APONUO TBD60

APONUO Solar Spot Lights User Manual

Model: TBD60

1. Introduction

Thank you for choosing APONUO Solar Spot Lights. These outdoor solar spotlights are designed to provide efficient and reliable illumination for your yard, garden, pathways, and other outdoor spaces. Featuring advanced solar technology, multiple lighting modes, and durable waterproof construction, these lights offer a sustainable and convenient lighting solution.

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your APONUO Solar Spot Lights. Please read it carefully before use to ensure optimal performance and longevity of the product.



Image 1.1: APONUO Solar Spot Lights (8-pack) with ground stakes.

2. Package Contents

Please verify that all components are present in your package:

- APONUO Solar Spot Lights (Quantity: 8)
- Ground Stakes (Quantity: 8)
- Mounting Hardware (Screws and Wall Plugs for wall installation)
- User Manual



Image 2.1: Components for ground stake and wall mount installation.

3. Setup and Installation

Your APONUO Solar Spot Lights offer two installation methods: ground stake and wall mount. Choose the method that best suits your lighting needs.

3.1 Important Considerations Before Installation

- **Location:** Ensure the solar panel receives 6-8 hours of direct sunlight daily for optimal charging. Avoid placing lights under trees, eaves, or other shaded areas.
- **Initial Charge:** For best performance, allow the lights to charge for at least 6-8 hours in direct sunlight before first use.
- **Activation:** The lights typically have an ON/OFF button. Ensure it is in the 'ON' position for automatic operation.

3.2 Ground Stake Installation

1. Attach the ground stake to the bottom of the light fixture.
2. Select a location with ample direct sunlight.
3. Gently push the assembled light into the ground. Ensure the stake is firmly planted to prevent tipping.
4. Adjust the angle of the solar panel to face the sun for maximum exposure. The light head can also be adjusted to direct illumination.

3.3 Wall Mount Installation

1. Identify a suitable wall or vertical surface that receives direct sunlight.
2. Mark the positions for drilling using the mounting bracket as a template.
3. Drill holes and insert the wall plugs.
4. Secure the mounting bracket to the wall with the provided screws.
5. Attach the light fixture to the mounted bracket.
6. Adjust the solar panel and light head to the desired angles.



Image 3.1: Adjustable solar panel and light head for optimal positioning.

4. Operating Instructions

Your APONUO Solar Spot Lights are designed for automatic operation, charging during the day and illuminating at night.

4.1 Automatic Operation (Dusk to Dawn)

- The integrated light sensor automatically detects ambient light levels.
- During the day, the solar panel converts sunlight into electricity and stores it in the internal battery.
- At dusk, when light levels drop, the lights will automatically turn on.
- At dawn, when light levels rise, the lights will automatically turn off and begin recharging.



Image 4.1: Automatic charging during the day and illumination at night.

4.2 Brightness Modes

The lights feature 3 brightness modes, allowing you to customize the illumination intensity and duration. Press the ON/OFF/MODE button located on the light fixture to cycle through the modes:

- **Mode 1 (High Brightness):** Provides maximum illumination for approximately 8 hours.
- **Mode 2 (Medium Brightness):** Offers balanced illumination for approximately 10 hours.
- **Mode 3 (Low Brightness):** Extends illumination time up to 20 hours with reduced brightness.



Image 4.2: Three selectable brightness modes and their approximate working durations.

5. Maintenance

Regular maintenance ensures the optimal performance and extends the lifespan of your solar spot lights.

- **Clean 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 charging efficiency.
- **Clear Obstructions:** Ensure no new obstructions (e.g., growing plants, new structures) are blocking direct sunlight to the solar panel.
- **Check Connections:** Occasionally check that all connections are secure, especially if the lights are moved or exposed to strong winds.
- **Winter Care:** In areas with heavy snow, clear snow from the solar panel to allow charging. While IP67 waterproof, extreme prolonged submersion should be avoided.

6. Troubleshooting

If your APONUO Solar Spot Lights are not functioning as expected, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	1. ON/OFF button is in 'OFF' position. 2. Insufficient sunlight for charging. 3. Solar panel is dirty or obstructed. 4. Battery charge is too low.	1. Ensure the button is set to 'ON'. 2. Relocate the light to an area with 6-8 hours of direct sunlight. 3. Clean the solar panel surface. 4. Allow the light to charge for 1-2 full sunny days.
Light duration is shorter than expected.	1. Insufficient charging due to cloudy weather or shade. 2. Light mode set to high brightness. 3. Battery capacity degradation over time.	1. Ensure optimal solar panel exposure. Allow more charging time. 2. Switch to a lower brightness mode for longer duration. 3. If battery is old, consider replacing it if possible (contact support).
Light flickers or is dim.	1. Low battery charge. 2. Loose connection.	1. Allow the light to charge for a full day in direct sunlight. 2. Check all physical connections and ensure they are secure.

7. Product Specifications

Feature	Specification
Brand	APONUO
Model Number	TBD60
Color	Warm White
Material	Plastic (Acrylonitrile Butadiene Styrene)
Light Source Type	LED (23 LEDs)
Brightness	400 Lumen
Color Temperature	3000 Kelvin
Power Source	Solar Powered
Voltage	5.5 Volts

Feature	Specification
Wattage	2 watts
Water Resistance Level	IP67 Waterproof
Operating Temperature	-4℉ to 140℉ (-20℃ to 60℃)
Solar Energy Conversion Rate	Up to 30%
Product Dimensions	3.03"L x 2.83"W x 12.59"H
Item Weight	3.85 pounds (for 8-pack)
Installation Type	Ground Stake / Wall Mount
Special Features	Adjustable Solar Panel, 3 Brightness Modes

8. Warranty and Support

APONUO provides a 1-year after-sale technical support for your solar spot lights. We are committed to ensuring your satisfaction with our products.

8.1 Warranty Information

This product comes with an extended warranty type. For specific details regarding warranty coverage and claims, please refer to your purchase documentation or contact APONUO customer service.

8.2 Customer Support

If you have any questions, concerns, or require technical assistance during the use of your APONUO Solar Spot Lights, please do not hesitate to contact our dedicated support team. We are here to help you.

- **Contact Method:** Please refer to the contact information provided on the product packaging or the official APONUO store page on Amazon (Visit the APONUO Store).

© 2024 APONUO. All rights reserved.
For more information, visit APONUO Store

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question