	Insufficient darkness; batteries are low or dead; sensor obstructed or faulty.	Ensure the environment is sufficiently dark for AUTO mode to activate. Replace batteries. Check for obstructions around the sensor.
Light stays on continuously in AUTO mode.	Continuous motion detected; light is in ON mode.	Ensure there is no continuous motion in the sensor's range. Verify the mode switch is set to AUTO.
Light is dim or flickers.	Low battery power.	Replace the 3 AAA batteries with new ones.
Motion sensor is not sensitive enough.	Ambient light is too high; sensor angle is incorrect; low battery.	Ensure the light is used in a dark area for optimal sensor performance. Adjust the light's angle to cover the desired detection area. Replace batteries.

Specifications

Feature	Detail
Brand	ProGreen
Model Number	PG-BD000J4CT-BK*2
Light Source Type	LED
Color Temperature	6000 Kelvin (Cool White)
Brightness	100 Lumen
Power Source	Battery Powered (3 AAA batteries, not included)
Voltage	4.5 Volts
Material	Plastic
Product Dimensions	3.66"L x 3.66"W x 3.46"H (approx. 9.3cm x 9.3cm x 8.8cm)
Item Weight	4.9 ounces (approx. 140 Grams)
Water Resistance Level	IP44 Waterproof
Average Life	50,000 Hours
Control Method	Motion Sensor / Push Button Switch

Feature	Detail
Installation Type	Wall Mount

Warranty and Support

ProGreen stands behind the quality of its products. Your Battery Motion Sensor Light comes with a **one-year warranty** from the date of purchase.

If you have any questions, concerns, or require assistance with your product, please do not hesitate to contact ProGreen customer support. We are committed to providing a 100% satisfactory solution.

For additional information, you may refer to the official User Manual PDF: Download User Manual (PDF)

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