**MEIKEE ASTA15**

# MEIKEE 15W RGBW Landscape Spot Lights ASTA15 User Manual

Model: ASTA15

## 1. INTRODUCTION

Thank you for choosing MEIKEE 15W RGBW Landscape Spot Lights. This manual provides detailed instructions for the safe installation, operation, and maintenance of your new lighting system. These lights are designed for outdoor use, offering versatile RGBW color changing capabilities, remote control operation, and robust IP66 waterproofing.

The MEIKEE ASTA15 landscape lights feature high-efficiency SMD lamp beads, a 4.9 FT cable with a US 3-prong plug for convenient outdoor use, and a 270° adjustable head for precise light direction. Enjoy customizable lighting with 10 single colors, adjustable brightness, various flash/smooth modes, and 10 multi-color changing modes with adjustable speed. The integrated timing and memory functions enhance user convenience.

*Image 1.1: MEIKEE 15W RGBW Landscape Spot Lights (8-Pack) with remote controls.*

## 2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- RGBW Landscape Lights (8 units)
- Remote Controller (2 units)
- Instruction Manual (This document)

## 3. SAFETY INFORMATION

Read all safety instructions before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Electrical Safety:** Ensure the power supply is disconnected before installation or maintenance. Use only with AC 110-120V power sources.
- **Outdoor Use:** These lights are rated IP66 waterproof for outdoor use. However, avoid submerging the lights in water.

- **Cable Management:** Do not pinch or damage the power cable. Keep cables away from sharp objects, hot surfaces, and pedestrian traffic.
- **Installation:** Install lights securely to prevent them from falling or being dislodged by wind or other environmental factors.
- **Maintenance:** Do not attempt to open or repair the light fixture. Refer all servicing to qualified personnel.
- **Children and Pets:** Keep packaging materials and small components out of reach of children and pets.

## 4. PRODUCT OVERVIEW

The MEIKEE ASTA15 landscape spotlight is constructed with durable materials and designed for optimal performance and longevity.



*Image 4.1: Detailed view of MEIKEE Landscape Spotlight components.*

## Key Features:

- **High Lumen SMD LED Chips:** Provides bright and efficient illumination.
- **Durable Construction:** Aluminum housing combined with a polycarbonate snap-on rainproof cap ensures durability and prevents yellowing.
- **Efficient Heat Dissipation:** Fish fin heat sink design speeds up heat dissipation for extended lifespan.
- **270° Adjustable Head:** Allows for flexible light direction to illuminate desired areas.
- **Waterproof Rubber Ring:** Enhances the IP66 waterproof rating for reliable outdoor performance.
- **Power Cable:** 1.5m (4.9 ft) cable with US 3-prong plug for direct connection to AC 110-120V outlets.

## 5. SETUP AND INSTALLATION

The MEIKEE landscape lights offer two primary installation methods: ground insertion or wall mounting.

### 5.1 Ground Installation

For ground installation, attach the included stake to the light fixture. Select a suitable location in your garden, lawn, or pathway where the light can be securely inserted into the soil. Ensure the light is stable and pointed in the desired direction.



*Image 5.1: Ground inserted installation method.*

### 5.2 Wall Mounting

To wall mount the lights, use appropriate screws (not included) to secure the mounting bracket to a wall, fence, or other vertical surface. Once the bracket is secure, attach the light fixture to the bracket and adjust its angle as needed. Ensure the mounting surface can support the weight of the light and is suitable for outdoor conditions.
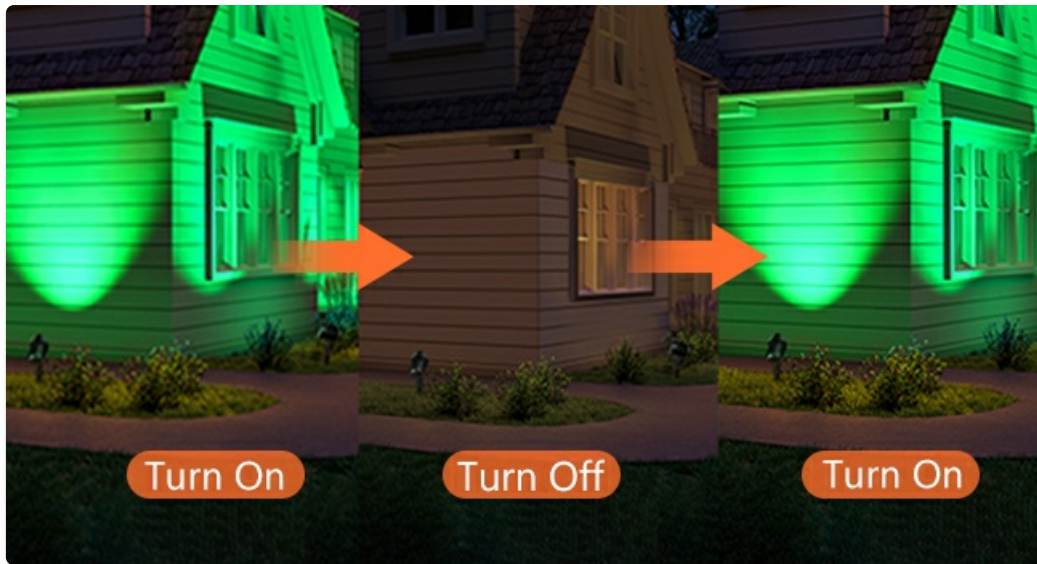
*Image 5.2: Wall mounted installation method.*

## 5.3 Connecting Power

After installation, connect the 3-prong plug of the light's power cable to a standard AC 110-120V outdoor power outlet. Ensure the outlet is protected from water and suitable for outdoor use. The cable length is approximately 4.9 feet (1.5 meters).

## 6. OPERATING INSTRUCTIONS

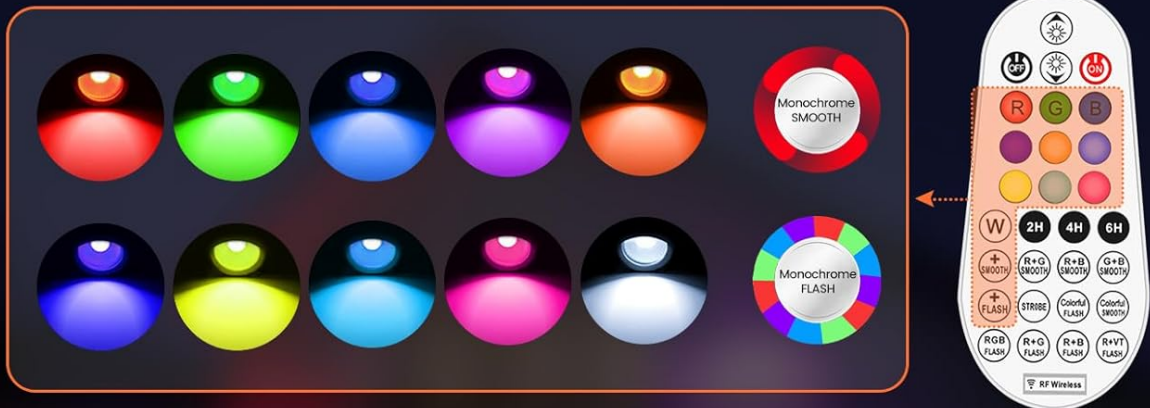Your MEIKEE landscape lights are controlled using the included 29-key RF remote control.

## 6.1 Remote Control Overview

The remote control allows you to power the lights on/off, select colors, adjust brightness, choose dynamic modes, and set timers. The maximum control distance is approximately 12 meters (39.3 feet).

*Image 6.1: Remote control functions for color and mode selection.*

## 6.2 Color and Mode Selection

- **Single Colors:** Press any of the 10 color buttons to select a static color.
- **Flash/Smooth Mode:** For single colors, use the 'Flash' or 'Smooth' buttons to apply dynamic effects.
- **Multi-Color Changing Modes:** Select from 10 pre-programmed multi-color changing modes. Use the 'Speed+' and 'Speed-' buttons to adjust the transition speed.
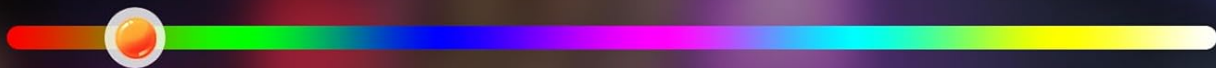
## 6.3 Brightness Adjustment

When a single color is selected, use the 'Brightness+' and 'Brightness-' buttons on the remote to adjust the light intensity from 100% down to 25%.
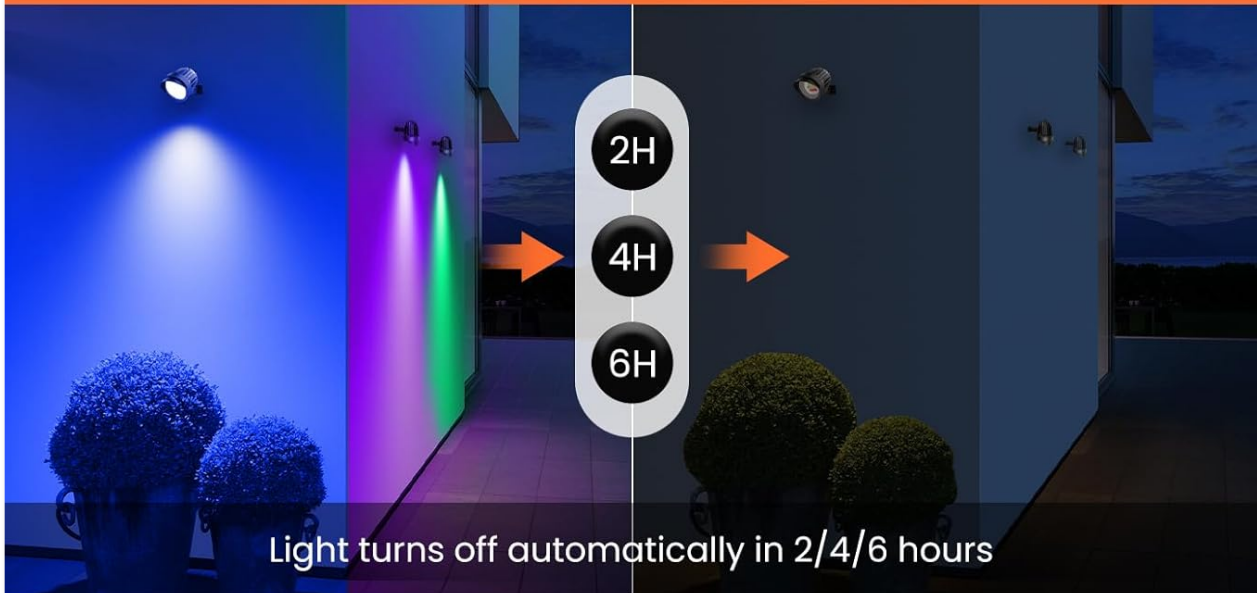
*Image 6.2: Single color modes and brightness adjustment.*

## 6.4 Timing Function

The remote control includes timing buttons (2H, 4H, 6H). Pressing one of these buttons will set the lights to automatically turn off after the selected duration (2, 4, or 6 hours).

*Image 6.3: Timing and Memory functions explained.*

## 6.5 Memory Function

The lights are equipped with a memory function. This means that when you turn the lights off and then back on, they will resume the last color setting and mode that was active before they were turned off, eliminating the need to reset your preferred settings.

## 6.6 Setting Individual Light Colors

To set different colors for individual lights or groups of lights:

1. Plug in the first set of lights you wish to configure. Use the remote to set your desired color or mode for this set.

2. Unplug the first set. Then, plug in the next set of lights and use the remote to set their desired color or mode.

3. Repeat this process for all desired sets. Once all lights are set, plug them all in. They will retain their

individual settings. Avoid using the remote after this step if you want to maintain individual settings, as it will control all lights within range.
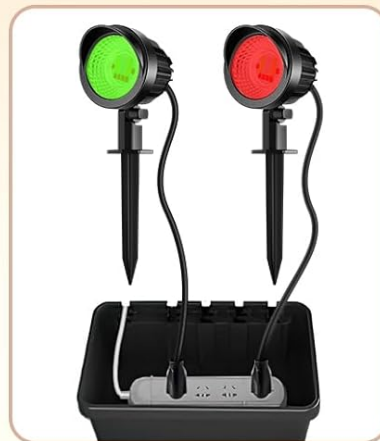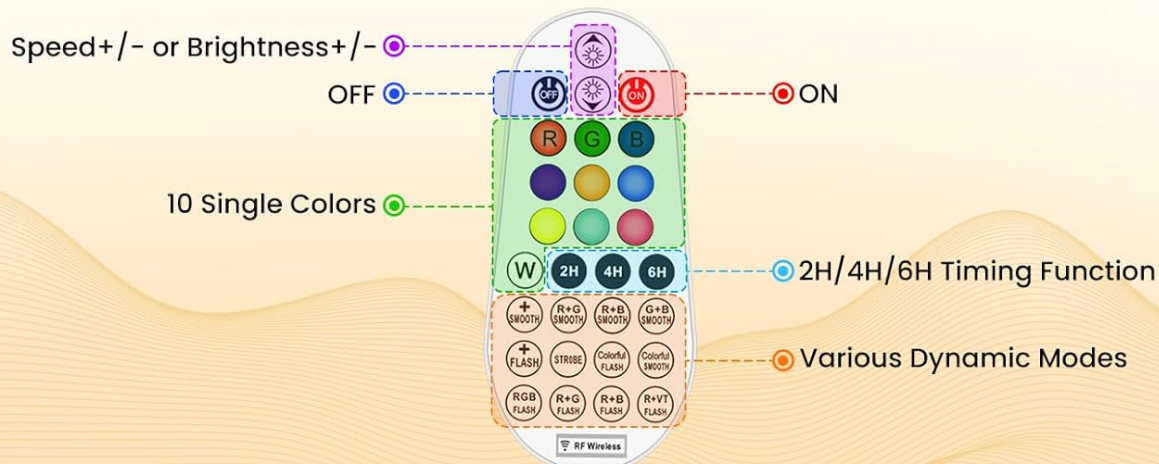


*Image 6.4: Instructions for setting individual light colors.*

## 7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your MEIKEE landscape lights.

### 7.1 Cleaning

Periodically clean the light fixtures to remove dirt, dust, and debris that may accumulate on the lens or housing. Use a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish or lens.

### 7.2 Weather Resistance

The lights are designed with an IP66 waterproof rating, making them resistant to dust and powerful water jets. They are also built to be heat and frost resistant, suitable for various outdoor weather conditions.



*Image 7.1: Demonstrating the heat, waterproof, and frost resistance of the lights.*

## 8. TROUBLESHOOTING

If you encounter issues with your MEIKEE landscape lights, refer to the following common problems and solutions:

- **Lights not turning on:**

  - Ensure the power plug is securely connected to a working AC 110-120V outlet.
  - Check if the remote control batteries (2 AAA, included) are correctly inserted and not depleted.
  - Verify that the remote control is pointed towards the lights and within the maximum control distance (12m/39.3ft).

- **Remote control not responding:**

  - Replace the remote control batteries.
  - Ensure there are no obstructions between the remote and the lights.
  - Try moving closer to the lights.

- **Inconsistent color or mode across multiple lights:**

  - If you desire individual light settings, follow the instructions in Section 6.6.
  - If you want all lights to synchronize, ensure they are all plugged in and then use the remote to set the desired color/mode.

- **Lights flickering or dimming unexpectedly:**

  - Check for stable power supply.
  - Ensure connections are secure and free from moisture.

If the problem persists after attempting these solutions, please contact customer support.

## 9. SPECIFICATIONS

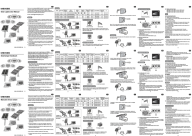| Feature | Specification |
|---|---|
| Brand | MEIKEE |
| Model Name | ASTA15 |
| Color | RGB (Red, Green, Blue) |
| Material | Aluminum, Polycarbonate |
| Style | Modern |
| Light Fixture Form | Spotlight |
| Product Dimensions | 10"L x 4.3"W x 6.4"H |
| Indoor/Outdoor Usage | Outdoor |
| Power Source | Corded Electric |
| Installation Type | Ground Insert, Wall Mount |
| Control Method | Remote |
| Light Source Type | LED |
| Voltage | 120 Volts (AC) |
| Wattage | 15 watts |
| Water Resistance Level | Waterproof (IP66) |
| Batteries Required | Yes (2 AAA for remote, included) |

## 10. WARRANTY INFORMATION

MEIKEE provides a lifetime warranty for this product. For specific details regarding warranty claims and coverage, please refer to the warranty documentation included with your purchase or contact MEIKEE customer support.

## 11. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue that cannot be resolved using the troubleshooting guide, please contact MEIKEE customer support. Please have your product model (ASTA15) and purchase information ready when contacting support.

For the most up-to-date contact information, please visit the official MEIKEE website or refer to your purchase documentation.

**Related Documents - ASTA15**

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|---|---|
| 520*360mm<br>品名：MK 23港太能聚光灯说明打折卡<br>料号：BIA 23552P-16-C<br>数封时间：2023.3.13<br>完成时间：2023.3.13（限浅色修建帮）<br>版本号：2023-C<br>*此页面不印刷 | **[MEIKEE MK23 Solar Spotlights User Manual](#)**<br>User manual for the MEIKEE MK23 solar spotlights, detailing specifications, installation, and operation for outdoor garden lighting. Features include color-changing, dual color temperature, IP66 waterproof rating, and dimmable modes. |
| 375mm*360mm<br>品名：bak高联景灯说<br>料号：BIA-21607A-M-S<br>数封时间：2021.10.22<br>完成时间：2021.9.23（限浅色修建帮帮）<br>版本号：2021-G<br>*此页面不印刷 | **[MEIKEE High Voltage Landscape Light User Manual](#)**<br>User manual for MEIKEE High Voltage Landscape Lights, including product parameters, installation instructions, and troubleshooting for models like ASTA05, ASTA07, ASTA09, ASTA12, and ASTA15. Covers safety warnings and product specifications. |
| | **[MEIKEE Solar RGB Floodlight User Manual and Specifications](#)**<br>Comprehensive user manual for the MEIKEE Solar RGB Floodlight, detailing installation, operation, specifications, and troubleshooting for this IP66 waterproof, remote-controlled solar lighting solution. |
| | **[MEIKEE RGB Floodlight User Manual: Installation, Features, and Troubleshooting](#)**<br>Comprehensive user manual for MEIKEE RGB Floodlights, covering installation, remote control functions, color modes, timing, troubleshooting, and maintenance. Features IP66 waterproof rating and wide lighting range. |
| | **[MEIKEE Motion Sensor Lights with 3 Adjustable Heads Installation and Specifications](#)**<br>Comprehensive guide for MEIKEE Motion Sensor Lights with 3 Adjustable Heads, covering installation, component diagrams, sensor settings, and technical specifications. Learn how to properly install and adjust your motion sensor lights for optimal performance. |
| | **[MEIKEE 42W LED Security Lights User Manual](#)**<br>Comprehensive user manual for MEIKEE 42W LED Security Lights with Motion Sensor, covering installation, operation, and specifications. Features IP66 waterproofing and adjustable 180° angle. |