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ASAHOME S1023

ASAHOME RGB Outdoor String Lights

MODEL: S1023 - INSTRUCTION MANUAL

1. Introduction

Thank you for purchasing the ASAHOME RGB Outdoor String Lights. This product features color-changing LED bulbs, smart Bluetooth app control, and is designed for outdoor use. Please read this manual thoroughly before installation and operation to ensure proper use and safety.

2. Safety Information

- **Electrical Safety:** Ensure the power source matches the product's voltage requirements (AC100V-240V input / DC 12V output). Do not overload electrical outlets.
- **Outdoor Use:** The string lights and bulbs are IP65 waterproof and shatterproof, designed to withstand rain and snow. However, the **power adapter and control box are NOT waterproof** and must be protected from moisture.
- **Installation:** Always unplug the lights from the power source before installation, maintenance, or bulb replacement.
- **Damage:** Do not use if the cord, bulbs, or housing are damaged. Contact customer support for replacement parts.
- **Children and Pets:** Keep the product out of reach of children and pets.

3. Package Contents

Verify that all components are present in the package:

- 1 x 48FT RGB Outdoor String Lights with 15 LED Bulbs
- 1 x Power Adapter (AC100V-240V input / DC 12V output)
- Mounting accessories (hooks, screws, wall anchors)
- User Manual



Figure 3.1: Package contents and bulb dimensions. Each bulb is 3.7 inches long and 1.77 inches in diameter. The string includes 15 LED bulbs, hooks for hanging, and a power plug. Each bulb consumes 0.5W.

4. Setup and Installation

- 1. Unpack:** Carefully remove all components from the packaging.
- 2. Plan Placement:** Determine the desired location for your string lights. Ensure the power adapter and control box will be in a dry, protected area, as they are not waterproof.
- 3. Mounting:** Hang the heavy-duty outdoor string lights using the integrated hooks on each bulb socket. You can use ropes or a guidewire (not included) for a hanging effect, or secure them directly to a structure.
- 4. Power Connection:** Connect the string lights to the power adapter, then plug the adapter into a suitable outdoor power outlet.
- 5. App Download:** Download the 'Tuya Smart' app from your smartphone's app store (iOS or Android).
- 6. Bluetooth Pairing:** Follow the in-app instructions to pair your string lights via Bluetooth. This typically involves powering on the lights and initiating the pairing process within the app.



Figure 4.1: Bluetooth App Control in an outdoor setting. The lights are strung across a patio, and a smartphone shows the Tuya Smart app interface for controlling the lights.

5. Operating Instructions

Control your ASAHOME RGB Outdoor String Lights using the Tuya Smart app via Bluetooth.

5.1. Basic Control

- **Power On/Off:** Use the dedicated button in the app to turn the lights on or off.
- **Brightness Adjustment:** Adjust the light intensity from 1% to 100% using the brightness slider in the app.
- **Color Change:** Select from a wide spectrum of colors using the color wheel in the app. *Note: Individual bulb color control is not supported; all bulbs will display the selected color.*

Customize Your String Lights

Change the color, brightness with APP



Figure 5.1: Customizing string lights with the app. The image shows the app interface for changing color and brightness, with lights illuminating an outdoor space.

5.2. Scene Modes

The app offers 8 dynamic scene modes to suit various occasions. Select a scene to instantly change the lighting ambiance.

- Available scenes include: Good Night, Leisure, Grassland, Colorful, Dazzling, Gorgeous, Blue Sky, Ocean.

8 Scene Modes to Choose

Play with the right colour for the occasion



Figure 5.2: 8 Scene Modes. The app interface shows various scene options like 'Colorful' and 'Dazzling', enhancing the atmosphere of an outdoor party.

5.3. Music Sync Mode

Activate the music sync mode to make the lights change color and rhythm with your favorite music, creating a dynamic party atmosphere.

Dance with Your Party Music

sync the lights to the beats



Figure 5.3: Music Sync Mode. The lights dance to the beat of music, as shown by people enjoying a party with sparklers.

5.4. Countdown Function

Set a countdown timer for the lights to automatically turn on or off after a specified duration.

5.5. Official Product Video

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Video 5.4: This video demonstrates the ASAHOME RGB Outdoor String Lights in action, showcasing features like Bluetooth app control, various scene modes, music sync, countdown function, IP65 waterproofing, multi-color change, and dimmable options. It highlights the product's versatility for different outdoor settings.

6. Maintenance

- Cleaning:** Disconnect power before cleaning. Wipe bulbs and cables with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Storage:** When not in use for extended periods, store the lights in a cool, dry place, protected from direct sunlight and extreme temperatures. Ensure the power adapter and control box are kept dry.

- **Bulb Replacement:** While bulbs are shatterproof, if a bulb needs replacement, ensure the power is disconnected. Contact customer support for compatible replacement bulbs.



Figure 6.1: IP65 Waterproof and Shatterproof design. The image shows a bulb with water droplets, emphasizing its resistance to outdoor elements like rain, wind, and snow.

7. Troubleshooting

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, faulty adapter.	Check power outlet, ensure all connections are secure. Verify power adapter is functioning.
Cannot connect to app.	Bluetooth off, lights not in pairing mode, app issue.	Ensure Bluetooth is enabled on your device. Try unplugging and replugging the lights to enter pairing mode. Restart the app or your device.

Problem	Possible Cause	Solution
Lights flicker or change colors randomly.	Unstable power, connection issue, environmental factors.	Ensure stable power supply. Check for loose connections. Protect the control box from moisture and extreme temperatures. Try resetting the lights by unplugging for a few minutes.
Lights are dim.	Brightness setting too low.	Adjust brightness to 100% in the Tuya Smart app.

8. Specifications

Feature	Detail
Model Number	S1023
Brand	ASAHOME
Length	48 feet
Number of Bulbs	15 LED bulbs
Light Color	Multi-Color (RGB)
Light Source Type	LED
Wattage per Bulb	0.5 watts
Total Wattage	5 watts
Voltage	110 Volts (AC)
Power Source	Corded Electric, AC100V-240V input / DC 12V output
Indoor/Outdoor Usage	Outdoor
Waterproof Rating	IP65 (lights and bulbs only; adapter and control box are not waterproof)
Special Features	Dimmable, Shatterproof, Bluetooth App Control, Connectable, Countdown, Energy-saving, Music Sync
Controller Type	App Control
Bulb Shape Size	S14
Average Life	20,000 Hours
Material	Plastic
Item Weight	2.09 pounds

Feature	Detail
Package Dimensions	7.8 x 7.64 x 5.08 inches

9. Warranty and Support

ASAHOME products are designed for quality and reliability. For warranty information, technical support, or any questions regarding your product, please refer to the contact information provided on the product packaging or visit the official ASAHOME website. Please retain your proof of purchase for warranty claims.