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Bell+Howell 8141

Bell+Howell Bionic Floodlight Deluxe User Manual

Model: 8141

Introduction

Thank you for choosing the Bell+Howell Bionic Floodlight Deluxe. This solar-powered, motion-sensing LED floodlight is designed to provide bright, reliable illumination for your outdoor spaces, enhancing security and visibility. Its adjustable panels and easy installation make it a versatile lighting solution for gardens, patios, garages, and more. Please read this manual thoroughly before installation and operation to ensure proper use and longevity of your device.

Safety Information

Always observe the following safety precautions to reduce the risk of injury or damage:

- Do not attempt to disassemble or modify the unit. This may void the warranty and cause damage.
- Ensure the solar panel receives direct sunlight for optimal charging. Avoid shaded areas.
- Mount the floodlight securely to prevent it from falling.
- Keep the unit away from open flames or extreme heat sources.
- Do not stare directly into the LED lights when illuminated, as this may cause eye strain.
- This product is designed for outdoor use and is weather-resistant, but avoid submerging it in water.

Package Contents

Verify that all items are present in your package:

- 1 x Bell+Howell Bionic Floodlight Deluxe Unit
- 1 x Ground Stake
- 1 x Remote Control

- Installation Hardware (Screws, Wall Anchors)

Setup and Installation

The Bionic Floodlight Deluxe offers two primary installation methods: ground staking or wall mounting.

1. Choosing a Location

Select a location that receives direct sunlight for at least 6-8 hours daily to ensure optimal charging of the solar panel. Avoid areas under eaves, trees, or other obstructions that might block sunlight or motion detection.

2. Installation Methods





Image: The Bionic Floodlight Deluxe shown with its included ground stake, ready for garden or lawn placement.



Image: Illustration demonstrating both the in-ground stake and vertical wall mounting options for versatile placement.

A. Ground Staking

1. Attach the ground stake to the main body of the floodlight.
2. Firmly push the stake into soft ground in your desired location. Ensure the solar panel faces upwards towards the sun.

B. Wall Mounting

1. Mark the desired drilling points on the wall using the floodlight's mounting holes as a guide.
2. Drill holes and insert the provided wall anchors if necessary.
3. Secure the floodlight to the wall using the provided screws. Ensure it is mounted firmly and the solar panel is positioned to receive maximum sunlight.

3. Initial Charge

Allow the floodlight to charge for at least 24-48 hours in direct sunlight before its first use. This ensures the internal battery is fully charged for optimal performance.

Operating Instructions

The Bionic Floodlight Deluxe is designed for automatic operation, but also features remote control for manual adjustments.

1. Automatic Operation (Sensor Mode)

Once sufficiently charged, the floodlight will automatically turn on at dusk and activate its motion sensor. When motion is detected within its range (up to 30 feet), the three LED panels will illuminate brightly. The light will automatically turn off a few seconds after motion ceases or is outside the sensor range.



Image: The floodlight illuminating an area as a person walks by, demonstrating its motion sensing capability and wide coverage.



Image: The floodlight providing extensive illumination over a large area, suitable for garages or outdoor gatherings.

2. Remote Control Functions

The included remote control allows you to override automatic functions and select specific lighting modes.



Image: The remote control for the Bionic Floodlight, showing its four distinct function buttons.



Image: A hand holding the compact remote control, demonstrating its ease of use.

- **OFF Button:** Turns the floodlight completely off, overriding any automatic functions.
- **STROBE:** Activates a flashing light mode for enhanced security or attention.
- **Sensor Mode:** Enables the automatic dusk-to-dawn and motion-sensing functionality. This is the default mode.
- **75% (Continuous ON):** Keeps the light on continuously at 75% brightness, regardless of motion or ambient light.

3. Adjusting Light Panels

The three LED panels are swiveling, allowing you to adjust their angle to direct light precisely where needed. Gently pivot each panel to achieve your desired illumination coverage.



Image: The Bionic Floodlight with its side panels swiveled outwards, demonstrating its adjustable design.



Image: The Bionic Floodlight with its panels adjusted to different angles, showcasing its directional lighting capability.

Maintenance

To ensure the optimal performance and longevity of your Bell+Howell Bionic Floodlight Deluxe, follow these simple maintenance guidelines:

- **Clean the Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures maximum sunlight absorption and efficient charging.
- **Inspect for Damage:** Regularly check the unit for any physical damage, loose connections, or signs of wear.
- **Weather Resistance:** The floodlight is designed to be all-season and weather-resistant (water and frost-resistant). However, in extreme weather conditions like severe storms or prolonged heavy snow, it is advisable to bring the unit indoors if possible to prevent potential damage.
- **Battery:** The internal battery is designed for long-term use. Do not attempt to replace the battery yourself.

Troubleshooting

If you encounter issues with your Bionic Floodlight Deluxe, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar charge. Unit is in 'OFF' mode. Solar panel is dirty or obstructed.	Ensure solar panel receives 6-8 hours of direct sunlight daily. Use remote to select 'Sensor Mode' or '75% Continuous ON'. Clean the solar panel.
Light is dim or only stays on for a short time.	Insufficient solar charge. Battery capacity reduced due to cold weather.	Allow more charging time in direct sunlight. Performance may be reduced in extreme cold; this is normal.
Motion sensor is not working.	Unit is not in 'Sensor Mode'. Sensor is obstructed. Motion is outside detection range.	Use remote to select 'Sensor Mode'. Clear any obstructions in front of the sensor. Ensure motion occurs within 30 feet of the sensor.
Remote control is not working.	Remote battery is dead. Obstruction between remote and unit.	Replace remote battery (if applicable, check remote manual). Ensure clear line of sight to the floodlight's sensor.

Specifications

Brand	Bell+Howell
Model Number	8141
Light Source Type	LED (108 COB LED Count)
Color Temperature	6,500 Kelvin (mimics natural sunlight)
Brightness	2000 Lumen
Power Source	Solar Powered
Motion Sensor Distance	Up to 30 feet
Coverage Area	Up to 1,000 square feet
Material	Acrylonitrile Butadiene Styrene (ABS)
Installation Type	Ground Staked, Wall Mounted
Water Resistance Level	Water Resistant
Item Weight	1.85 pounds

Dimensions (Total Product Size)	13” x 10” (approximate, based on feature bullets)

Warranty and Support

For warranty information and customer support, please refer to the product packaging or contact the manufacturer directly. Keep your purchase receipt as proof of purchase.
For further assistance, you may visit the Bell+Howell store on Amazon:Bell+Howell Store

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