Phieshio M2110

Phieshio M2110 Solar Lanterns Outdoor Waterproof Instruction Manual

Model: M2110

1. Product Overview

The Phieshio M2110 Solar Lanterns are designed for outdoor use, providing ambient lighting and decorative patterns. These lanterns are solar-powered, waterproof, and feature an automatic on/off function.

Image 1.1: Phieshio Solar Lanterns displaying their decorative light patterns on outdoor steps.

Key Features:

- **Enhanced Solar Panels & Brighter LED Lights:** Equipped with larger solar panels for higher conversion rates and brighter LED lights for clearer projection patterns.
- **Smart Automatic Operation:** Automatically turns on at dusk and off at dawn, powered by an 800mAh battery providing 8-10 hours of light.
- **Decorative Design:** Features a hollowed-out pattern that projects unique designs, with a golden interior for a warm light effect.
- **Durable & Waterproof:** Constructed from high-quality, rust-proof metal with an IP44 waterproof rating, suitable for various weather conditions.

Image 1.2: Key features of the Phieshio Solar Lantern, including solar power, automatic operation, IP44 waterproofing, and extended illumination.

2. Setup Instructions

Follow these steps to set up your Phieshio Solar Lanterns for optimal performance.

1. **Unpack:** Carefully remove the lanterns from their packaging.
2. **Remove Protective Film:** Locate the solar panel on top of the lantern. Gently peel off any protective film covering the solar panel.
3. **Activate Switch:** On the underside of the solar panel unit, you will find an ON/OFF switch. Slide the switch to the 'ON' position. The lantern will not charge or light up if the switch is in the 'OFF' position.
4. **Initial Charge:** Place the lanterns in a location where the solar panel receives at least 6-8 hours of direct sunlight daily. For the first use, allow the lanterns to charge for a full day in direct sunlight to ensure the battery is fully charged.
5. **Placement:** Position the lanterns in your desired outdoor area, such as a patio, garden, yard, pathway, lawn, or porch. They can be placed on a tabletop or hung using their integrated handle.

Image 2.1: Detailed view of the lantern's components, including the solar panel, ON/OFF switch, and dimensions (9.6 inches height, 4.3 inches width).

3. Operating Instructions

The Phieshio Solar Lanterns are designed for simple, automatic operation.

- **Automatic On/Off:** Once the switch is set to 'ON' and the lanterns have received sufficient sunlight, they will automatically illuminate at dusk and turn off at dawn.
- **Charging:** During daylight hours, the integrated solar panel will convert sunlight into electricity and store it in the internal rechargeable battery. Ensure the solar panel is clean and unobstructed for efficient charging.
- **Illumination Duration:** A full charge typically provides 8-10 hours of continuous light. The actual duration may vary based on sunlight intensity and charging time.

Image 3.1: Illustration of the lantern's automatic charging during the day and lighting at night.

4. Maintenance

Regular maintenance ensures the longevity and optimal performance of your solar lanterns.

- **Cleaning the Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean solar panel ensures maximum sunlight absorption and charging efficiency.
- **Battery Care:** The lanterns use an 800mAh rechargeable battery. While designed for durability, extreme temperatures can affect battery life. If the lantern's performance significantly decreases over time, the battery may need replacement. (Specific battery replacement instructions are not provided in the product data.)
- **Exterior Cleaning:** The metal exterior is rust-proof. Clean the lantern body with a soft, dry cloth as needed to maintain its appearance. Avoid abrasive cleaners.
- **Weather Resistance:** The IP44 waterproof rating protects against splashing water from any direction. While durable, avoid submerging the lanterns in water.

Image 4.1: The Phieshio Solar Lantern is designed to withstand outdoor elements, including rain.

5. Troubleshooting

If your Phieshio Solar Lanterns are not functioning as expected, consider the following common issues and solutions:

- **Lantern Does Not Light Up at Night:**
  - Ensure the ON/OFF switch is in the 'ON' position.
  - Verify the solar panel is clean and free from dirt or debris.
  - Confirm the lantern receives adequate direct sunlight (6-8 hours) during the day. Shaded areas will reduce charging efficiency.
  - Check for any external light sources (e.g., streetlights, porch lights) that might be activating the light sensor, preventing the lantern from turning on.
- **Light Duration is Shorter Than Expected:**
  - The solar panel may not be receiving enough direct sunlight for a full charge. Relocate the lantern to a sunnier spot.
  - Cloudy or rainy weather can significantly reduce charging efficiency, leading to shorter illumination times.
  - Ensure the solar panel is clean.
- **Lantern Appears Dim:**
  - This could be due to insufficient charging. Follow the steps for 'Light Duration is Shorter Than Expected'.
  - The battery may be nearing the end of its lifespan.

6. Specifications

Attribute	Detail
Brand	Phieshio
Model Number	M2110
Product Dimensions	4.3"L x 4.3"W x 9.6"H

Item Weight	1.14 pounds (0.52 Kilograms)
Material	Iron
Color	Black
Power Source	Solar Powered
Light Source Type	Light Emitting Diode (LED)
Battery Type	1.25V AA 800mAh Rechargeable (Solar)
Battery Life	8-10 Hours (on full charge)
Water Resistance Level	IP44 Waterproof
Mounting Type	Tabletop Mount / Hanging
Style	Retro, Hollow Cylinder
Included Components	Light kit included

7. Warranty and Support

Information regarding product warranty and customer support is not available in the provided product data. Please refer to the product packaging or the seller's website for details on warranty coverage and how to contact customer support for assistance.