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Bell+Howell Bionic Spotlight Duo (9348)

Bell+Howell Bionic Spotlight Duo User Manual

Model: Bionic Spotlight Duo (9348)

Introduction

The Bell+Howell Bionic Spotlight Duo is a solar-powered, motion-activated outdoor lighting solution designed to provide bright illumination for various outdoor areas. This manual provides essential information for setup, operation, maintenance, and troubleshooting to ensure optimal performance of your device.

Features

- **Solar Powered:** Built-in industrial quality solar panels absorb and store energy from the sun during the day, eliminating the need for batteries or electricity.
- **Motion-Activated:** Designed with motion sensing technology that detects movement up to 25 feet away, automatically turning on and shutting off 30 seconds after movement is outside sensor range.
- **Bright Illumination:** Features 14 high-intensity LED lights, providing 500 lumens of super bright light, capable of illuminating approximately 600 square feet.
- **Multidirectional:** The two light heads are independently adjustable, allowing for flexible positioning to brighten specific dark areas.
- **Easy Installation:** Wireless design requires no special tools. Can be mounted using screws or staked into the ground (hardware included).
- **All-Season & Long-Lasting:** Constructed from high-quality, durable, and weather-resistant materials, including a heat-resistant casing to prevent sun-induced warping or discoloration, suitable for year-round outdoor use.

Setup and Installation

The Bionic Spotlight Duo offers flexible installation options to suit your outdoor lighting needs.

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 with significant shade or artificial light sources at night, as these can interfere with the light sensor.

Installation Methods

The Bionic Spotlight Duo can be installed in two primary ways:

1. **Ground Stake Installation:**
   Attach the included ground stake to the base of the spotlight. Firmly push the stake into soft ground in your desired location. Ensure the solar panel is facing upwards towards the sun.



Image: The Bionic Spotlight Duo can be easily installed into the ground using the provided stake.

2. **Wall Mount Installation:**
   Use the provided screws and anchors to securely mount the spotlight to a wall or other hard surface. Ensure the mounting surface is stable and can support the weight of the unit. Position the solar panel to maximize sun exposure.



Image: The Bionic Spotlight Duo is designed for year-round durability and weather resistance, suitable for wall mounting.

Adjusting the Lights and Solar Panel

The light heads and solar panel can be independently adjusted to optimize light direction and solar charging efficiency.



Image: Panels and bulb heads adjust independently to maximize sun exposure and energy absorption, allowing for multidirectional lighting.

Operating Instructions

The Bionic Spotlight Duo operates automatically based on ambient light and motion detection.

Automatic Operation

Once installed and charged, the spotlight will automatically turn on at dusk and turn off at dawn. The motion sensor will activate the bright LED lights when movement is detected within its 25-foot range. The lights will remain on for approximately 30 seconds after motion ceases.



Image: The Bionic Spotlight Duo provides super bright illumination for outdoor areas.

Power Button

A power button is located on the unit to manually turn the device on or off. Ensure the unit is in the 'on' position for automatic operation.

Maintenance

To ensure the longevity and optimal performance of your Bionic Spotlight Duo, follow these maintenance guidelines:

- **Clean Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris that may accumulate and reduce charging efficiency.
- **Clear Obstructions:** Ensure no objects (e.g., leaves, snow, new growth) are blocking the solar panel or the motion sensor.
- **Winter Care:** While weather-resistant, in areas with severe winter conditions (heavy snow, extreme cold), it is recommended to remove the unit and store it indoors to prevent potential damage and prolong battery life.

Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar charge.	Ensure the solar panel receives 6-8 hours of direct sunlight daily. Relocate if necessary.
	Unit is turned off.	Press the power button to turn the unit on.
	Ambient light interference.	Ensure the installation location is dark at night. Nearby streetlights or other artificial lights can prevent activation.
Motion sensor is not detecting movement.	Sensor obstructed or dirty.	Clean the sensor lens and ensure no objects are blocking its view.
	Movement outside detection range.	Ensure movement occurs within 25 feet of the sensor. Adjust light head angles if needed.
Light stays on constantly.	Continuous motion detected.	Check for persistent movement (e.g., swaying branches, small animals) within the sensor's range.

Specifications

Attribute	Detail
Brand	Bell+Howell
Model Name	Bionic Spotlight Duo
Item Model Number	9348
Color	Black
Material	Acrylonitrile Butadiene Styrene
Light Source Type	LED

Attribute	Detail
Number of Light Sources	2 (with 14 LEDs total)
Lumen Output	500 Lumens
Power Source	Solar Powered
Special Feature	Motion Sensor
Motion Detection Range	Up to 25 feet
Auto-Off Time	30 seconds after motion ceases
Water Resistance Level	Waterproof
Item Weight	1.05 pounds (approx. 476 grams)
Unit Count	2.0 Count (for 2-pack)
UPC	080313093487

Warranty and Support

This product typically comes with a standard return policy. For specific warranty details or technical support, please refer to the product packaging or contact Bell+Howell customer service directly. Information regarding protection plans may be available from your retailer at the time of purchase.

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