AIDROIT spotlight

AIDROIT Solar Spot Lights User Manual

Model: spotlight

1. Introduction

Thank you for choosing AIDROIT Solar Spot Lights. These lights are designed to provide versatile and efficient outdoor lighting for your garden, yard, patio, and other landscape areas. Featuring multiple lighting modes and robust waterproof construction, they offer a reliable and aesthetically pleasing lighting solution.

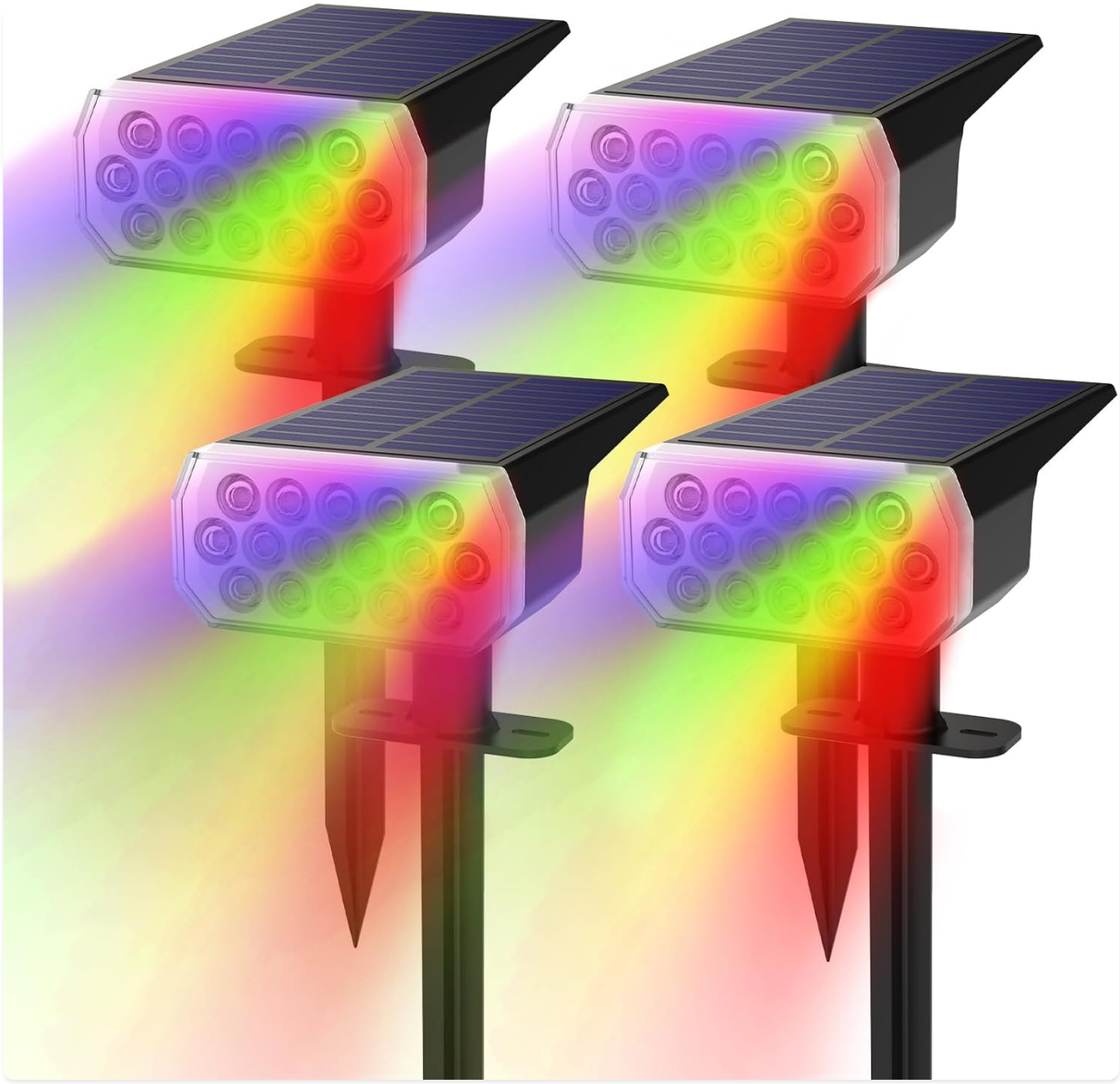


Image: Four AIDROIT Solar Spot Lights in a multicolor display.

2. Product Features

- **Multicolor Lighting Modes:** Features 8 distinct lighting modes including Purple, Green, White, Red, Yellow, Cyan, Blue, and an Auto Color Changing Mode. Built-in RGBW chips allow for a wide range of unique shades.
- **High Brightness:** Equipped with 16 high-power LEDs for focused and brighter illumination.
- **Adjustable Angle:** Supports vertical 120-degree adjustment for precise light direction.
- **Durable & Weatherproof:** IP65 waterproof rating, heat-resistant, and frost-resistant, designed to withstand extreme weather conditions from -20°C to 50°C.
- **Efficient Solar Charging:** High photoelectric conversion rate of up to 22% with larger solar panels, significantly reducing charging time.
- **Automatic Operation:** Automatically switches from charging mode during the day to lighting mode at night.
- **Long Working Time:** Provides 6-12 hours of illumination after a full charge (6-8 hours of auto charging).



Image: High efficiency solar panel and battery life details.

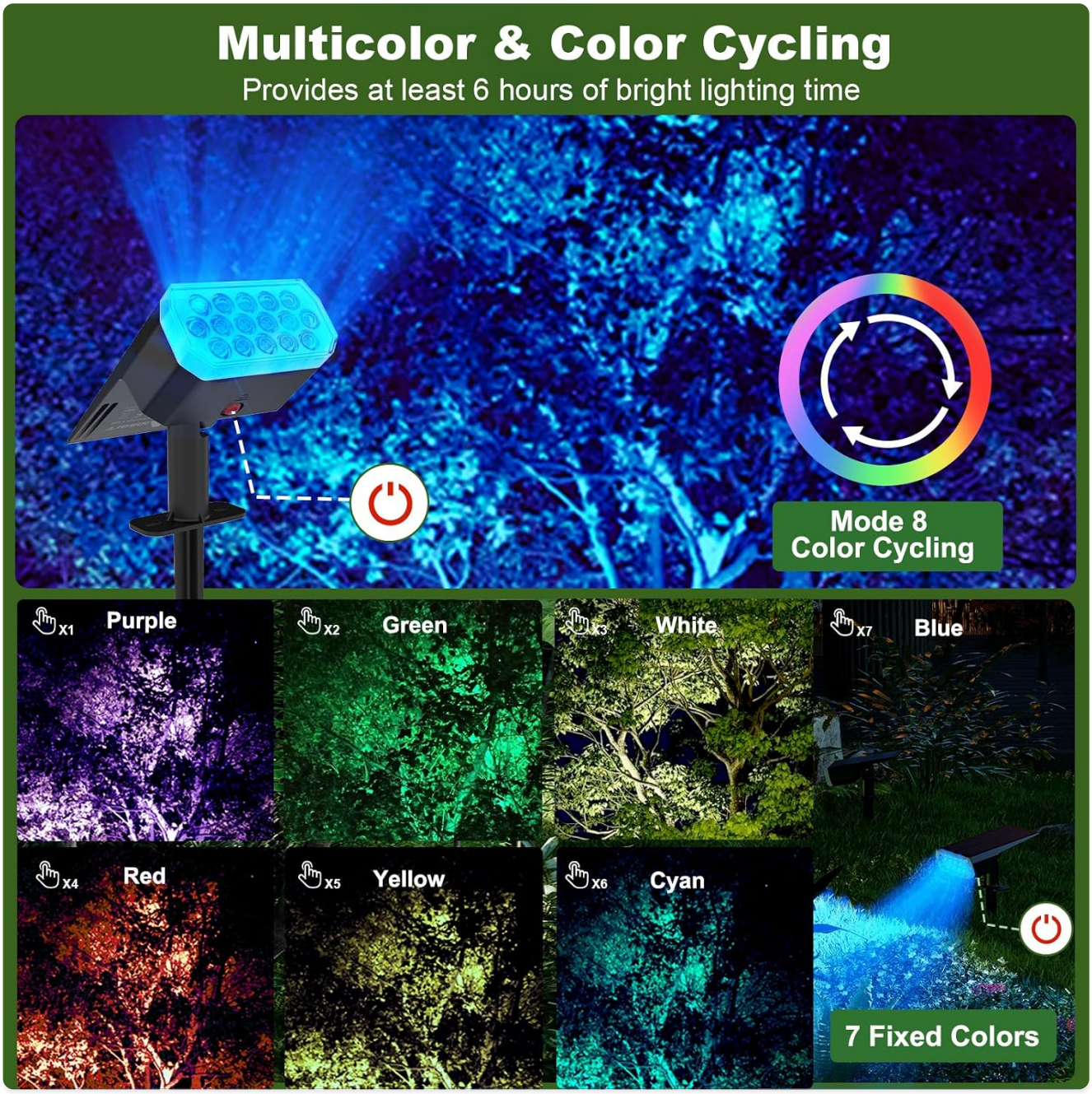


Image: Overview of multicolor and color cycling modes.

3. Setup & Installation

Your AIDROIT Solar Spot Lights offer two primary installation methods: ground insertion and wall mounting. Choose the method that best suits your lighting needs.

3.1 Ground Insert Installation

1. **Attach the Stake:** Connect the pointed stake to the base of the solar light unit.
2. **Insert into Ground:** Firmly insert the assembled light into soft ground in your desired location. Ensure the solar panel faces direct sunlight for optimal charging.
3. **Turn On & Select Mode:** Locate the ON/OFF/Mode switch on the back of the light. Press it to turn on the light and cycle through the desired lighting modes.
4. **Adjust Light Angle:** Adjust the light head vertically up to 120 degrees to direct the illumination as needed.

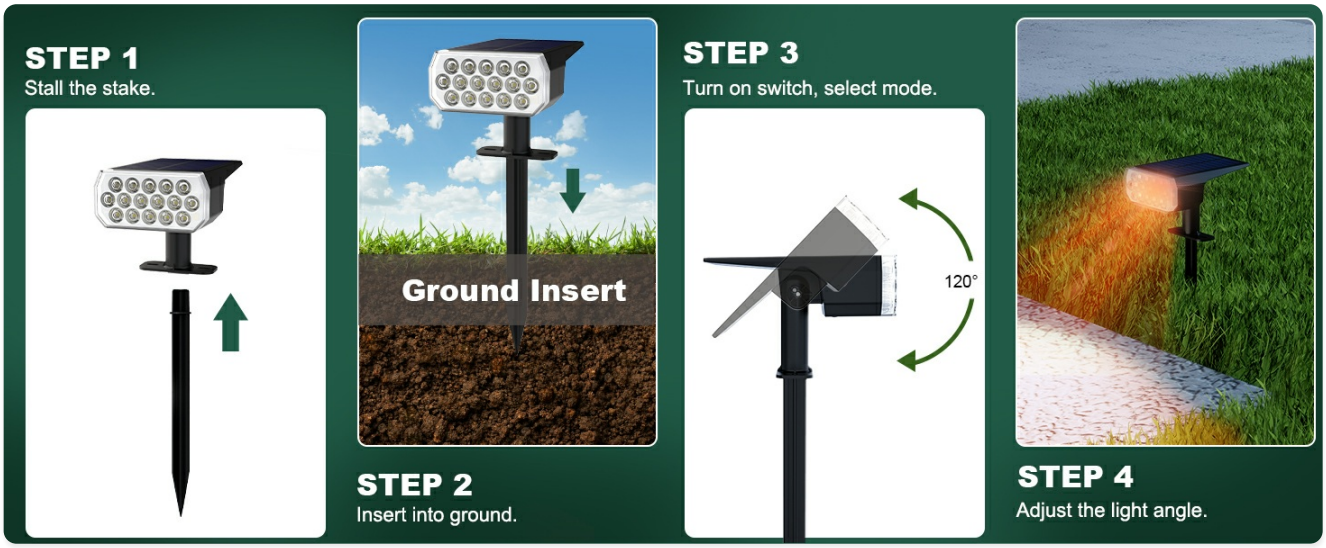


Image: Ground Insert Installation Steps.

3.2 Wall Mounted Installation

1. **Mark & Drill:** Use the provided wall mount bracket to mark the drilling points on your desired wall surface. Drill holes and insert wall anchors if necessary.
2. **Secure Bracket:** Screw the wall mount bracket securely onto the wall.
3. **Attach Light:** Slide the solar light unit onto the secured wall mount bracket.
4. **Turn On & Select Mode:** Locate the ON/OFF/Mode switch on the back of the light. Press it to turn on the light and cycle through the desired lighting modes.
5. **Adjust Light Angle:** Adjust the light head vertically up to 120 degrees to direct the illumination as needed.



Image: Wall Mounted Installation Steps.

Your browser does not support the video tag.

Video: Official AIDROIT video demonstrating product features and installation methods.

4. Operating Instructions

The AIDROIT Solar Spot Lights are designed for simple operation. The single button on the back of the light controls both power and lighting modes.

- **Power On/Off:** Press and hold the button for 3 seconds to turn the light ON or OFF.

- **Change Lighting Mode:** Once the light is ON, short press the button repeatedly to cycle through the 8 available lighting modes:
  - Purple
  - Green
  - White
  - Red
  - Yellow
  - Cyan
  - Blue
  - Auto Color Changing Mode (cycles through all colors)
- **Automatic Operation:** The lights will automatically turn on at dusk and turn off at dawn, provided they have received sufficient sunlight for charging during the day.

5. Maintenance

To ensure optimal performance and longevity of your AIDROIT Solar Spot Lights, follow these maintenance guidelines:

- **Clean Solar Panel:** 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.
- **Clear Obstructions:** Ensure the solar panel is not obstructed by leaves, snow, or other objects that could block sunlight.
- **Battery Care:** While the lights use a rechargeable Lithium Ion battery (included), prolonged periods of low sunlight may affect performance. If possible, ensure the lights receive ample direct sunlight daily.
- **Storage:** If storing the lights for an extended period, ensure they are fully charged and store them in a cool, dry place.

6. Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient charging during the day. ON/OFF switch is OFF. Solar panel is dirty or obstructed. Light sensor is detecting ambient light.	Ensure solar panel receives 6-8 hours of direct sunlight. Press the ON/OFF/Mode switch to turn ON. Clean the solar panel. Relocate the light away from other light sources (e.g., streetlights, porch lights).
Light duration is short.	Insufficient charging. Battery capacity reduced over time.	Ensure solar panel receives full direct sunlight. Avoid shaded areas. Allow several days of full charging. If problem persists after extended use, battery may need replacement (contact support).

Problem	Possible Cause	Solution
Light flickers or changes color unexpectedly.	Low battery. Internal component issue.	Allow the light to fully charge for 1-2 days in direct sunlight. If flickering continues, contact customer support.
Water inside the light casing.	Seal compromise or extreme weather.	While rated IP65 waterproof, extreme conditions can sometimes cause issues. If water ingress is significant, discontinue use and contact customer support.

7. Specifications

Feature	Detail
Brand	AIDROIT
Model Name	spotlight
Color	Multicolor
Material	Acrylonitrile Butadiene Styrene (ABS)
Light Source Type	LED (16 high power LEDs)
Brightness	800 lumen
Power Source	Solar Powered
Battery	1 Lithium Ion battery (included), 1800 mAh
Charging Time	6-8 hours (direct sunlight)
Working Time	6-12 hours (after full charge)
Water Resistance Level	IP65 Waterproof
Product Dimensions	10"L x 4"W x 2"H (approx.)
Adjustability	Vertical 120 degrees
Included Components	Solar Outdoor Spotlights, Wall Mounting Screws, Pole (for ground insert)

8. Warranty & Support

Information regarding specific warranty details and customer support contact methods for AIDROIT products was not available in the provided data. Please refer to the product packaging or the manufacturer's official website for the most up-to-date warranty information and support contacts.
For general inquiries or assistance, you may visit the AIDROIT Store on Amazon:AIDROIT Store

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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.

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