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> [Mr Beams MBN3000 NetBright Wireless Motion Sensing LED Security Spotlight User Manual](#)

Mr Beams MBN3000

Mr Beams MBN3000 NetBright Wireless Motion Sensing LED Security Spotlight User Manual

Model: MBN3000

INTRODUCTION

The Mr Beams MBN3000 NetBright High Performance LED Security Light is designed to enhance safety and security around your home. This battery-powered, motion-activated spotlight delivers 500 lumens of bright light and features two adjustable heads, capable of covering up to 800 square feet. Its innovative NetBright technology allows multiple lights to communicate wirelessly, creating a synchronized lighting network for comprehensive outdoor illumination.

PACKAGE CONTENTS

Verify that all components are present in your package:

- 2 Mr Beams MBN3000 Spotlights
- 2 Mounting Bases
- 6 Screws and Anchors
- User Manual (this document)

FEATURES

- **500 Lumen Output:** Provides bright illumination for large, dark areas.
- **NetBright Technology:** Allows lights to communicate wirelessly. When one light detects motion, all other lights on the same network activate simultaneously.
- **Adjustable Dual Heads:** Two light heads pivot 180 degrees vertically and 135 degrees horizontally, allowing for customized light coverage.
- **Motion Activated:** Automatically turns on when motion is detected within its range.
- **Auto Shut-Off:** Lights automatically turn off after a period of no motion to conserve battery life.
- **Battery Powered:** Operates on D-cell batteries, enabling wireless installation anywhere without electrical wiring.
- **Weatherproof Design:** Suitable for outdoor use in various weather conditions.

- **Expandable Network:** Create up to 4 zones with up to 50 lights on each network for extensive coverage.

SETUP AND INSTALLATION

The Mr Beams MBN3000 spotlight is designed for quick and easy installation without the need for electrical wiring.

1. Battery Installation

1. Locate the battery compartment on the back of the spotlight unit.
2. Open the compartment and insert 4 D-cell batteries, ensuring correct polarity (+/-).
3. Securely close the battery compartment to maintain weather resistance.

2. Mounting the Spotlight

Choose a desired location for installation, such as garages, doorways, sheds, fences, or trees. Ensure the mounting surface is stable.

1. Position the mounting base against the desired surface.
2. Mark the screw hole locations through the base.
3. Drill pilot holes if necessary, especially for wood or if using anchors for masonry.
4. Attach the mounting base using the provided screws and anchors.
5. Slide the spotlight unit onto the mounted base until it clicks securely into place.



Image: A person installing the Mr Beams MBN3000 spotlight onto house siding, demonstrating the mounting process.

3. Adjusting Light Heads

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

1. Gently pivot each light head up or down (180 degrees range).
2. Rotate each light head side to side (135 degrees range).
3. Aim the motion sensor (located between the light heads) towards the primary area you wish to monitor.



Image: A close-up view of the Mr Beams MBN3000 spotlight, highlighting the adjustable nature of its dual light heads.

OPERATING INSTRUCTIONS

Motion Activation

The spotlight is equipped with a passive infrared (PIR) motion sensor. It will automatically turn on when it detects movement within its detection zone in low-light conditions. The light will remain on as long as motion is detected and will turn off automatically after a set period of no motion.

NetBright Synchronization

NetBright technology allows multiple Mr Beams NetBright lights to communicate. When one NetBright light detects motion and activates, all other NetBright lights on the same network will also turn on, providing broader and more effective illumination.

1. **Setting up Networks/Zones:** The MBN3000 allows for the creation of up to 4 distinct networks (zones). Refer to the small switch or button on the unit (location may vary slightly) to select a network channel (e.g., A, B, C, D).

2. **Pairing Lights:** Ensure all lights intended to work together are set to the same network channel. When motion activates one light, others on that channel will synchronize.



Image: The Mr Beams MBN3000 spotlight mounted on a tree, effectively illuminating a section of a backyard at night.



Image: The Mr Beams MBN3000 spotlight mounted on house siding, demonstrating its bright illumination.

Product Video

Watch this official product video for a visual overview of the Mr Beams NetBright High Performance Security Light and its features.

Your browser does not support the video tag.

Video: An official demonstration of the Mr Beams MBN3000 NetBright High Performance Wireless Battery Powered Motion Sensing LED Dual Head Security Spotlight, showcasing its functionality and benefits.

MAINTENANCE

Battery Replacement

When the light output diminishes or the unit stops activating, it is time to replace the batteries. The MBN3000 requires 4 D-cell batteries.

1. Remove the spotlight unit from its mounting base by sliding it off.

2. Open the battery compartment.
3. Remove old batteries and dispose of them according to local regulations.
4. Insert new D-cell batteries, observing correct polarity.
5. Close the battery compartment securely and reattach the unit to its mounting base.

Cleaning

Periodically clean the exterior of the spotlight, especially the motion sensor lens and LED covers, with a soft, damp cloth. Avoid using abrasive cleaners or solvents, as these can damage the unit or its weather seal.

Weatherproofing

While designed to be weatherproof, ensure the battery compartment is always securely closed after battery changes to prevent water ingress. Regularly inspect the unit for any visible damage that might compromise its weather resistance.

TROUBLESHOOTING

- **Light does not turn on:**

- Check battery installation and ensure batteries are fresh.
- Verify the motion sensor is not obstructed and is aimed correctly.
- Ensure it is dark enough for the light to activate (it will not turn on in bright conditions).

- **Lights are not synchronizing (NetBright):**

- Confirm all lights intended to synchronize are set to the same network channel.
- Ensure lights are within the effective wireless range (typically up to 150 feet, but can be affected by obstacles).

- **Short battery life:**

- Frequent activation in high-traffic areas will reduce battery life. Consider repositioning if unnecessary activations occur.
- Ensure high-quality D-cell batteries are used.

- **Motion detection issues (too sensitive/not sensitive enough):**

- Adjust the angle of the motion sensor. Avoid aiming it at heat sources or areas with constant movement (e.g., swaying branches).
- The detection zone is typically narrow; ensure the sensor covers the desired area.

- **Internal corrosion:**

- If internal corrosion is observed, especially in the battery compartment, ensure the compartment seal is intact and properly closed. Clean any minor corrosion with a cotton swab and vinegar, then dry thoroughly. Severe corrosion may indicate a compromised seal or faulty unit.

SPECIFICATIONS

Brand	Mr Beams
Model Number	MBN3000-BRN-02-00

Light Source	LED
Brightness	500 Lumens
Power Source	Battery Powered (4 D-cell batteries)
Motion Sensor	Yes
Indoor/Outdoor Usage	Outdoor
Material	Plastic
Item Dimensions (L x W x H)	10.67"L x 3.94"W x 3.62"H
Item Weight	13.44 ounces
UPC	815995020113

WARRANTY AND SUPPORT

Warranty Information

This Mr Beams MBN3000 spotlight comes with a **1-year limited warranty** from the manufacturer. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty documentation included with your product or visit the official Mr Beams website.

Customer Support

For further assistance, technical support, or warranty inquiries, please contact Mr Beams customer service through their official website or the contact information provided in your product packaging.