

[Manuals.plus](#) /

› [LGIDTECH](#) /

› LGIDTECH FUT035W+ MiBoxer 2 in 1 LED Strip Controller WiFi+2.4G, Smartphone APP Control Directly, Compatible with Amazon Echo Alexa Google Home Voice Control User Manual

LGIDTECH FUT035W+

LGIDTECH FUT035W+ MiBoxer 2-in-1 LED Strip Controller User Manual

Model: FUT035W+

1. INTRODUCTION

This manual provides detailed instructions for the LGIDTECH FUT035W+ MiBoxer 2-in-1 LED Strip Controller. This versatile controller supports both WiFi and 2.4G communication, allowing for smartphone app control and compatibility with popular voice assistants like Amazon Alexa and Google Home. It is designed to manage both dual white (WW+CW) and single color LED strip lights.

2. PRODUCT FEATURES

- Smartphone APP control directly, no extra WiFi controller hub or gateway needed.
- Compatible with Amazon Echo Alexa and Google Home for voice control.
- Works with two types of LED strip lights: WW+CW dual white LED strip light with 3 wires, and single color LED strip light with 2 wires.
- Maximum output of 12A, supporting a maximum load of 144W for DC 12V LED strip lights and 288W for DC 24V LED strips.
- Remote Control Available: Compatible with MiBoxer/Mi-Light remote controllers such as FUT007, B1, B2, K1, K1-B, S1-W. (Remotes sold separately)

3. PACKAGE CONTENTS

- 1 x LGIDTECH FUT035W+ LED Strip Controller
- 1 x Remote Control (Note: Remote control may be included or sold separately depending on the specific product package.)

4. SPECIFICATIONS

2 in 1 LED Controller (WiFi + 2.4G)

One controller = dual function (dim brightness / dim color temperature)

Decrease the model number of your stock, manage stock easily



Product Name: 2 in 1 LED Strip Controller (WiFi+2.4G)

Model Number: FUT035W+

Sold by brand: LGIDTECH

Input Voltage: DC12~24V

Output: 12A/Channel

Total Output: Max 12A

Communication Protocol: WiFi+2.4GHz

2.4G RF Control Distance: 30meters=98ft

Working Temperature: -10~40°C

WiFi Standard: IEEE 802.11b/g/n 2.4GHz

Bluetooth Protocol: Bluetooth 4.2

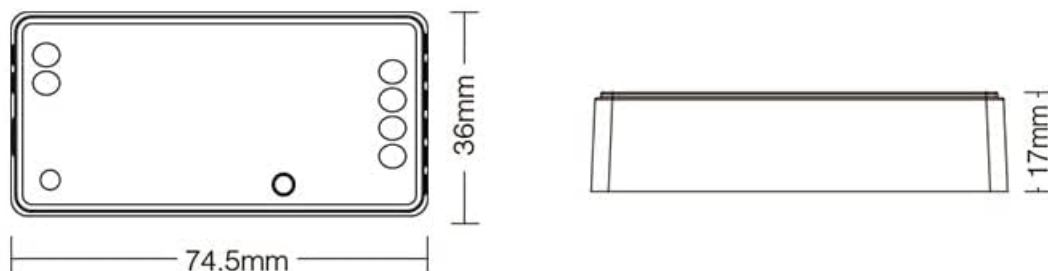


Figure 4.1: Controller Dimensions (74.5mm x 36mm x 17mm)

Specification	Value
Model Number	FUT035W+
Input Voltage	DC 12~24V

Output Current	12A/Channel
Total Output	Max 12A
Communication Protocol	WiFi + 2.4GHz
2.4G RF Control Distance	30 meters (98 ft)
Working Temperature	-10~40°C
WiFi Standard	IEEE 802.11b/g/n 2.4GHz
Bluetooth Protocol	Bluetooth 4.2 (low power consumption)
Product Dimensions (L x W x H)	2.95 x 1.42 x 0.67 inches
Item Weight	1.44 ounces

5. SETUP

5.1 Wiring Connections

Ensure all power is disconnected before making any connections. The controller supports both single color and dual white (WW+CW) LED strips. Connect the LED strip to the output terminals and the power supply to the input terminals as shown in the diagram below.

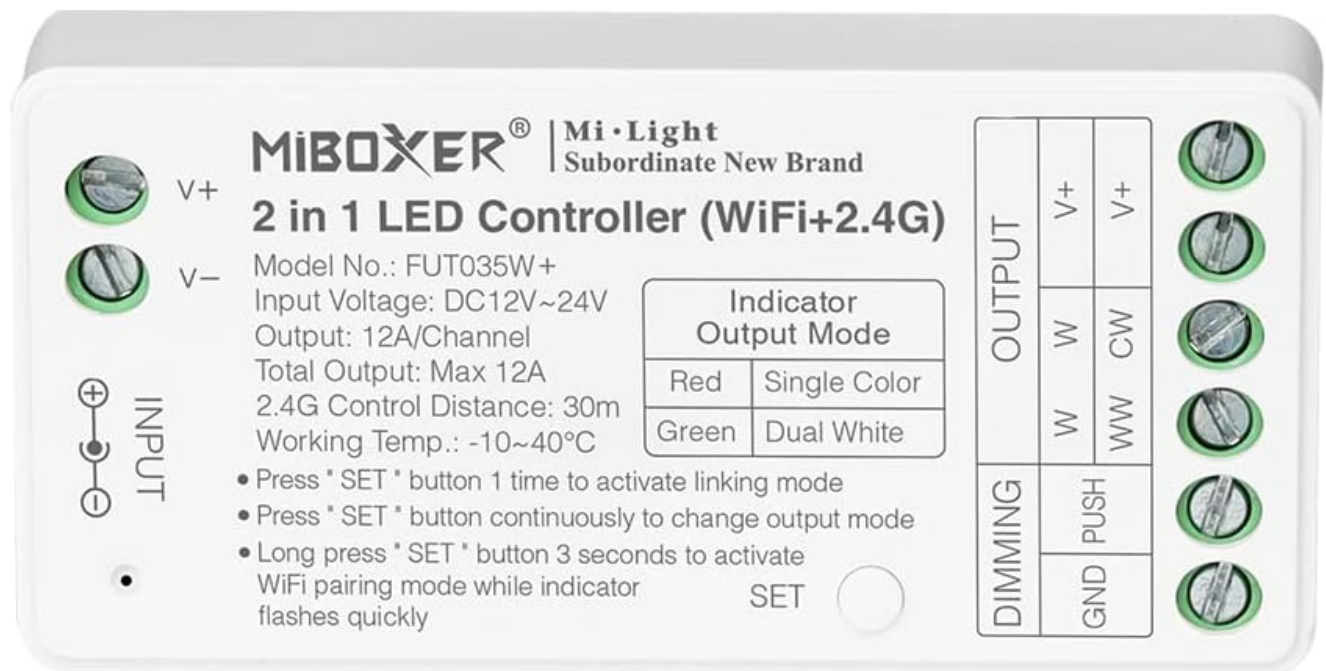


Figure 5.1: Controller Wiring Diagram

Input: Connect your DC 12V~24V power supply to the V+ and V- terminals.

Output:

- For **Single Color LED Strip**: Connect the positive (+) wire of the LED strip to the V+ output terminal and the negative (-) wire to the W output terminal.
- For **Dual White (WW+CW) LED Strip**: Connect the common positive (+) wire of the LED strip to the V+ output terminal. Connect the Warm White (WW) wire to the WW output terminal and the Cold White (CW) wire to the CW output terminal.

The controller also features a GND/PUSH terminal for optional push dimming functionality.

5.2 Initial Power On and Pairing

After wiring, connect the power supply. The controller's indicator light will show its status.

To activate linking mode or change output mode, use the 'SET' button on the controller:

- Press 'SET' button 1 time to activate linking mode.
- Press 'SET' button continuously to change output mode (Red for Single Color, Green for Dual White).
- Long press 'SET' button for 3 seconds to activate WiFi pairing mode while the indicator flashes quickly.

6. OPERATING INSTRUCTIONS

6.1 Smartphone App Control (Tuya Smart App)

The controller can be directly controlled via a smartphone app, eliminating the need for an additional 2.4GHz gateway. Download the 'Tuya Smart' app from your device's app store.

Signal transmitting

One LED controller can transmit the signals from the remote control to another LED controller within 30m, as long as there is a LED controller within 30m, the remote control distance can be limitless.

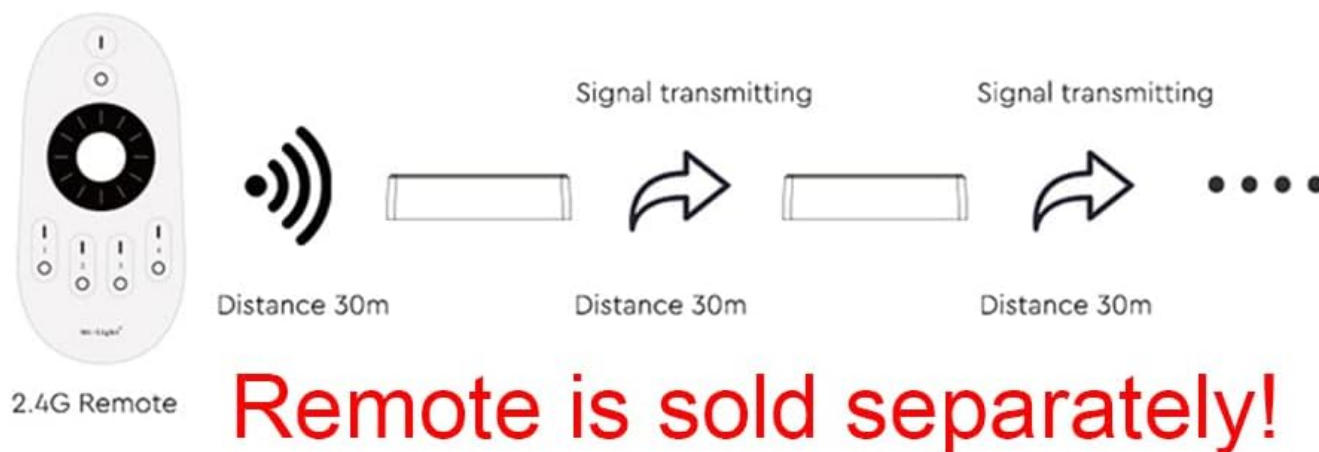


Figure 6.1: Tuya Smart App Interface

Follow the in-app instructions to add your FUT035W+ controller. Once connected, you can access various functions including:

- Timing setting
- Music rhythm synchronization
- Tap-to-Run & automation
- Do not disturb mode
- Scene customization
- Device sharing

6.2 Voice Control (Amazon Alexa, Google Home)

The controller supports third-party voice control through Amazon Alexa and Google Home. After setting up the controller in the Tuya Smart app, link your Tuya Smart account to your Amazon Alexa or Google Home app.

Signal transmitting

One LED controller can transmit the signals from the remote control to another LED controller within 30m, as long as there is a LED controller within 30m, the remote control distance can be limitless.

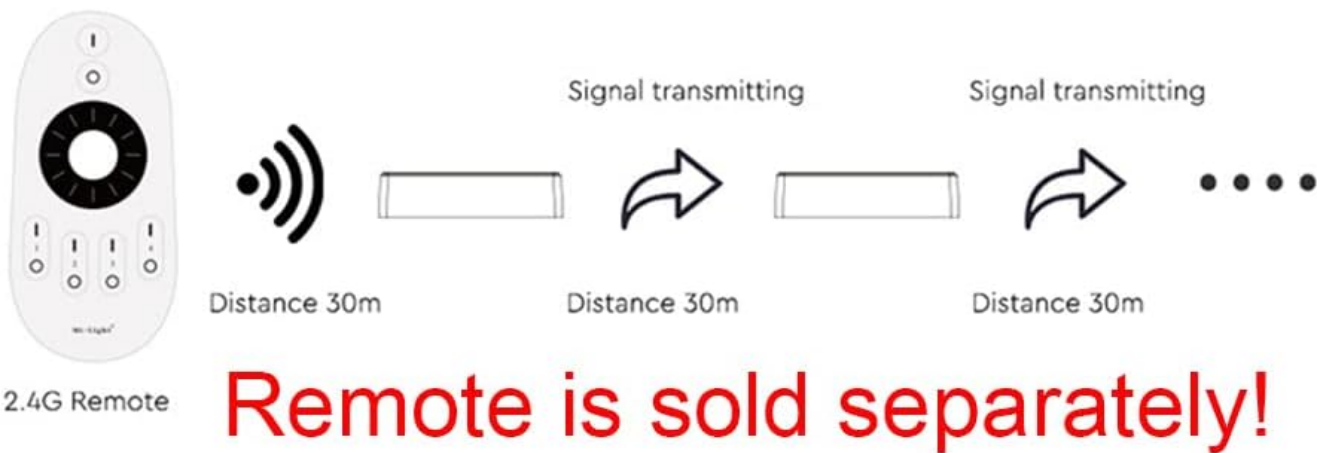


Figure 6.2: Voice Control Compatibility

You can then use voice commands to control the LED strip, such as turning it on/off, adjusting brightness, and changing color temperature (for dual white strips).

6.3 Remote Control (2.4G Mi-Light / MiBoxer Remotes)

The FUT035W+ controller is compatible with various Mi-Light / MiBoxer 2.4G series remote controllers (sold separately). These remotes offer functions like color temperature adjustment (2700K~6500K), stepless dimming, and frequency switching.

Switching 2 output mode via one button

Single Color / Dual White



All remote is sold separately

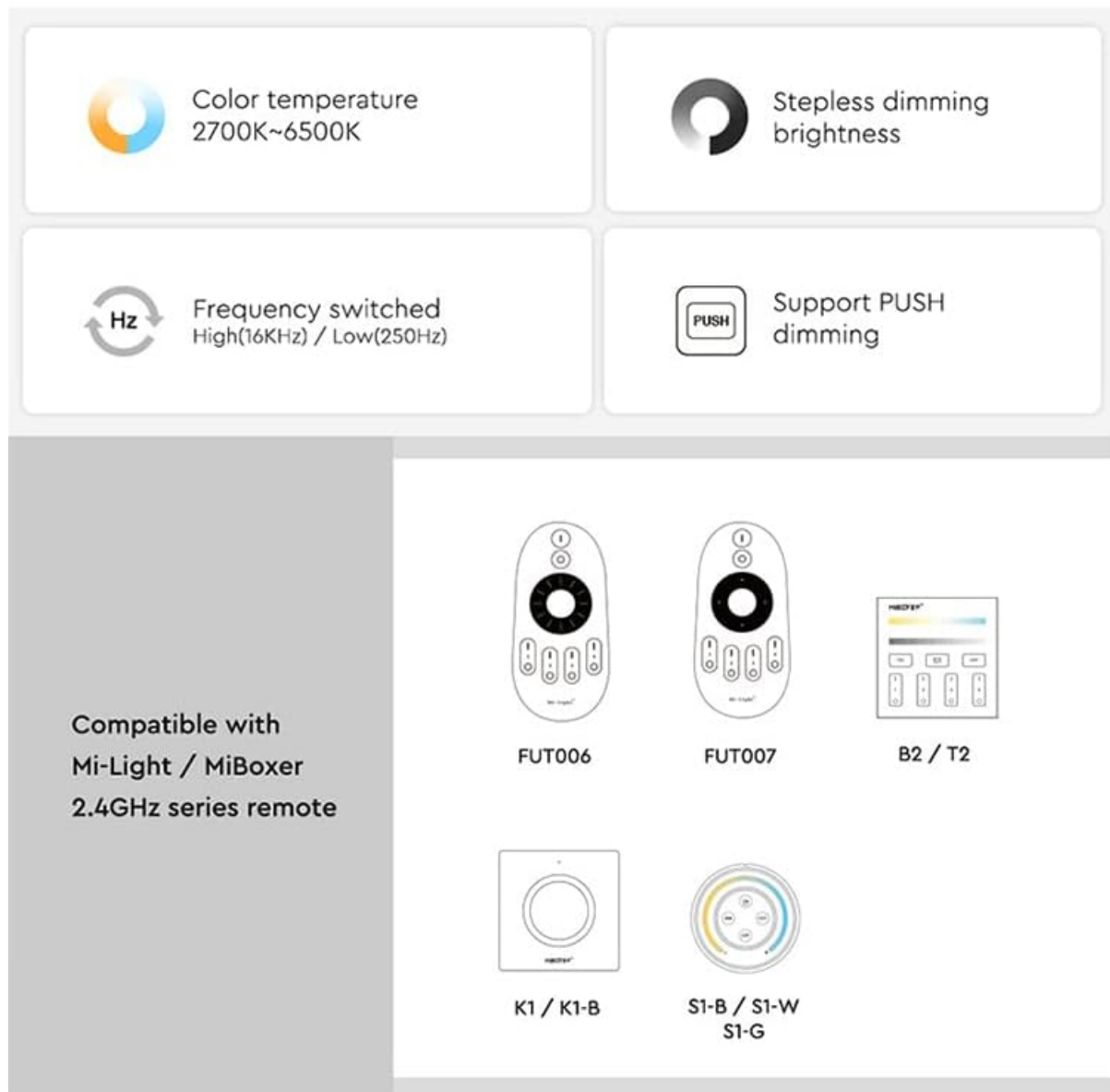


Figure 6.3: Compatible Remote Controllers

Refer to the specific remote control's manual for pairing instructions. Typically, pairing involves putting the controller into linking mode (short press SET button) and then performing a pairing action on the remote.

6.4 Signal Transmitting Function

One LED controller can transmit signals from a remote control to another LED controller within 30 meters. As long as there is an LED controller within 30 meters, the remote control distance can be extended, effectively making the control distance limitless through a mesh network of controllers.

[Tuya Smart] app control

No need 2.4GHz gateway to experience more functions



Timing setting



Music rhythm



Tap-to-Run & automation



Do not disturb mode



Scene customization



Device sharing



Support third party voice control

which can control ON/OFF, brightness, etc. through voice



Figure 6.4: Signal Transmitting Principle

7. MAINTENANCE

The LGIDTECH FUT035W+ LED Strip Controller requires minimal maintenance. Follow these guidelines:

- Keep the controller in a dry environment, away from moisture and extreme temperatures.

- Clean the exterior with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure proper ventilation around the controller to prevent overheating.
- Regularly check all wiring connections to ensure they are secure.

8. TROUBLESHOOTING

If you encounter issues with your LGIDTECH FUT035W+ controller, refer to the following common problems and solutions:

- **LED Strip Not Lighting Up:**
 - Check power supply connection and ensure it's providing the correct voltage (DC 12-24V).
 - Verify all wiring connections between the power supply, controller, and LED strip are correct and secure.
 - Ensure the LED strip itself is functional.
- **No App Control:**
 - Ensure your smartphone is connected to a 2.4GHz WiFi network.
 - Verify the controller is in WiFi pairing mode (indicator flashing quickly) during setup.
 - Check your router settings to ensure no firewalls or restrictions are blocking the connection.
 - Restart the controller by disconnecting and reconnecting power.
- **Remote Control Not Working:**
 - Ensure the remote control has fresh batteries.
 - Verify the remote is properly paired with the controller. Refer to the remote's manual for pairing instructions.
 - Check for obstructions between the remote and the controller.
- **Incorrect Color/Brightness:**
 - For dual white strips, ensure the controller's output mode is set correctly (Green indicator for Dual White).
 - Recalibrate or reset the controller if color or brightness issues persist.

If problems persist after attempting these solutions, please contact LGIDTECH customer support.

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the product packaging or contact LGIDTECH customer service directly through their official website or the retailer from whom the product was purchased. Please have your model number (FUT035W+) and purchase details ready when contacting support.

© 2024 LGIDTECH. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question