

Aigostar B0F3X6H8TY

Aigostar Solar LED Floodlight RGBW 50W (2-Pack) Instruction Manual

Model: B0F3X6H8TY

PRODUCT OVERVIEW

The Aigostar Solar LED Floodlight RGBW 50W is designed for outdoor illumination, offering versatile lighting options with solar power efficiency. This product includes two 50W floodlights, each equipped with a solar panel and remote control.

- **High-Efficiency Solar Power:** Each 50W floodlight features a 4000 mAh solar battery, providing up to 12 hours of stable illumination after 4-6 hours of direct sunlight charging.
- **Multifunctional RGBW Lighting:** Supports 15 dazzling RGB colors and 6500K cool white light. Brightness is adjustable, and there are 3 integrated rhythmic modes suitable for various occasions.
- **Dual Control Modes:** Control the floodlight using the included remote control or the integrated button on the unit for quick adjustments to color, mode, and brightness.
- **Durable and Weatherproof:** Constructed from high-performance ABS material, resistant to heat, corrosion, and impacts. With an IP66 waterproof and dustproof rating, it withstands rain, snow, and other adverse weather conditions for long-term outdoor use.
- **Easy Installation:** Compact design (L15.3*W14.1*H3.8cm) with a 4-meter cable for flexible placement. The 90° beam angle is ideal for illuminating gardens, patios, terraces, garages, and walls.



Image: Two Aigostar Solar LED Floodlights, two solar panels, and two remote controls, illustrating the complete product package.

SETUP INSTRUCTIONS

1. Unpacking and Initial Charge

1. Carefully remove all components from the packaging. Verify that all parts are present: 2x LED floodlights, 2x solar panels, 2x remote controls, and mounting hardware.
2. Before first use, ensure the solar panel is exposed to direct sunlight for a full 24 hours to achieve an optimal initial charge.

2. Choosing a Location

Select a location for the solar panel that receives maximum direct sunlight throughout the day, free from obstructions like trees or buildings. The floodlight can be positioned up to 4 meters away from the solar panel due to the cable length.

3. Mounting the Solar Panel and Floodlight

The floodlight and solar panel can be mounted in various ways:

- **Wall Mount:** Secure the brackets to a wall using appropriate screws and anchors.
- **Pedestal Mount:** Attach the unit to a pole or similar structure.
- **Ceiling Mount:** Install the floodlight on an overhead surface.



Image: Visual representation of different mounting options for the floodlight, including wall, pedestal, and ceiling installations.

4. Connecting the Components

1. Connect the cable from the solar panel to the floodlight. Ensure the wiring is correct and align the arrows on the interface connectors before pushing them firmly together.
2. Once connected, the system is ready for operation after sufficient charging.



Image: Illustration detailing the solar charging process, the connection point between the solar panel and the floodlight, and the dimensions of the floodlight and solar panel.

OPERATING INSTRUCTIONS

1. Remote Control Functions

The included remote control provides comprehensive control over the floodlight's functions:

- **ON/OFF:** Power the light on or off.
- **AUTO Mode:** Activates automatic brightness adjustment based on ambient light, designed to provide up to 12 hours of illumination.
- **RGB Buttons (R, G, B):** Select Red, Green, or Blue primary colors.
- **W Button:** Activates 6500K cool white light.
- **Color Selection Buttons:** Choose from 12 static colors.
- **Brightness Adjustment (+/-):** Increase or decrease light intensity in static color modes.
- **Dynamic Modes (FLASH, STROBE, FADE, SMOOTH):** Select various flashing, strobing, fading, or smooth transition effects across 7 colors.
- **Speed Adjustment (+/-):** Adjust the speed of dynamic modes.



Image: Detailed view of the remote control, highlighting buttons for power, auto mode, RGB, white light, brightness, and various color and dynamic effect selections.

2. Manual Button Control

A button located on the rear of the floodlight provides basic control without the remote:

- **Short Press:** Cycles through available colors.
- **Long Press:** Toggles the floodlight on or off.



Image: Close-up of the floodlight's rear, showing the control button and its functions for short and long presses.

3. Solar Charging

The solar panel charges the internal battery during daylight hours. For optimal performance, ensure the panel is clean and receives unobstructed direct sunlight for 4-6 hours daily. This will provide up to 12 hours of illumination after dusk.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Aigostar Solar LED Floodlight.

- **Clean Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures efficient charging.
- **Inspect Connections:** Occasionally check the cable connections between the solar panel and the floodlight to ensure they are secure and free from damage.
- **Environmental Durability:** The IP66 rating indicates high resistance to water and dust. However, avoid submerging the unit in water or exposing it to extreme physical impact.

IP66 Waterproof, -10°C ~ 50°C

Suitable for Indoor and Outdoor use





Image: Visual representation of the floodlight's IP66 waterproof rating and its resistance to various temperatures, suitable for diverse outdoor conditions.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar charge; ON/OFF switch is off; faulty connection.	Ensure solar panel receives 4-6 hours of direct sunlight daily. Verify the light is switched ON via remote or rear button. Check cable connections. Remember the first charge takes 24 hours.
Light duration is shorter than expected (e.g., less than 12 hours).	Inadequate solar charging; high brightness setting; battery degradation.	Relocate solar panel for better sun exposure. Reduce brightness setting. Ensure solar panel is clean. If the issue persists after extended use, the battery may be nearing its end of life.

Problem	Possible Cause	Solution
Remote control is not working.	Remote battery depleted; obstruction between remote and light; remote not paired (unlikely for this model).	Replace remote control batteries. Ensure clear line of sight to the floodlight's sensor. Try controlling the light using the rear button.
Light is dim or flickering.	Low battery charge; dirty solar panel; internal fault.	Allow for a full day of charging. Clean the solar panel. If the problem persists, contact customer support.

PRODUCT SPECIFICATIONS

Feature	Specification
Brand	Aigostar
Model Number	B0F3X6H8TY
Product Dimensions	23.2 x 16.5 x 23.7 cm
Material	ABS
Power Source	Solar Powered
Wattage	50 watts
Luminous Flux	5000 lumens
Color Temperature	6500K (Cool White) + RGB
Battery Capacity	4000 mAh
Solar Charging Time	4-6 hours (direct sunlight)
Lighting Duration	Up to 12 hours
Waterproof Rating	IP66
Beam Angle	90°
Control Method	Remote Control, Integrated Button
Included Components	Remote Control
Recommended Applications	Garden, Patio, Terrace, Garage, Walls
Lifespan	Up to 30,000 hours

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or contact Aigostar directly through their official website or the retailer where the product was purchased. Keep your proof of purchase for warranty claims.

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