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> Brightech Ambience Pro Super Bright Solar String Lights - Instruction Manual

Brightech SLR4W-27NH-SW

Brightech Ambience Pro Super Bright Solar Outdoor String Lights

Model: SLR4W-27NH-SW

INTRODUCTION

Thank you for choosing Brightech Ambience Pro Super Bright Solar Outdoor String Lights. These commercial-grade LED string lights are designed to enhance your outdoor spaces with a warm, inviting glow, powered entirely by solar energy. Featuring durable, shatterproof S14 bulbs and WeatherTite technology, they are built to withstand various weather conditions, providing reliable illumination year-round. This manual will guide you through the setup, operation, and maintenance of your new string lights.

WHAT'S IN THE BOX

- 1 x 27-foot String Light with 12 Shatterproof S14 LED Bulbs
- 1 x 4W Solar Panel
- 1 x Ground Stake for Solar Panel
- 1 x Clip for Solar Panel Mounting
- 1 x Remote Control



Image: Contents of the Brightech Ambience Pro Super Bright Solar String Lights package, showing the string lights, solar panel, and remote control.

SPECIFICATIONS

Model Number	SLR4W-27NH-SW
String Length	27 Feet (18.5 ft light length)
Number of Bulbs	12 S14 LED Bulbs (0.5W each)
Solar Panel Wattage	4 Watts
Battery Capacity	4000 mAh (2 Lithium Ion batteries included)
Light Color	Soft White (3000K)

Operating Time	6-10 hours (depending on settings and charge)
Durability	Shatterproof Plastic Bulbs, Windproof (up to 50MPH), Waterproof (IP55), Temperature Resistant (-4°F to 122°F)
Control Method	Remote Control, Automatic Dusk-to-Dawn Sensor

SETUP AND INSTALLATION

Proper placement of the solar panel is crucial for optimal performance. Ensure the solar panel receives direct sunlight for at least 6-8 hours daily to fully charge the internal batteries.

- 1. Unpack Components:** Carefully remove all items from the packaging.
- 2. Solar Panel Placement:**
 - **Ground Stake:** Attach the ground stake to the solar panel and firmly insert it into the ground in a location that receives maximum direct sunlight throughout the day.
 - **Mounting Clip:** Alternatively, use the included clip to attach the solar panel to a fence, railing, or other suitable surface that allows for direct sunlight exposure.

Quick and Easy Installation

Clip, Stake & Screws Included



Image: The solar panel showing options for ground staking or clipping onto a surface for optimal sun exposure.

3. String Light Installation:

- Hang the string lights along your desired path, such as a patio, pergola, fence, or balcony. Each bulb socket features a built-in hook for easy hanging using nails, hooks, or a guide wire (not included).
- Ensure the string is securely fastened to prevent sagging or damage from wind.

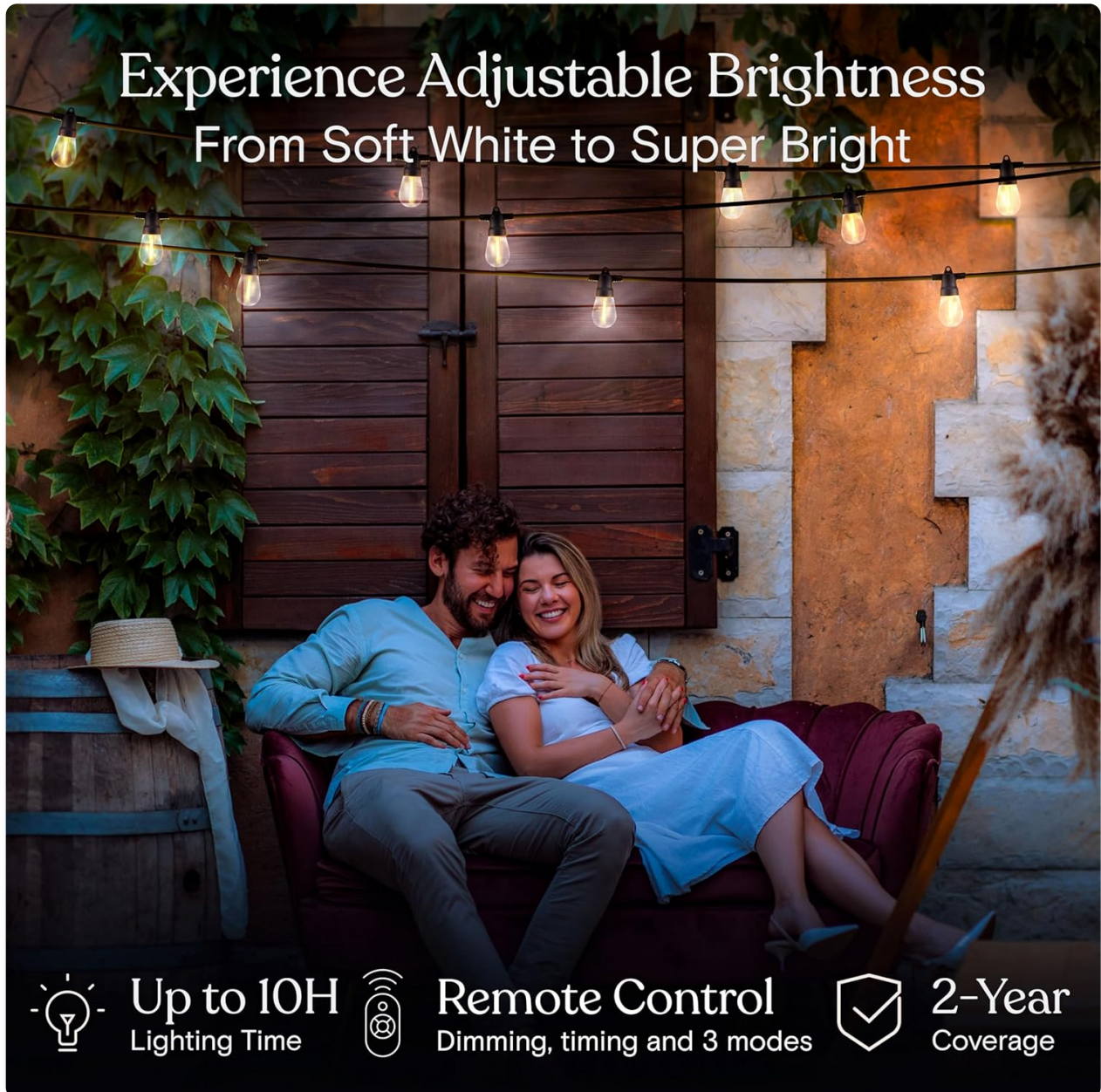


Image: A person demonstrating how to hang the string lights using the integrated hooks on each bulb socket.

4. **Connect Solar Panel:** Plug the cable from the string lights into the solar panel. Ensure a secure connection.
5. **Activate:** Locate the ON/OFF switch on the back of the solar panel and switch it to the "ON" position. The lights will automatically turn on at dusk and off at dawn, provided the solar panel has received sufficient charge.

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Video: Demonstration of the solar panel's clamp feature and the on/off switch, highlighting its ease of use for deck installations.

OPERATING INSTRUCTIONS

Your Brightech Ambience Pro lights come with a remote control for convenient operation and customization.

- **Automatic Operation:** Once the solar panel is switched to "ON", the lights will automatically illuminate at dusk

and turn off at dawn.

• **Remote Control Functions:**

- **Power Button:** Turn the lights ON or OFF manually.
- **Brightness Settings:** Cycle through three brightness levels (Soft, Bright, Super Bright) to set your preferred ambiance.
- **Timer Functions:** Set the lights to turn off automatically after a set period (e.g., 2H, 4H, 8H).
- **Lighting Modes:** Choose between Constant, Fade, or Flash modes for different effects.

Plug-Free Solar Lighting for Any Location

Up to 10 Hours of Illumination



Brightness Adjustment
From Soft to Super Bright



Lighting Mode
Constant, Fade, Flash



Image: The remote control displaying options for brightness adjustment (Soft, Bright, Super Bright) and various lighting modes.

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Video: A user demonstrating the appearance of the Brightech solar string lights at night, showcasing their warm glow and overall ambiance.

MAINTENANCE

To ensure the longevity and optimal performance of your Brightech Ambience Pro string lights, follow these simple maintenance tips:

- **Clean Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris that may accumulate and hinder charging efficiency.
- **Inspect Bulbs and Wiring:** Periodically check the shatterproof bulbs and wiring for any signs of damage. Although designed for durability, extreme conditions or accidental impacts can occur.
- **Battery Replacement:** The included Lithium Ion batteries have a lifespan of approximately 2.5 years. If you notice a significant decrease in operating time, the batteries may need to be replaced. Refer to the product specifications for battery type.
- **Seasonal Storage:** If storing the lights for an extended period, ensure the solar panel is fully charged before storage. Store in a cool, dry place.



WEATHERTITE
TECHNOLOGY

 **SHATTERPROOF**
Plastic Bulbs

 **WINDPROOF**
50MPH

 **WATERPROOF**
IP55

 **TEMPERATURE RESISTANCE**
-4°F TO 122°F


Intertek

Image: Close-up of a Brightech string light bulb, illustrating its WeatherTite technology and durability against snow and cold temperatures.

TROUBLESHOOTING

If you encounter any issues with your Brightech Ambience Pro string lights, try the following troubleshooting steps:

Problem	Possible Cause & Solution
Lights do not turn on at dusk.	<ul style="list-style-type: none"> ◦ Solar panel is not receiving enough direct sunlight. Relocate the panel to an area with 6-8 hours of direct sun. ◦ ON/OFF switch on the solar panel is in the "OFF" position. Switch it to "ON". ◦ Batteries are not fully charged. Allow 1-2 full days of charging in direct sunlight. ◦ Light sensor is obstructed. Ensure the solar panel's light sensor is clean and not covered.
Lights are dim or only stay on for a short period.	<ul style="list-style-type: none"> ◦ Insufficient solar charge. Ensure the panel gets adequate direct sunlight. ◦ Batteries are old or failing. Consider replacing the Lithium Ion batteries. ◦ Brightness setting is too high. Use the remote to select a lower brightness level.
Remote control is not working.	<ul style="list-style-type: none"> ◦ Remote battery is dead. Replace the battery in the remote control. ◦ Obstruction between remote and solar panel. Ensure a clear line of sight. ◦ Solar panel is not receiving enough direct sunlight. Relocate the panel to an area with 6-8 hours of direct sun.
Some bulbs are not lighting up.	<ul style="list-style-type: none"> ◦ Loose connection. Check that all bulbs are securely screwed into their sockets. ◦ Damaged bulb. While shatterproof, extreme force can damage them. Individual bulbs are not typically replaceable in string light sets; contact support if multiple bulbs are out.

WARRANTY AND SUPPORT

Brightech stands behind the quality of its products. Your Ambience Pro Super Bright Solar String Lights come with an industry-leading **2-year limited warranty** on all purchases from Brightech USA. This warranty covers any defects, malfunctions, or sudden failures of your string lights.

If you experience any issues or require assistance, please do not hesitate to reach out to Brightech's customer support team. For more information or to contact support, visit the official Brightech website or refer to the contact information provided with your product packaging.

For additional resources and product information, you can visit the [Brightech Store on Amazon](#).