

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

> [Mr Beams](#) /

> [Mr Beams MB3000 Outdoor Motion Sensing Floodlight Instruction Manual](#)

Mr Beams MB3000

Mr Beams MB3000 Outdoor Motion Sensing Floodlight Instruction Manual

Model: MB3000

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Mr Beams MB3000 Outdoor Battery-Powered Wireless Motion Sensing Dual Head Security Floodlight. Please read this manual thoroughly before use to ensure proper function and longevity of the product.

PACKAGE CONTENTS

Verify that all items are present in your package:

- MB3000 Dual Head Security Floodlight
- Mounting Hardware & Anchor
- User Manual (this document)

FEATURES

- **Dual Headlights:** Two adjustable light heads provide 500 lumens of bright, white light (5000K color temperature).
- **Adjustable Heads:** Each light head pivots 180 degrees vertically and 135 degrees horizontally for customizable light coverage.
- **Motion Detection:** Activates when motion is detected up to 30 feet away within a 120° angle.
- **Automatic Shut-off:** Light automatically turns off after 20 seconds of no motion, conserving battery life.
- **Wireless & Battery-Powered:** Operates on 4 D-cell batteries (not included), allowing for easy installation without wiring.
- **Weather Resistant:** Durable design with an IPX6 rating, suitable for outdoor use.

SETUP

1. Battery Installation

The floodlight requires 4 D-cell batteries for operation. Batteries are not included.

1. Locate the battery compartment on the back of the light unit.
2. Use a large flat screwdriver to open the battery compartment cover.
3. Insert 4 D-cell batteries, ensuring correct polarity (+/-).
4. Securely close the battery compartment cover.

2. Mounting the Floodlight

The floodlight is designed for wall mounting. Select a location that provides the desired coverage and motion detection range.

1. Choose a suitable mounting location (e.g., over doorways, garages, walkways, sheds, fences, trees).
2. Detach the mounting plate from the light unit by pressing the tab at the bottom and sliding the unit off.
3. Position the mounting plate and mark the three screw holes.
4. Drill pilot holes if necessary and secure the mounting plate using the provided screws and anchors.
5. Slide the light unit onto the secured mounting plate until it locks into place.



Image: Detaching the light unit from the mounting plate for battery access or installation.



Image: The floodlight installed on a tree, demonstrating its outdoor application.

OPERATING INSTRUCTIONS

Motion Activation

The MB3000 floodlight is designed to activate automatically when motion is detected in low light conditions. It will remain on as long as motion is present within its detection range and will turn off 20 seconds after motion ceases.

- The motion sensor has a detection range of up to 30 feet and a 120° angle.
- The light will only activate in dark or very low light conditions to conserve battery life.



Image: The floodlight illuminating a person in a dark outdoor setting, demonstrating motion activation.

Adjusting Light Heads

The two light heads can be independently adjusted to direct illumination precisely where needed.

- Each head can pivot 180 degrees up and down.
- Each head can pivot 135 degrees side to side.
- Gently move the light heads by hand to achieve the desired angle. They are designed to hold their position.



Image: Detail of the adjustable light heads, illustrating their range of motion.



Image: The floodlight illuminating a garage door with a broad light pattern.



Image: The floodlight illuminating a garage door with two focused light patterns, demonstrating head adjustability.

MAINTENANCE

- **Battery Replacement:** Replace all 4 D-cell batteries when the light output diminishes or the unit stops activating. Average battery life is estimated at 1 year with 8 activations per day.
- **Cleaning:** Periodically clean the lens and sensor covers with a soft, damp cloth to ensure optimal performance. Do not use abrasive cleaners.
- **Environmental Protection:** While weather-resistant, mounting the unit under an eave or protected area can extend its lifespan.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	Batteries are dead or incorrectly installed. Ambient light is too bright. Motion sensor is obstructed.	Replace batteries, ensuring correct polarity. Test in a darker environment. Clear any obstructions from the sensor.

Problem	Possible Cause	Solution
Light turns on unexpectedly (false triggers).	<p>Motion sensor is too sensitive or detecting distant objects/animals.</p> <p>Movement from trees, bushes, or reflective surfaces.</p> <p>High winds or heavy rain.</p>	<p>Adjust the angle of the light heads to narrow the detection area.</p> <p>Relocate the floodlight to an area with less environmental interference.</p> <p>Ensure the sensor is not directly facing areas with frequent non-human motion.</p>
Light stays on too long or not long enough.	<p>Continuous motion detected.</p> <p>Internal timer malfunction (rare).</p>	<p>Ensure no continuous motion is within the sensor's range.</p> <p>The light is designed to turn off after 20 seconds of no motion.</p>

SPECIFICATIONS

Luminous Flux:	500 Lumens
Light Color Temperature:	5000K
Lighting Modes:	Motion Activated
Motion Angle of Detection:	120°
Motion Range:	Up to 30 ft.
Auto Shut Off:	20 seconds
Power:	4 D-cell Batteries (Not Included)
Operating Conditions:	0 - 131°F (-17.8 - 55°C)
Mounting:	Wall
Weatherproof Rating:	IPX6
Unit Dimensions:	3.62" H x 10.67" W x 3.94" D
Unit Weight:	1.11 Pounds

WARRANTY

All Mr Beams products are guaranteed against defects in workmanship and materials for 1 year from the date of purchase. For full terms and conditions, please refer to the official Mr Beams warranty information.

SUPPORT

For additional information or assistance, please visit the official Mr Beams product support page. Contact information for customer service may also be available on their website.

Note: The provided JSON does not contain a direct link for support, only a general statement.

