2.4G LED LIGHT REMOTE CONTROLLER

User Manual

1. Introduction

This 2.4G RF remote controller is designed for use with compatible dimmable and color-temperature-adjustable LED lighting products. It provides wireless, precise control over light on/off, brightness, and color temperature, with multip le preset modes for different scenes.

2. Pairing Instructions (2.4G RF)

This remote uses 2.4G RF technology for stable, wall-penetrating control. To p air with your light:

Power on the light within pairing range.

Within 3 seconds of powering on, press and hold the ON button (or follow the pairing steps of your specific light).

The light will blink once to confirm successful pairing.

The remote is now ready for use.

Note: Multiple lights can be paired to one remote, or multiple remotes can con trol one light.

3. Operation Guide

Power Control: Press ON to turn the light on; press OFF to turn it off.

Adjust Brightness: Use the sun icon buttons to increase/decrease brightness, or select a preset level (100%, 80%, 60%, 40%, 20%).

Adjust Color Temperature: Use the COOL/WARM buttons on the dial, or selec t a preset color mode (Cool, Bright, Neutral, Soft, Warm).

Night Light Mode: Press the crescent moon button to activate the low-brightne ss night light setting.

4. Specifications

Frequency: 2.4GHz RF

Control Distance: Up to 30 meters (open area)

Battery: 2 x AAA batteries (not included)

Operating Temperature: 0°C ~ 40°C

Compatible Lights: 12-24V DC LED lights with 2.4G receiver

5.Safety and Maintenance

Do not expose the remote to high temperatures, direct sunlight, or water.

Remove batteries if the remote will not be used for a long time to prevent leak age.

Clean the remote with a soft, dry cloth; do not use alcohol or chemical cleaner s.

Keep the remote away from strong electromagnetic interference sources (e.g., microwave ovens, routers).

FCC Warning

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any inte rference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interferenceto radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.