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› Pomelotree G312 Remote Control for Single Color LED Light Strip Controller User Manual

Pomelotree G312

Pomelotree G312 Remote Control for Single Color LED Light Strip Controller

User Manual

INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your Pomelotree G312 Remote Control for single color LED light strip controllers. Please read this manual thoroughly before use to ensure proper function and safety.

SAFETY INFORMATION

- Ensure the power supply is disconnected before installation or maintenance.
- Do not expose the remote control to moisture or extreme temperatures.
- Use only with compatible single color LED light strips and power adapters (DC 5V-24V).
- Keep batteries out of reach of children.

PACKAGE CONTENTS

Verify that all components are present:

- 1x Pomelotree G312 Remote Control
- 1x Inline LED Controller (integrated with cable)
- 1x CR2025 Battery (pre-installed or separate)

Two ways to adjust LED lights

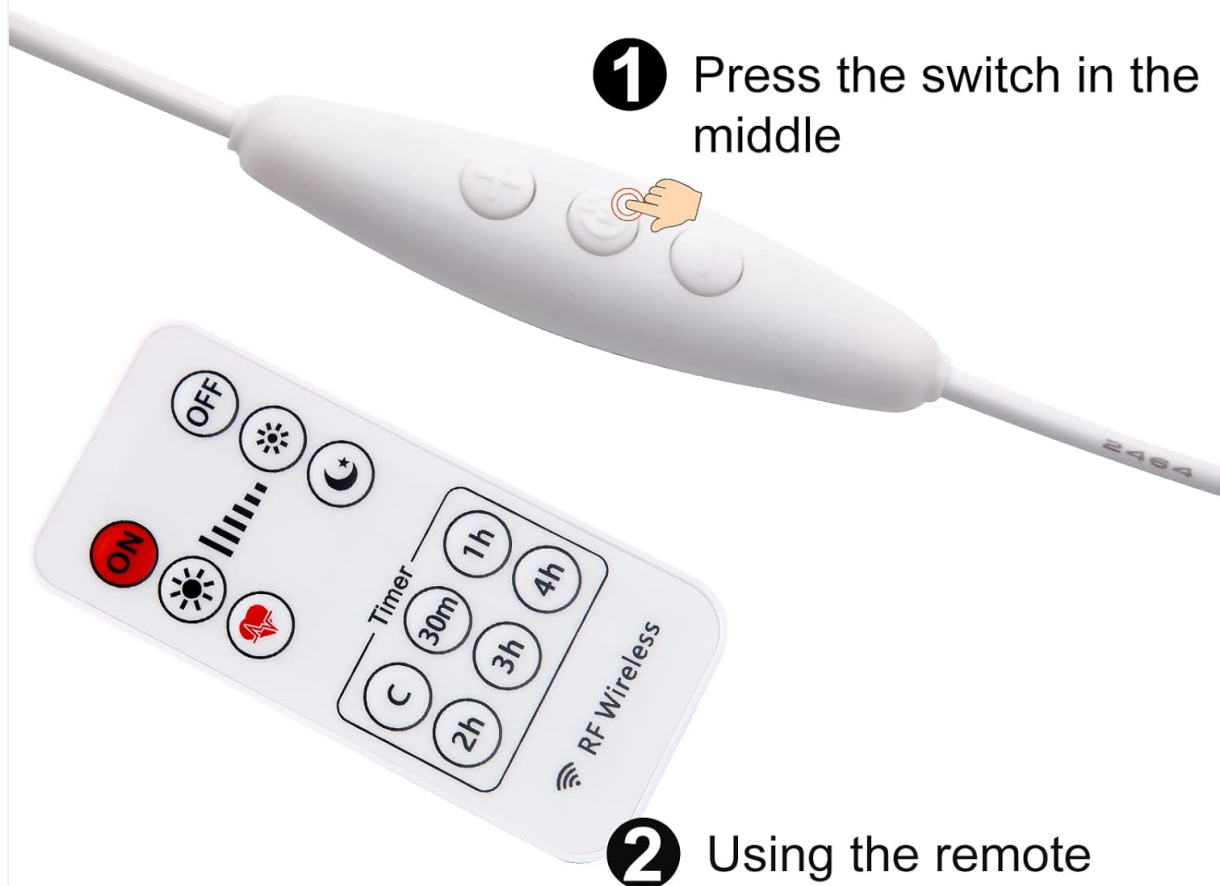


Image: The Pomelotree G312 remote control and its integrated inline controller, ready for connection to an LED strip and power supply.

PRODUCT OVERVIEW

The Pomelotree G312 system consists of an RF wireless remote control and an inline controller. The remote allows for convenient adjustment of your single color LED strip lights.

REMOTE CONTROL



Make LED Dimmable



Flash mode



Night mode



Cancel the timing

- Remove the film before use

Image: A detailed view of the remote control, highlighting each button and its corresponding function for LED light adjustment.

Remote Control Button Functions:

- **ON/OFF:** Turns the LED lights on or off.
- **Brightness Adjustment:** Buttons with sun icons (brighter/dimmer) adjust the LED light intensity.
- **Flash Mode:** Button with a heart icon activates dynamic flashing modes.
- **Night Mode:** Button with a moon and star icon sets the lights to a low brightness suitable for night.
- **Timer (30m, 1h, 2h, 3h, 4h):** Sets the lights to automatically turn off after the selected duration.
- **Cancel Timing (C):** Deactivates any active timer setting.

SETUP

Follow these steps to connect your LED light strip controller:

1. **Prepare the LED Strip:** Ensure your single color LED light strip is ready for connection.
2. **Connect LED Strip to Controller:** Connect the output end of the inline controller (the end with the smaller DC connector) to your LED light strip. Ensure the polarity is correct if applicable.

3. **Connect Power Adapter:** Connect a compatible DC 5V-24V power adapter (not included) to the input end of the inline controller (the end with the larger DC connector).
4. **Remove Battery Film:** If the remote control has a protective film over the battery compartment, gently pull it out before first use.

How to connect ?



Image: A visual guide demonstrating the correct connection sequence for the LED light strip, the inline controller, and the power adapter.



Image: This image illustrates the DC connector, the CR2025 battery compartment, and the process of removing the protective film from the battery before initial use.

OPERATING INSTRUCTIONS

The LED lights can be adjusted in two ways: using the inline controller or the remote control.



Image: This image demonstrates the two primary methods for controlling the LED lights: directly pressing the switch on the inline controller, or using the dedicated remote control.

Using the Inline Controller:

Press the switch located in the middle of the inline controller to cycle through basic functions (e.g., On/Off, brightness levels).

Using the Remote Control:

- **Power On/Off:** Press the **ON** or **OFF** buttons.
- **Adjust Brightness:** Use the **sun icon buttons** to increase or decrease the light intensity (10 levels of adjustment).
- **Change Mode:** Press the **heart icon button** to activate different dynamic flashing modes.
- **Night Mode:** Press the **moon and star icon button** for a low-light setting.
- **Set Timer:** Select a duration (30m, 1h, 2h, 3h, 4h) to automatically turn off the lights. The controller has an automatic shutdown memory function.
- **Cancel Timer:** Press the **"C" button** to cancel any active timer.

The remote control uses RF Wireless technology, allowing for 360° control without needing to point directly at the sensor.

360° control from any direction

Any direction can be remotely controlled without pointing to the sensor



Image: A user operating the remote control in a living room, illustrating its 360-degree control functionality which does not require direct line-of-sight to the receiver.

BATTERY INSTALLATION/REPLACEMENT

The remote control uses a CR2025 button cell battery.

1. Locate the battery compartment on the back of the remote control.
2. Slide the battery tray out.
3. Insert a new CR2025 battery with the positive (+) side facing up.
4. Slide the battery tray back into the remote until it clicks into place.

Note: Dispose of used batteries responsibly.

TROUBLESHOOTING

- **Lights not turning on:**
 - Check if the power adapter is properly connected and receiving power.
 - Ensure the LED strip is correctly connected to the controller.

- Verify the remote control battery is installed correctly and has sufficient charge. Remove and reinsert the battery.
- **Remote not responding:**
 - Replace the CR2025 battery.
 - Ensure there are no obstructions between the remote and the inline controller (though RF is less sensitive to this).
- **Lights flickering or inconsistent:**
 - Check power supply voltage and current to ensure it meets the LED strip's requirements and the controller's specifications (DC 5V-24V, Max 12A).
 - Ensure all connections are secure.

SPECIFICATIONS

Model Number:	G312
Working Voltage:	DC 5V-24V
Max Current:	12A
Connectivity:	RF Wireless
Compatible Devices:	Single Color LED Light Strips
Remote Battery Type:	CR2025 Button Cell

MAINTENANCE

- Clean the remote control and controller with a soft, dry cloth.
- Do not use harsh chemicals or abrasive cleaners.
- Store in a cool, dry place when not in use for extended periods.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact Pomelotree customer service through the retailer where the product was purchased.