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› MERTTUM RGB Wireless LED Spot Light User Manual (Model MZ-L3301)

MERTTUM MZ-L3301

MERTTUM RGB Wireless LED Spot Light User Manual

Model: MZ-L3301 | Brand: MERTTUM

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your MERTTUM RGB Wireless LED Spot Lights. Please read this manual thoroughly before use to ensure proper function and safety.



Image: A single MERTTUM RGB Wireless LED Spot Light, showcasing its compact, round design.

PACKAGE CONTENTS

Verify that all items are present in the package:

- MERTTUM RGB Wireless LED Spot Lights (3 units)
- Remote Control (1 unit)
- USB-C 3-in-1 Charging Cable (1 unit)
- Magnetic Mounting Plates
- Adhesive Pads
- User Manual (this document)



Taille du Produit:
70*70*25mm

Matériau:
ABS

Capacité des Batteries:
1200mAh

Alimentation en Énergie:
USB-C

Couleur de L'éclairage:
12 Couleurs RGBW

Poids Net:
67.6g

Couleurs disponibles: Noir/Blanc

Image: Illustration of the product package contents, including three LED puck lights, a remote control, and a USB-C charging cable.

SPECIFICATIONS

Brand	MERTTUM
Model Number	MZ-L3301
Light Type	LED
Power	5 Watts
Battery Capacity	1200mAh (built-in)
Charging Time	Approx. 2 hours (fast charging)
Runtime	Up to 26 hours (depending on brightness/mode)
Color Options	3 White Color Temperatures (White, Warm White, Warm) + 9 RGB Colors
Control Method	Remote Control, Touch Control
Remote Control Range	Up to 7 meters (23 feet)
Timing Functions	15 min, 30 min, 60 min (via remote), 2h default auto-off
Material	Acrylonitrile Butadiene Styrene (ABS)
Dimensions (L x H)	7 cm x 2.5 cm (approx. 2.76 in x 0.98 in)
CRI (Color Rendering Index)	95

Note: Some specifications like "Bulb Shape Size: PAR30" and "Bulb Base: E26" are generic or miscategorized for this self-contained, battery-powered puck light.

SAFETY INFORMATION

- Do not expose the lights to extreme temperatures or direct sunlight for prolonged periods.
- Keep away from water and moisture. This product is designed for indoor use only.

- Do not attempt to disassemble or modify the product. This may void the warranty and pose a safety risk.
- Use only the provided USB-C charging cable.
- Keep out of reach of children.
- Ensure the mounting surface is clean and dry before installation.

SETUP AND INSTALLATION

The MERTTUM RGB LED Spot Lights offer two easy installation methods: magnetic attachment or adhesive mounting.

1. Charging the Lights

Before first use, fully charge all LED spot lights. Connect the provided USB-C 3-in-1 charging cable to the charging port on each light and to a standard USB power adapter (not included).

- The indicator light will be **red** during charging.
- The indicator light will turn **green** when fully charged.
- Charging takes approximately 2 hours.

3-In-1 Fast Charging



2 Hours
Fast Charging



30 Hours
Long-lasting



USB-C
Charging

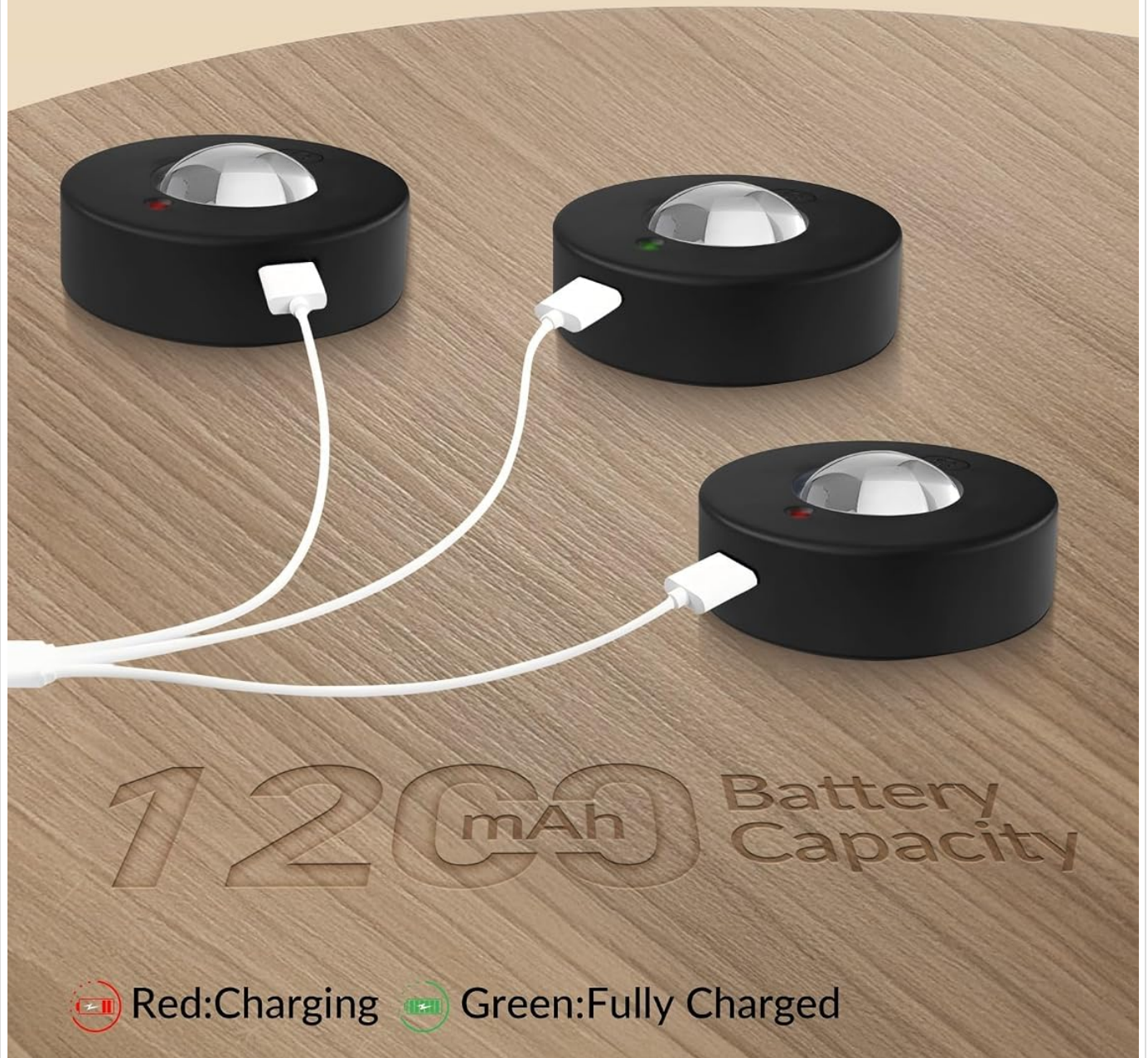


Image: Three MERTTUM LED puck lights being charged simultaneously with a 3-in-1 USB-C cable. Red and green lights indicate charging status.

2. Mounting the Lights

Choose your preferred installation method:

Magnetic Surface Installation

If your desired surface is metallic (e.g., a metal shelf), the lights can be directly attached using their built-in magnets.

1. Ensure the metallic surface is clean and dry.
2. Simply place the LED spot light onto the metallic surface. The magnet will hold it in place.

Non-Magnetic Surface Installation (Adhesive)

For non-metallic surfaces (e.g., wood cabinets, plastic), use the provided magnetic mounting plates and adhesive pads.

1. Clean and dry the desired installation surface thoroughly.
2. Peel off the protective film from one side of an adhesive pad and attach it to the back of a magnetic mounting plate.
3. Peel off the protective film from the other side of the adhesive pad and firmly press the magnetic mounting plate onto the desired surface. Hold for 30 seconds to ensure strong adhesion.
4. Once the mounting plate is securely attached, the LED spot light can be magnetically attached to the plate.

Magnetic & Install Easily



Image: Visual guide demonstrating how to install the light on magnetic surfaces directly and on non-magnetic surfaces using an adhesive magnetic plate.

OPERATING INSTRUCTIONS

Your MERTTUM RGB LED Spot Lights can be controlled via touch or the included remote control.

1. Power On/Off

- **Side Switch:** Each light has a physical ON/OFF switch on its side. Ensure this switch is in the "ON" position for the light to function.
- **Touch Control:** With the side switch ON, a single tap on the front of the light will turn it ON or OFF.
- **Remote Control:** Press the **ON** or **OFF** button on the remote.

2. Adjusting Brightness (Dimming)

- **Touch Control:** With the light ON, press and hold the front of the light to continuously adjust brightness. Release when the desired brightness is reached.
- **Remote Control:** Use the **+** and **-** buttons on the remote to increase or decrease brightness.

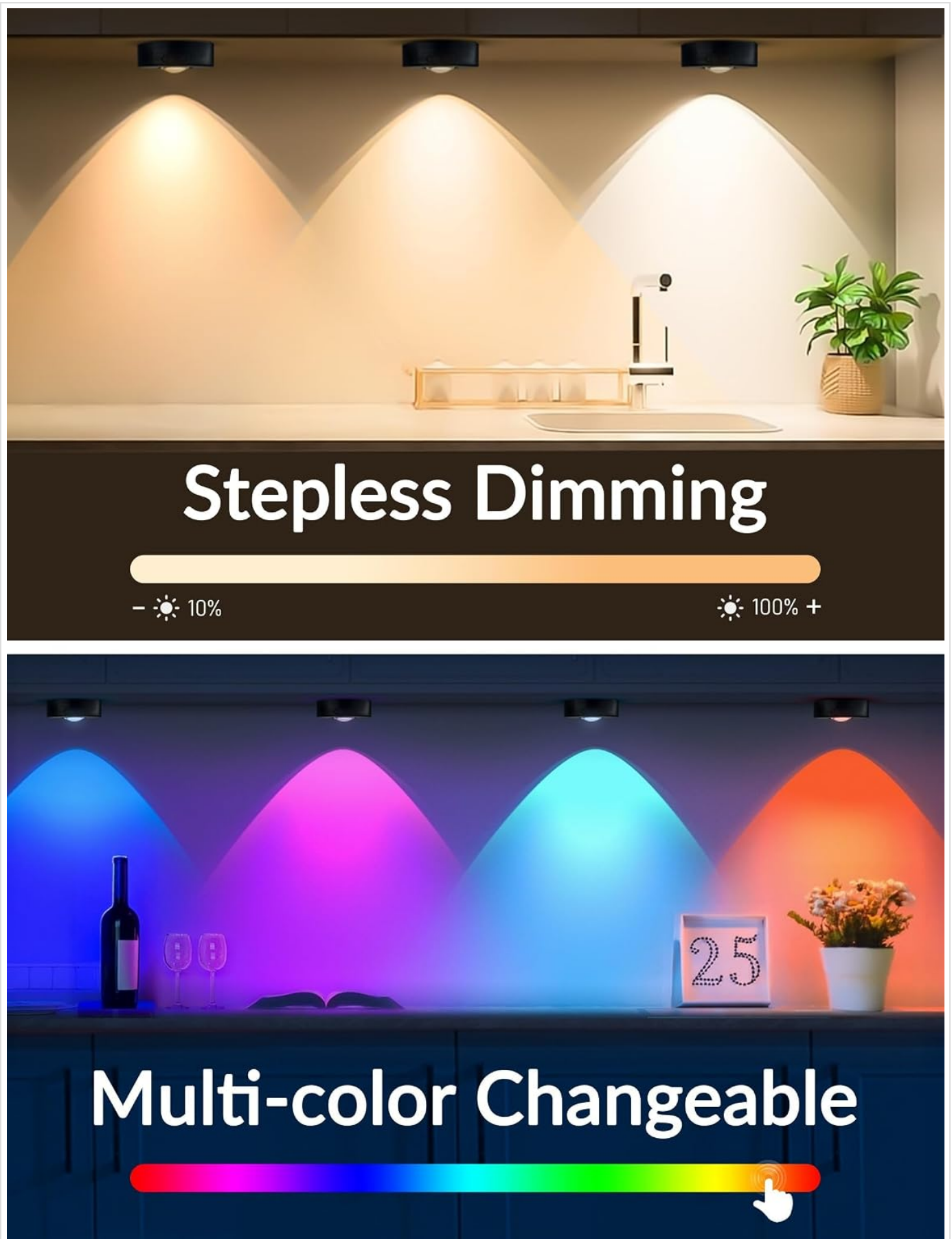


Image: Lights installed under a cabinet, demonstrating stepless dimming from 10% to 100% and various color options.

3. Changing Color Temperature (White Light Modes)

The lights offer three white light color temperatures: White, Warm White, and Warm.

- **Touch Control:** With the light ON, double-tap the front of the light to cycle through the three white color

temperatures.

- **Remote Control:** Press the dedicated **W** button on the remote to cycle through the white light modes.

4. Selecting RGB Colors

The lights feature 9 distinct RGB colors, plus dynamic modes.

- **Remote Control:** Use the colored buttons on the remote to select a specific RGB color.
- **Dynamic Modes:** The remote also includes buttons for "Slow Flash" and "Fast Flash" to cycle through the 9 RGB colors dynamically.

5. Timer Function

The lights have an intelligent timer function to automatically turn off after a set period.

- **Default Auto-Off:** The lights will automatically turn off after 2 hours if no timer is set.
- **Remote Control:** Press the **15min**, **30min**, or **60min** buttons on the remote to set a specific auto-off timer.



Image: A MERTTUM LED light providing soft illumination in a bedroom, highlighting the 15, 30, and 60-minute timing functions.

6. Memory Function

The lights will automatically remember the last brightness and color settings used when turned off and on again, eliminating the need to reconfigure settings each time.

Dual Control Lights

Sensitive Remote, Manual Ease

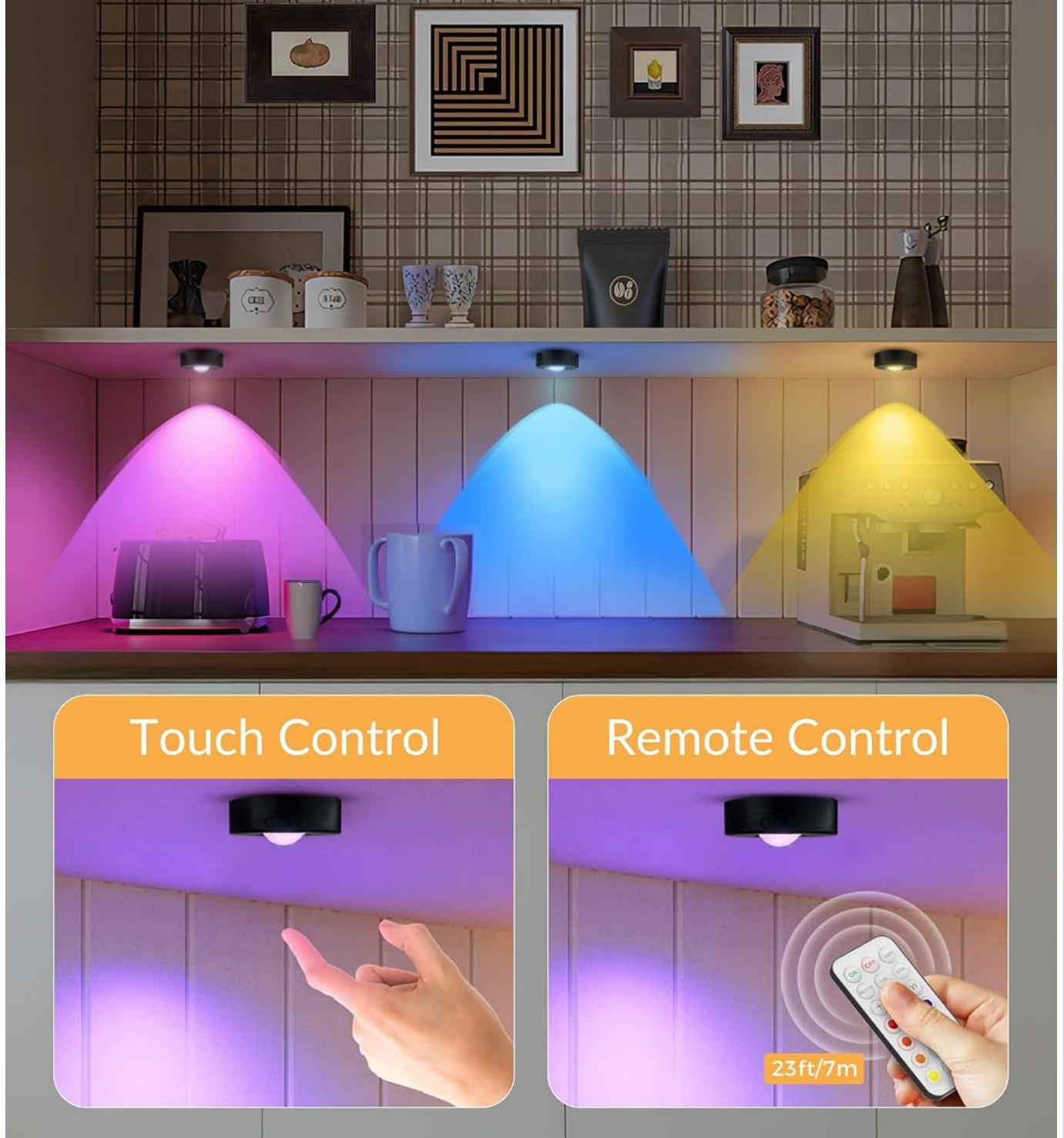


Image: A visual representation of the dual control methods (touch and remote) for the MERTTUM LED lights.

MAINTENANCE

- **Cleaning:** Wipe the lights with a soft, dry cloth. Do not use abrasive cleaners or solvents.

- **Battery Care:** To prolong battery life, avoid fully discharging the lights frequently. Recharge them when brightness noticeably diminishes. If storing for a long period, charge them every 3-6 months.
- **Storage:** Store the lights in a cool, dry place when not in use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	Battery is depleted. Side switch is OFF.	Charge the light. Ensure the side switch is in the "ON" position.
Remote control not working.	Remote battery is low. Obstruction between remote and light. Light's side switch is OFF.	Replace remote battery (if applicable, usually CR2025 or similar). Ensure clear line of sight within 7 meters. Ensure the light's side switch is ON.
Light falls off after installation.	Surface not clean/dry. Adhesive not pressed firmly enough. Surface material too heavy/uneven.	Clean and dry surface thoroughly before applying adhesive. Press adhesive firmly for 30 seconds. Consider a more secure mounting method if the surface is unsuitable.
Brightness is too low.	Battery is low. Brightness setting is low.	Charge the light. Increase brightness using touch control or remote.

WARRANTY AND SUPPORT

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

APPLICATION EXAMPLES

The versatile design of the MERTTUM RGB LED Spot Lights allows for various applications:

- Under-cabinet lighting in kitchens
- Wardrobe and closet illumination
- Display case and shelf accent lighting
- Stairway and hallway night lights
- Creating ambient lighting in living rooms or bedrooms

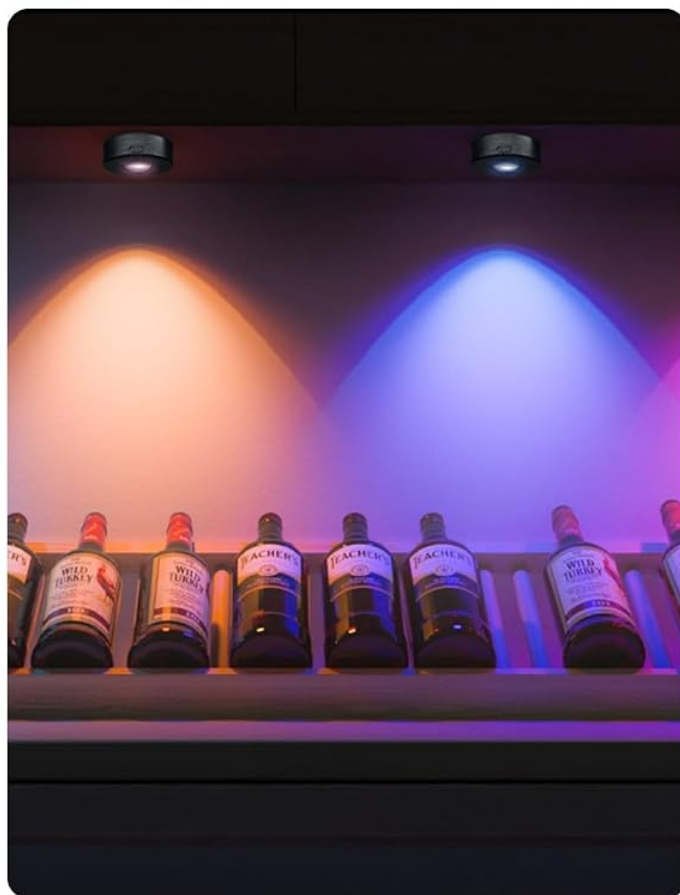


Image: Examples of the MERTTUM LED lights installed in a wardrobe, kitchen, display cabinet, and above a wine rack, showcasing their versatility.

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Question

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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