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DenicMic Y-L-06-02

DenicMic Solar Deck Lights Instruction Manual

Model: Y-L-06-02 | Brand: DenicMic

INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your DenicMic Solar Deck Lights. Please read this manual thoroughly before use to ensure proper function and longevity of your product.

SAFETY INFORMATION

- Ensure the solar panel is exposed to direct sunlight for optimal charging.
- Do not install the lights under streetlights or other strong light sources, as this may prevent them from turning on automatically.
- Keep the solar panel clean from dust, dirt, and debris to maintain charging efficiency.
- The product is waterproof (IP65), but avoid submerging it in water.
- Handle with care to prevent damage to the acrylic and internal components.

PACKAGE CONTENTS

Each package of DenicMic Solar Deck Lights includes the following:

- Solar Deck Lights (6 units for a 6-pack)
- Screw Package (for installation)
- AA batteries (pre-installed)



Image: A view of six DenicMic Solar Deck Lights, illustrating the quantity included in a standard pack.

PRODUCT FEATURES

- **Crystal Clear Amber Design:** Features acrylic bubbles that reflect light, creating a vivid pattern.

- **Dual Lighting Modes:** Offers both warm white and color-changing lighting options. Warm white is suitable for daily use, while color-changing is ideal for festive occasions.
- **High Efficiency Solar Panel:** Equipped with an amorphous silicon solar panel and a 600 mAh AA Ni Cd Battery for efficient charging.
- **Long Working Time:** Provides approximately 8-9 hours of illumination after a full charge.
- **Waterproof (IP65):** Designed to withstand rain, snow, frost, and sleet, suitable for various outdoor environments.
- **Easy Installation:** Features two screw holes for fixed installation or can be placed on any flat surface. No wiring required.



Image: The DenicMic Solar Deck Lights displaying both their warm white and multi-color changing illumination modes.

SETUP

1. Initial Charging

Before first use, ensure the solar lights are exposed to direct sunlight for 4-5 hours to fully charge the internal battery. This initial charge is crucial for optimal performance.

2. Installation

The DenicMic Solar Deck Lights offer flexible installation options:

1. **Fixed Installation:** Use the two pre-drilled screw holes on the back of the light to securely attach it to a deck, fence, wall, or step. Ensure the solar panel faces upwards to receive maximum sunlight.
2. **Surface Placement:** For temporary or non-permanent setups, the lights can be placed directly on any flat surface, such as a deck railing or patio edge.



Image: Illustration of two installation methods: hanging the light at a 180-degree angle on a vertical surface, and placing it at a 90-degree angle on a horizontal surface.

3. Mode Selection

Each light features a switch to select between Warm White and Color Changing modes. This switch is typically located inside the unit, requiring the light to be detached from its bracket or opened to access. Select your desired lighting mode before final installation.



Image: Solar deck lights installed on wooden steps, showcasing both warm white and continuous color-changing illumination.

OPERATING INSTRUCTIONS

The DenicMic Solar Deck Lights are designed for automatic operation. Once installed and charged, they will:

- Automatically turn on at dusk.
- Automatically turn off at dawn or when the battery is depleted.
- Provide illumination for approximately 8-9 hours on a full charge.



Image: Examples of DenicMic Solar Deck Lights installed on a railing, illuminating steps, and along a fence line.



Image: DenicMic Solar Deck Lights providing ambient lighting on a deck railing and around a pool, showcasing their versatility.

MAINTENANCE

- **Solar Panel Cleaning:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, and debris. A clean panel ensures maximum sunlight absorption and charging efficiency.
- **Battery Replacement:** The lights use 1.2V 600mAh AA Ni Cd rechargeable batteries. If the light's performance diminishes significantly over time, the battery may need replacement. Refer to the product's internal design for battery access.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Light does not turn on at night.	<ul style="list-style-type: none"> Insufficient sunlight exposure during the day. Solar panel is dirty. Light is installed near another light source (e.g., streetlight). Battery is depleted or faulty. 	<ul style="list-style-type: none"> Relocate the light to an area with direct sunlight for 6-8 hours. Clean the solar panel surface. Move the light away from other light sources. Replace the battery if it's old or not holding a charge.
Light is dim or only stays on for a short period.	<ul style="list-style-type: none"> Partial charging due to cloudy weather or shade. Battery capacity has degraded over time. 	<ul style="list-style-type: none"> Ensure maximum direct sunlight exposure. Consider replacing the battery.
Light mode cannot be changed.	<ul style="list-style-type: none"> Switch is not accessible or stuck. 	<ul style="list-style-type: none"> Carefully detach the light from its mounting to access the internal mode switch.

SPECIFICATIONS

Feature	Detail
Brand	DenicMic
Model Name	Deck01 (Y-L-06-02)
Color	Black
Material	Acrylonitrile Butadiene Styrene, Acrylic
Product Dimensions (L x W x H)	3.51" x 2.36" x 2.88"
Item Weight	2.14 pounds (for 6-pack)
Power Source	Solar Powered
Light Source Type	LED
Light Color	Warm White / Color Changing
Brightness	10 Lumen (each lamp)
Battery Type	1.2V 600mAh AA Ni Cd (included)
Charging Time	4-5 hours (direct sunlight)
Working Time	8-9 hours (fully charged)
Water Resistance Level	IP65 Waterproof
Installation Type	Wall mount / Surface placement



Image: Detailed specifications and dimensions of the DenicMic Solar Deck Light, including lumen output, color temperature, battery capacity, and working time.

WARRANTY & SUPPORT

For any questions, concerns, or support regarding your DenicMic Solar Deck Lights, please refer to your purchase platform or contact DenicMic customer service directly. Keep your proof of purchase for warranty claims. Visit the official DenicMic Store for more information and products:[DenicMic Store](#)