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Bell+Howell 8208

Bell+Howell Bionic Burst Solar Path Lights User Manual

Model: 8208

Introduction

Thank you for choosing the Bell+Howell Bionic Burst Solar Path Lights. These outdoor lights are designed to provide efficient and versatile illumination for your garden, patio, walkways, and other outdoor areas. Featuring solar-powered operation, multiple color modes, and durable construction, they offer a convenient lighting solution without the need for complex wiring.

Safety Information

- Ensure the solar panel is exposed to direct sunlight for optimal charging.
- Do not attempt to disassemble or modify the product.
- Keep away from open flames or extreme heat sources.
- Dispose of the product and its components responsibly according to local regulations.
- While the product is waterproof (IP67 rated), avoid submerging it in water for extended periods.

Package Contents

Verify that all components are present in your package:

- Bell+Howell Bionic Burst Solar Lights (2 units)
- Ground Stakes (2 units)
- Screws and Wall Brackets (for wall mounting option)



Image: The product packaging alongside two Bell+Howell Bionic Burst Solar Lights, illustrating the contents of the 2-pack.

Setup and Installation

The Bionic Burst Solar Lights offer two installation methods: ground staking or wall mounting.

Initial Charging

Before first use, ensure the solar lights are placed in direct sunlight for at least 8 hours to allow the internal battery to fully charge. The lights will automatically turn on at dusk and off at dawn.

Ground Installation

1. Attach the ground stake firmly to the bottom of the light unit.
2. Select a location in your yard or garden that receives ample direct sunlight throughout the day.
3. Gently push the assembled light and stake into the soil until it is stable.
4. Adjust the solar panel and light head to the desired angle for optimal sun exposure and light direction. The solar panels are 180 degrees adjustable, and the light head is 90 degrees adjustable.



Image: Two Bionic Burst solar lights installed in the ground, ready for use.

Wall Mounting

1. Choose a suitable wall or vertical surface that receives direct sunlight.
2. Use the included screws and wall brackets to securely attach the light unit to the surface.
3. Adjust the solar panel and light head to ensure maximum sun exposure and desired light coverage.



Image: A person demonstrating the adjustable head of the solar light and its potential for wall mounting.

Operating Instructions

The Bionic Burst Solar Lights feature automatic operation and multiple color modes.

Automatic On/Off Function

The lights are equipped with a built-in sensor that detects ambient light. They will automatically turn on at night and turn off at dawn, conserving energy.

Color Changing Modes

To change the light color or mode, locate the control button on the unit:

- **Short Press:** A short press of the button will cycle through three fixed colors: Ocean Blue, Majestic Purple, and Cool White.
- **Long Press (2 seconds):** A long press (hold for 2 seconds) will activate the Color Cycling Mode, where the light transitions smoothly between colors.



Image: Solar lights displaying different color modes (purple, blue, white) in a garden setting, highlighting the auto on/off feature.

Battery Life

On a full charge, the lights can operate for:

- Up to 10 hours in fixed color mode.
- Up to 4 hours at high brightness or 10 hours at low brightness in color cycling mode.

Maintenance

To ensure the longevity and optimal performance of your solar lights, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean solar panel ensures efficient charging.
- **Placement:** Periodically check that the lights are still in a location receiving adequate direct sunlight. Trim any overhanging branches or foliage that may obstruct sunlight.
- **Weather Resistance:** The lights are IP67 waterproof and designed for all-season durability, including snow and ice.

However, extreme weather conditions may temporarily affect performance.



Image: A Bionic Burst solar light shown operating during rainfall, indicating its water-resistant design.

Troubleshooting

If your Bell+Howell Bionic Burst Solar Lights are not functioning as expected, consider the following:

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar charge.	Ensure the solar panel is in direct sunlight for at least 8 hours. Clean the solar panel.
Light duration is shorter than expected.	Partial charge, cloudy weather, or light sensor interference.	Relocate the light to a sunnier spot. Ensure no other light sources (streetlights, house lights) are activating the sensor prematurely.
Color changing function not working.	Button not pressed correctly or unit needs reset.	Ensure you are performing a short press for fixed colors or a 2-second long press for color cycling mode. Allow the unit to fully discharge and recharge.
Water inside the unit.	Extreme weather conditions or manufacturing defect.	While rated IP67, prolonged exposure to heavy rain or submersion can be an issue. If persistent, contact customer support.

Specifications

Feature	Detail
Brand	Bell+Howell
Model Number	8208
Light Source	15 LED Bulbs
Brightness	44 Lumens
Coverage Area	Up to 320 sq ft (per light)
Color Options	Ocean Blue, Majestic Purple, Cool White, Color Cycling Mode
Power Source	Solar Powered
Material	Acrylonitrile Butadiene Styrene, Plastic
Water Resistance	IP67 Waterproof
Product Dimensions	4.25"L x 2.6"W x 5.51"H

Feature	Detail
Item Weight	1.59 pounds (for 2-pack)
Solar Panel Adjustability	180 degrees
Light Head Adjustability	90 degrees



Image: An example of the Bionic Burst lights illuminating a house, showcasing their brightness and coverage.

Warranty Information

Specific warranty details for the Bell+Howell Bionic Burst Solar Path Lights are not provided in this manual. Please refer to the product packaging or the manufacturer's official website for the most current warranty information. Keep your purchase receipt as proof of purchase for any warranty claims.

Support

For technical assistance, troubleshooting beyond this guide, or general inquiries, please contact Bell+Howell customer support. Contact information can typically be found on the product packaging or the official Bell+Howell website.

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