Latband A04

Latband Solar Spot Lights Outdoor Waterproof IP67

MODEL: A04

Instruction Manual

1. Introduction

Thank you for choosing Latband Solar Spot Lights. This manual provides essential information for the safe and efficient use of your new outdoor lighting system. These solar-powered spotlights are designed to illuminate your garden, yard, pathways, and driveways with high-efficiency LED lighting, offering durability and ease of installation.

2. Product Features

- **High-Efficiency Solar Panel:** Equipped with polycrystalline silicon solar panels, achieving an energy conversion rate of up to 25%.

- **Ultra-Bright LED Lights:** Each spotlight features 53 ultra-bright LED lights for superior illumination.

- **Long-Lasting Illumination:** Provides 8-12 hours of lighting after 8 hours of direct sunlight charging.

- **Durable & Weatherproof:** Constructed from high-strength ABS plastic with an IP65 waterproof rating, capable of withstanding temperatures from -4℉ to 140℉.

- **Wide Lighting Angle:** Features 4 light sources (front, left/right, bottom) and a 270° lighting angle for broader coverage.

- **Adjustable Design:** Both the solar spotlights and solar panels can be adjusted to different angles to optimize solar energy capture and lighting direction.

- **Three Lighting Modes:** Offers High, Medium, and Dim brightness modes, selectable via a button.

- **Automatic Operation:** Lights automatically turn on at night and turn off during the day.

- **Versatile Installation:** Can be installed as a ground landscape light using stakes or mounted on a wall using screws.

3. Package Contents

The package includes 4 Latband Solar Spot Lights and necessary installation accessories (stakes and screws).

4. Setup & Installation

The Latband Solar Spot Lights offer two primary installation methods: ground insertion and wall mounting.

4.1 Ground Insertion

1. Attach the ground stake to the main light unit.
2. Select a location with ample direct sunlight for the solar panel to charge effectively.
3. Firmly insert the assembled light into the ground.
4. Adjust the angle of the solar panel and light head to your desired position.

4.2 Wall Mounting

1. Mark the desired drilling points on the wall.
2. Drill holes and insert the provided wall plugs.
3. Secure the light unit to the wall using the provided screws.
4. Adjust the angle of the solar panel and light head for optimal lighting.

Product Details

Product Dimensions

3.74in

5.0in

12.0in

Wall Mounted

Adjust The Light Angle

Figure 1: Product dimensions and adjustable angles for wall-mounted and ground-inserted installation.
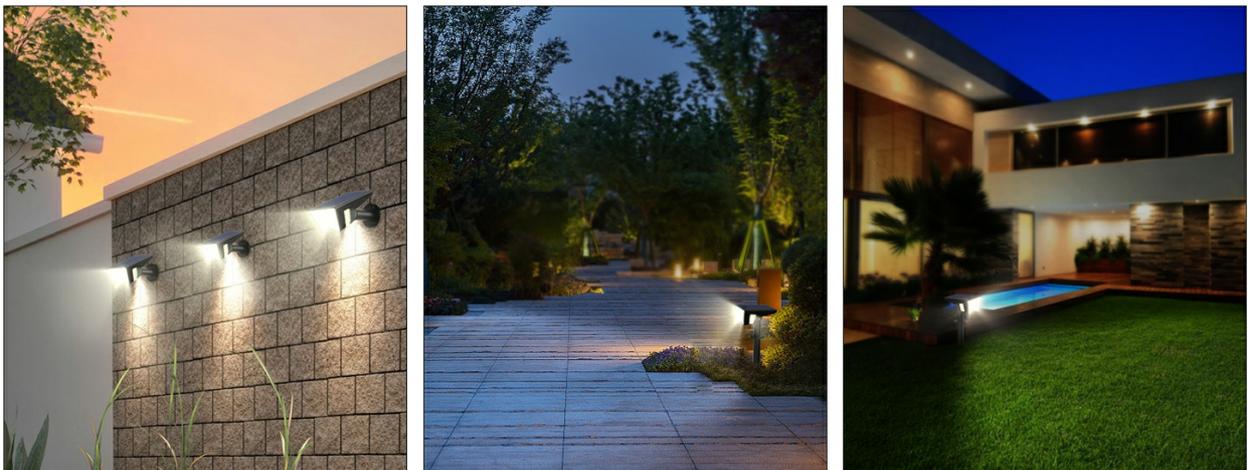
Figure 2: Step-by-step illustration of wall mounting and ground insertion.

5. Operating Instructions

Your Latband Solar Spot Lights are designed for simple, automatic operation. Ensure the light switch is turned on before initial use.

5.1 Initial Activation

Locate the power button on the back of the solar light. Press it once to activate the light. The light will automatically enter charging mode during the day and turn on at dusk.

5.2 Selecting Lighting Modes

The light features three brightness modes. Press the button on the back of the solar light to cycle through the modes:

- **Mode 1 (High Brightness):** Provides up to 8 hours of illumination.
- **Mode 2 (Medium Brightness):** Provides up to 10 hours of illumination.
- **Mode 3 (Dim Brightness):** Provides up to 12 hours of illumination.

Figure 3: Three available lighting modes and their approximate durations.

Figure 4: Visual comparison of the three lighting modes.

5.3 Automatic On/Off Function

Once activated, the solar lights will automatically detect ambient light. They will charge during the day and illuminate automatically when it gets dark, turning off at dawn.

Figure 5: Automatic On/Off feature and weather resistance.

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Video 1: Official product video demonstrating the Latband Solar Spot Lights, highlighting their outdoor waterproof design and functionality.

6. Maintenance

To ensure optimal performance and longevity of your solar spot lights, follow these maintenance tips:

- **Clean Solar Panels:** Regularly wipe the solar panels with a soft, damp cloth to remove dust, dirt, or debris that may obstruct sunlight absorption.
- **Clear Obstructions:** Ensure no trees, bushes, or structures are blocking direct sunlight from reaching the solar panels, especially during peak charging hours.
- **Inspect for Damage:** Periodically check the lights for any physical damage, loose connections, or signs of wear.
- **Winter Care:** While designed for cold temperatures, clearing snow or ice from the solar panel will ensure continued charging.

7. Troubleshooting

If your solar spot lights are not functioning as expected, consider the following:

- **Light Not Turning On:**
  - Ensure the power switch on the back of the light is in the 'ON' position.
  - Verify the solar panel is receiving at least 8 hours of direct sunlight daily. Relocate if necessary.
  - Check for any obstructions (e.g., leaves, dirt) on the solar panel and clean it.
  - Confirm it is dark enough for the light sensor to activate. Cover the solar panel briefly to test.

- **Short Illumination Time:**
  - The solar panel may not be receiving sufficient sunlight for a full charge. Adjust its angle or relocate.
  - Cloudy weather or shorter winter days can reduce charging efficiency.
  - Ensure the selected lighting mode (High, Medium, Dim) matches your desired duration. Higher brightness modes consume more power.

- **Dim Light Output:**
  - The battery might not be fully charged. Allow for a full day of direct sunlight.
  - Clean the solar panel and LED light surface.

8. Specifications

Attribute	Detail
Brand	Latband
Model Name	A04-01

Item Model Number	A04
Color	Cool White
Material	Plastic
Light Fixture Form	Floodlight
Product Dimensions	5"L x 11.96"W x 3.7"H
Indoor/Outdoor Usage	Outdoor
Power Source	Solar Powered
Installation Type	Ground-Mounted
Light Source Type	LED
Number of Light Sources	53
Brightness	800 Lumen
Efficiency	25%
Water Resistance Level	Waterproof (IP65)
Batteries Required	Yes (1 Lithium Ion battery included)
Item Weight	2.53 pounds (for 4 Pack)

9. Warranty & Support

The product comes with a warranty. For specific details regarding the warranty period and coverage, please refer to the product packaging or contact Latband customer support directly. If you encounter any issues or have questions not covered in this manual, please reach out to the manufacturer's support team for assistance.