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TOPXCDZ Wifi Controller

TOPXCDZ WiFi LED Strip Controller User Manual

Model: Wifi Controller

Brand: TOPXCDZ

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your TOPXCDZ WiFi LED Strip Controller. This device allows you to control RGB LED strip lights via a mobile application, an included remote control, and voice commands through compatible smart home systems like Alexa and Google Home. Please read this manual thoroughly before use to ensure proper functionality and safety.

2. PACKAGE CONTENTS

Upon opening the package, you should find the following items:

- 1 x WiFi LED Controller (with music function)
- 1 x IR 24-Key Remote Control

Please note: The product package does not include a power adapter cord, power supply, LED light strips, or batteries for the remote control. These items must be purchased separately.



Image: The TOPXCDZ WiFi LED Strip Controller and its accompanying 24-key IR remote control.

3. PRODUCT FEATURES

- Unlimited Colors:** Access to 16 million colors and various multi-modes, including gradual color changing and jumping color changing. Customize and dim to any color.
- APP Control:** Control your LED strip lights using a mobile phone, tablet, or other devices with built-in Wi-Fi, enabling smart home integration.
- Music Synchronization:** Features a smart music mode with a built-in high-sensitive microphone, allowing lights to dance to ambient sound and create a dynamic atmosphere.
- Voice Control Compatibility:** Compatible with smart assistants like Alexa Echo and Google Home for convenient voice-activated control.
- Easy to Use:** Versatile controller compatible with various LED strip light types (e.g., 3528, 5050, 2835).



works with
amazon alexa

works with
Google Home



Image: The WiFi LED Strip Controller demonstrating compatibility with Magic Home app, Amazon Alexa, Google Home, and IFTTT for smart control options.

4. SPECIFICATIONS

Feature	Detail
Model	WiFi+IR 24Key Remote RGB LED Music Controller
Input Voltage	DC 5-24V
Max Output Power	100W
Connection Mode	Common Anode (+)
Working Temperature	-20°C to 55°C (-4°F to 131°F)
Controller Dimensions (L*W*H)	53mm x 24mm x 11mm (approx. 2.09 x 0.94 x 0.43 inches)
Remote Control Dimensions	124mm x 40mm (approx. 4.88 x 1.57 inches)
Item Weight	2.24 ounces
Control Method	App, IR Remote, Voice Control (Alexa, Google Home)

Feature	Detail
Material	Metal, Polycarbonate
Indoor/Outdoor Usage	Indoor

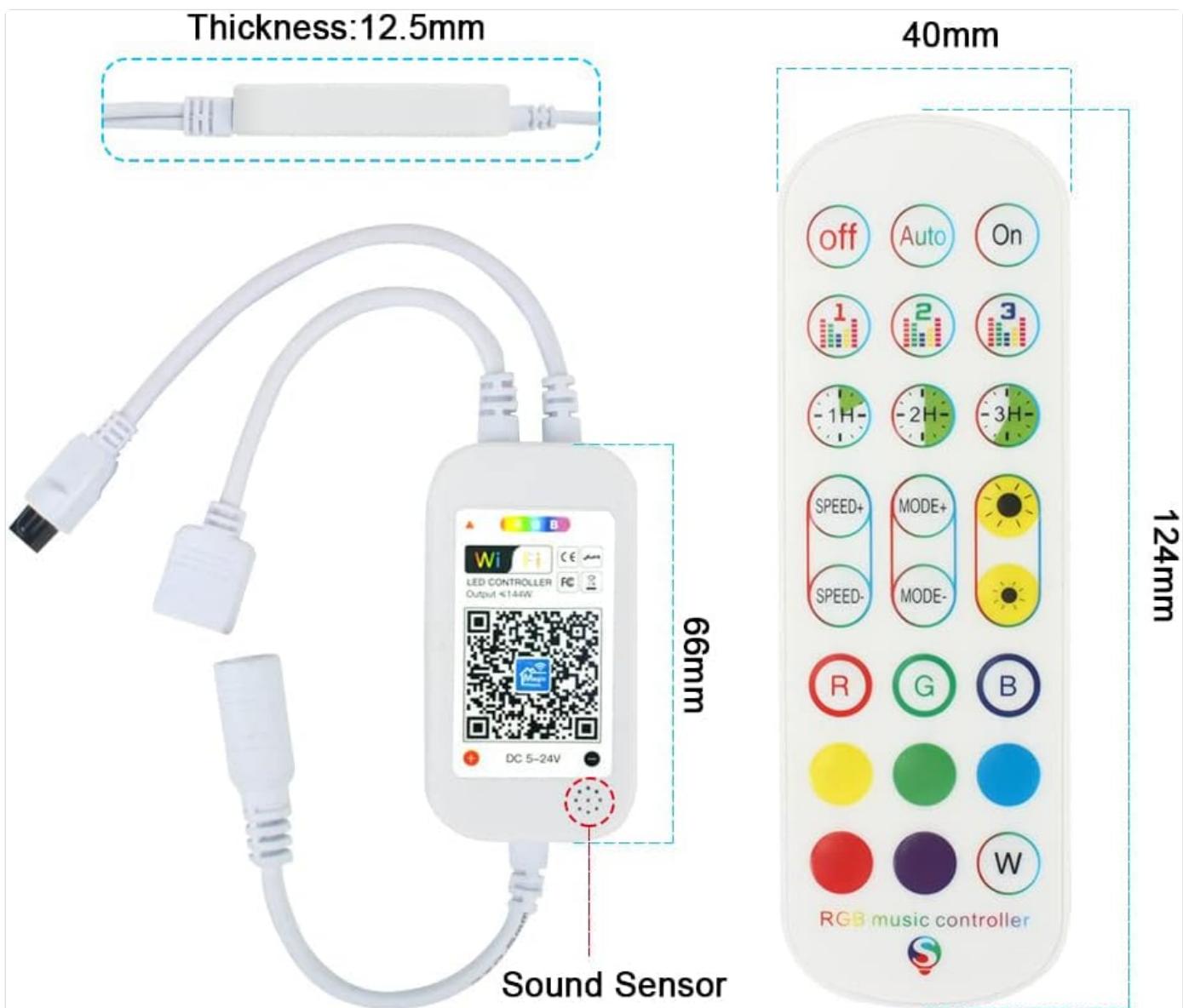


Image: Detailed dimensions of the WiFi LED Strip Controller (66mm length, 12.5mm thickness) and the remote control (124mm length, 40mm width), highlighting the sound sensor on the controller.

5. SETUP INSTRUCTIONS

5.1 Physical Connection

1. Ensure all components (LED strip, power supply, controller) are disconnected from power before making connections.
2. Connect your 4-pin RGB LED strip to the output port of the WiFi LED Controller **Important: Ensure that the red arrow on the controller's connector aligns with the black arrow on the LED strip's connector. Incorrect alignment can cause a short circuit and damage the device.**
3. Connect a compatible DC 5-24V power supply (not included) to the input port of the WiFi LED Controller.
4. Insert batteries into the IR remote control (batteries not included).
5. Once all connections are secure, connect the power supply to an electrical outlet.



Image: Diagram illustrating the correct connection of the LED strip to the controller, emphasizing the alignment of arrows on the connectors to prevent short circuits.

5.2 App Download and Pairing

1. Download the "Magic Home Pro" app from your smartphone's app store (iOS or Android) or by scanning the QR code located on the controller or by visiting the official download link:
<http://app.magichue.net/download/mgchomepro/AppDown.aspx>.
2. Open the Magic Home Pro app and register or log in.
3. Ensure your phone's Wi-Fi is enabled and connected to a 2.4GHz Wi-Fi network.
4. Power on the LED strip controller. The lights should flash, indicating pairing mode. If not, power cycle the controller (turn off/on) a few times until the lights flash.
5. In the app, follow the on-screen instructions to add a new device. The app will guide you through connecting the controller to your home Wi-Fi network.

6. Once successfully paired, you can rename your device for easier identification.

6. OPERATING INSTRUCTIONS

6.1 Remote Control Operation

The included 24-key IR remote control provides quick access to basic functions:

- **Off/On:** Power the lights off or on.
- **Auto:** Activates an automatic cycle of dynamic modes.
- **Music Activation Mode (1, 2, 3):** Select different music synchronization modes.
- **Timing Mode (1H, 2H, 3H):** Set a timer for the lights to turn off after 1, 2, or 3 hours.
- **Speed Increase/Decrease:** Adjust the speed of dynamic modes.
- **Brightness Dimming:** Adjust the brightness level.
- **Dynamic Mode:** Cycle through various pre-programmed dynamic lighting effects.
- **9-Key Static Mode (R, G, B, W, Yellow, Cyan, Purple, Orange, Light Blue):** Select specific static colors, including pure white.

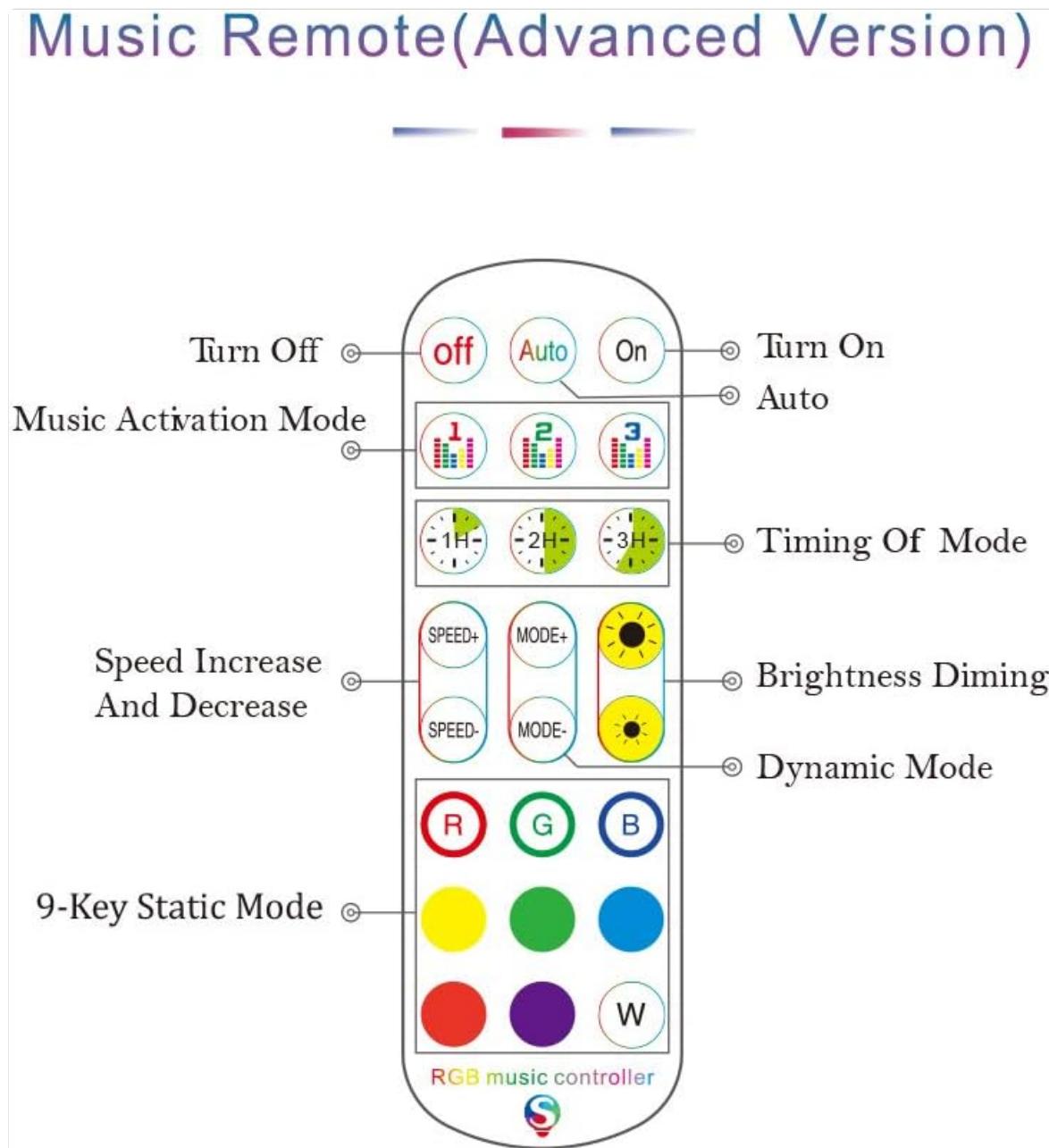


Image: A detailed diagram of the 24-key IR remote control, labeling each button with its corresponding function, such as power, auto mode, music modes, timing,

6.2 App Control

The Magic Home Pro app offers advanced control features:

- **Color Selection:** Choose from 16 million colors using a color wheel or predefined palettes.
- **Brightness Adjustment:** Precisely dim or brighten your lights.
- **Dynamic Modes:** Access a wider range of dynamic lighting effects and customize their speed and intensity.
- **Music Mode:** Utilize the controller's built-in microphone or your phone's microphone to sync lights with music.
- **Timer Function:** Schedule lights to turn on/off at specific times.
- **DIY Modes:** Create and save your own custom lighting scenes and effects.

6.3 Voice Control

Integrate your controller with Amazon Alexa or Google Home for hands-free control:

1. Ensure your controller is successfully paired with the Magic Home Pro app and connected to your Wi-Fi network.
2. Open the Alexa or Google Home app on your smartphone.
3. Enable the "Magic Home" skill/service within the respective app.
4. Link your Magic Home Pro account to your Alexa or Google Home account.
5. Discover devices. Your LED strip controller should appear.
6. You can now use voice commands such as:
 - "Alexa/Hey Google, turn on [Device Name]"
 - "Alexa/Hey Google, set [Device Name] to red"
 - "Alexa/Hey Google, dim [Device Name] to 50%"

7. MAINTENANCE

- Keep the controller and remote clean by wiping with a dry, soft cloth.
- Avoid exposing the device to moisture, extreme temperatures, or direct sunlight.
- Do not attempt to disassemble or repair the device yourself, as this will void any potential warranty.
- Replace remote control batteries when necessary.

8. TROUBLESHOOTING

Problem	Possible Solution
Lights do not turn on.	<ul style="list-style-type: none">◦ Check if the power supply is correctly connected and receiving power.◦ Verify that the LED strip is properly connected to the controller, ensuring the red arrow on the controller's connector aligns with the black arrow on the LED strip's connector.◦ Ensure the power supply voltage (DC 5-24V) matches the controller's requirements.◦ Check if the remote control batteries are inserted correctly and have sufficient charge.
Remote control is not working.	<ul style="list-style-type: none">◦ Ensure there are no obstructions between the remote and the controller's IR receiver.◦ Replace the remote control batteries.

Problem	Possible Solution
App cannot find the device or connect.	<ul style="list-style-type: none"> Ensure your smartphone is connected to a 2.4GHz Wi-Fi network. The controller does not support 5GHz Wi-Fi. Power cycle the controller (turn off and on several times) to put it into pairing mode (lights should flash). Ensure your phone is close to the controller during the pairing process. Check your Wi-Fi router settings to ensure no restrictions are preventing new device connections.
Voice control (Alexa/Google Home) is not working.	<ul style="list-style-type: none"> Confirm the controller is successfully connected to the Magic Home Pro app. Verify that the "Magic Home" skill/service is enabled and linked in your Alexa/Google Home app. Ensure the device name used in voice commands matches the name set in the Magic Home Pro app. Try rediscovering devices in your Alexa/Google Home app.

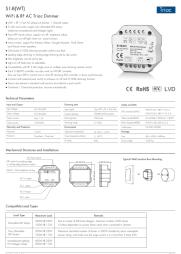
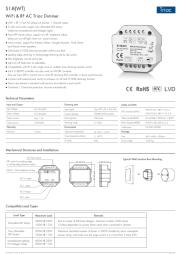
9. WARRANTY AND SUPPORT

Specific warranty details for this product are not provided in the available information. For warranty claims, technical support, or further assistance, please contact the seller or manufacturer directly through your purchase platform. Keep your purchase receipt as proof of purchase.

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Related Documents - Wifi Controller

 <p>WIFI LED STRIP LIGHTS MANUAL Simply make life smart and sweet, safe</p> <p>If you have any questions, please contact us in the following ways in time: www.ledlightsupport.co Amazon customer service window</p>	<p>WIFI LED Strip Lights Manual - Installation and App Connection Guide</p> <p>A comprehensive manual for WIFI LED Strip Lights, covering installation, app connection with Tuya Smart, Alexa integration, common commands, troubleshooting, and safety information. Learn how to set up and control your smart LED strip lights for optimal room ambiance.</p>
	<p>GHome Smart SL1 LED Strip Light: Installation and Features Guide</p> <p>Comprehensive guide for the GHome Smart SL1 LED strip light, covering parts, controller functions, app pairing, installation steps, main features, important notes, and safety warnings. Compatible with Alexa and Google Home.</p>
	<p>Govee H618A RGBIC LED Strip Lights User Manual</p> <p>Detailed user manual for the Govee H618A RGBIC LED Strip Lights, covering safety instructions, installation, app pairing, voice control, specifications, and troubleshooting.</p>

	<p>MOES Smart Dimmer Switch: Installation and User Guide</p> <p>User manual for the MOES Smart Dimmer Switch, detailing installation, setup, and operation. Features include app control via Smart Life/Tuya, voice commands with Alexa and Google Home, and single-pole/3-way configurations. Includes safety, troubleshooting, and warranty information.</p>
	<p>Skydance S1-B(WT) WiFi & RF AC Triac Dimmer: Technical Specifications and User Guide</p> <p>Detailed technical specifications, features, wiring diagrams, and installation instructions for the Skydance S1-B(WT) WiFi & RF AC Triac Dimmer, a smart lighting control solution.</p>
	<p>S1-B(WT) WiFi & RF AC Triac Dimmer: User Manual & Technical Guide</p> <p>Comprehensive user manual and technical guide for the S1-B(WT) WiFi & RF AC Triac Dimmer. Learn about installation, wiring, Tuya APP control, voice assistant integration, and technical specifications for smart lighting.</p>