MEIKEE SP01RB

MEIKEE RGB Garden Spotlights (8-Pack) User Manual

Model: SP01RB

1. INTRODUCTION

Thank you for choosing the MEIKEE RGB Garden Spotlights. This 8-pack lighting system is designed to enhance your outdoor spaces with vibrant colors and dynamic lighting effects. Featuring remote control operation, 10 color options, 30 dynamic modes, and an IP66 waterproof rating, these spotlights are suitable for various outdoor applications. Please read this manual carefully before installation and use to ensure proper operation and safety.

2. SAFETY INSTRUCTIONS

- Ensure the power supply is disconnected before installation or maintenance.
- This product is designed for outdoor use and is IP66 waterproof. However, avoid submerging the control box or power plug in water.
- Do not attempt to disassemble or modify the product. Unauthorized modifications may void the warranty and pose safety risks.
- Keep the product away from flammable materials.
- Use only the provided power adapter and components.
- If any damage is observed, discontinue use immediately and contact customer support.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Control Box
- 1 x Screw Pack
- 8 x Garden Spotlights
- 1 x Remote Control
- 1 x Instruction Manual

Image: Overview of the MEIKEE RGB Garden Spotlights, including the control box, remote, individual spotlights, and their dimensions.

4. SETUP

4.1 Installation Steps

The MEIKEE RGB Garden Spotlights are designed for easy installation. Simply connect the two wires, each with 4 lights, to the control box. Then, connect the control box to a power source. The total cable length is approximately 23 meters, with a 3-meter distance between each light, providing flexibility for placement.

Image: Step-by-step guide for connecting the spotlights to the control box and power, and demonstrating both ground stake and wall mounting options.

The spotlights feature a 180-degree adjustable head, allowing optimal illumination for walls, trees, potted plants, and fences.

4.2 Control Box Connection

The control box acts as the central hub for your lighting system. Connect the two light strings to the designated ports on the control box. Ensure a secure connection before plugging the control box into a standard 230V power outlet.

Image: The control box with its input and output connections, along with the remote control and its various functions.

5. Operating Instructions

5.1 Control Box Operation Modes

The control box offers three operational modes:

- **Remote ON/OFF:** Control the lights using the provided remote control.
- **Control Box ON/OFF:** Manually turn the lights on or off using the switch on the control box.
- **Automatic ON/OFF:** The lights will automatically turn off during the day and turn on at night. In this mode, the lights will automatically turn off after 2H/4H/6H if a timer is set.

5.2 Remote Control Functions

The remote control provides comprehensive control over your spotlights:

- **10 Color Changes:** Select from 10 distinct colors to suit your mood or occasion.
- **2 Brightness Levels:** Easily adjust the brightness to high or low settings.

Image: Visual representation of the 10 color options and the difference between low and high brightness settings for the spotlights.

- **30 Dynamic Modes:** Choose from 30 unique cycle modes, including multi-color cycles, monochrome cycles, and single color flashes, to create various atmospheres.
- **Speed Adjustment:** Adjust the speed of the dynamic modes to your preference.

Image: A visual guide to the 30 dynamic modes, categorized into multi-color cycles, monochrome cycles, and individual color flashes, with speed adjustment options.

5.3 Timing and Memory Functions

- **Scheduled Shutdown (Timer):** Set the lights to automatically turn off after 2 hours, 4 hours, or 6 hours. This is convenient for energy saving.

- **Memory Function:** The LED Garden Spots will remember the last lighting setting (color, mode, brightness) even after being turned off or experiencing a power outage. You do not need to reset it. (Note: The timing function cannot be saved and must be reset after each power cycle).

Image: A visual explanation of how the timer function works for automatic shutdown and how the memory function retains previous settings.

6. FEATURES OVERVIEW

- **Super Bright and Stable:** Equipped with high-quality lens beads, these spotlights offer increased brightness and illumination distance by 50%. The special MEIKEE mask design ensures softer, anti-glare light that is gentle on the eyes.

- **IP66 Waterproof and Durable:** Constructed from high-strength ABS material, the lights are corrosion-resistant and IP66 waterproof. The special grid structure of the lamp body enhances heat dissipation.

- **All-Weather Performance:** Designed to operate stably in temperatures ranging from -25°C to 40°C, making them suitable for use outdoors all year round, even in sunny, rainy, snowy, or windy conditions.

Image: The spotlights operating in rainy conditions, highlighting their IP66 waterproof, frost-resistant, and heat-resistant properties for year-round outdoor use.

7. MAINTENANCE

To ensure the longevity and optimal performance of your MEIKEE RGB Garden Spotlights, follow these maintenance guidelines:

- **Cleaning:** Periodically wipe the light fixtures and control box with a soft, damp cloth to remove dirt and debris. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly check cables and connections for any signs of wear, damage, or loose connections. Ensure the waterproof seals are intact.
- **Placement:** Ensure the spotlights are not obstructed by growing plants or debris, which could affect light output or heat dissipation.

8. TROUBLESHOOTING

If you encounter issues with your MEIKEE RGB Garden Spotlights, refer to the following troubleshooting tips:

Problem	Possible Cause	Solution
Lights do not turn on.	No power supply; loose connection; control box in OFF mode.	Check power outlet; ensure all cables are securely connected; switch control box to ON or AUTO mode.
Remote control not working.	Battery depleted; remote out of range; signal obstruction.	Replace remote battery; move closer to the control box; ensure no large obstructions between remote and control box.
Lights are flickering or inconsistent.	Loose connection; power fluctuation; faulty light unit.	Check all connections; ensure stable power supply; if a single unit is faulty, contact support.
Timer function not saving.	This is normal behavior.	The timing function needs to be reset after each power cycle or manual shutdown. The memory function only applies to color, mode, and brightness.

If the problem persists after attempting these solutions, please contact MEIKEE customer support for further assistance.

9. SPECIFICATIONS

Attribute	Specification
Brand	MEIKEE
Model Number	SP01RB
Product Dimensions (L x W x H)	16 x 11 x 26 cm
Item Weight	1.63 Kilograms
Number of Lights	8
Style	Modern
Color	Black
Material	Acrylonitrile Butadiene Styrene (ABS)
Finish Type	Lacquered
Voltage	230 Volts
Specific Uses	Garden, Outdoor
Shade Material	Plastic
Plug Type	Electric Cable
Switch Style	Remote
Installation Type	Ground Mount, Wall Mount
Batteries Required	No

Attribute	Specification
Certification	IP66
Bulb Type	LED
Color Rendering Index (CRI)	80

10. WARRANTY AND SUPPORT

MEIKEE products are manufactured to high-quality standards. For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official MEIKEE website.

If you require technical assistance, have questions about installation, or need to report a defect, please contact MEIKEE customer support through the retailer where you purchased the product or via the contact information provided on the MEIKEE brand store page on Amazon.

Please have your model number (SP01RB) and purchase date ready when contacting support.