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› [TOPXCDZ LED Smart WiFi Controller User Manual - Model 19b4a985-e0e6-4b38-ab98-4e50dfd0d6ab](#)

TOPXCDZ 19b4a985-e0e6-4b38-ab98-4e50dfd0d6ab

TOPXCDZ LED Smart WiFi Controller User Manual

Model: 19b4a985-e0e6-4b38-ab98-4e50dfd0d6ab

1. INTRODUCTION

This manual provides comprehensive instructions for the TOPXCDZ LED Smart WiFi Controller. This device allows you to control single color LED strip lights via a smartphone application, voice commands, and a remote control. It is compatible with Android and iOS devices, and supports integration with Amazon Alexa and Google Assistant for enhanced control.

Please read this manual carefully before installation and operation to ensure proper use and to maximize the product's functionality.



Image 1.1: TOPXCDZ LED Smart WiFi Controller with included user instruction sheet.

2. PRODUCT PARAMETERS

Parameter	Value
Category	LED Controller
Domination Principle	WiFi
APP	Magic Home Pro
Operation Platform	Android 6.0 or iOS 11.0 or later
Channels	Single Color
Input Voltage	DC 5-28V
Max Output Power	96W

Parameter	Value
Connect Method	Common Anode
Working Temperature	-20 to +55°C
Control Distance	Visible distance 30M
Certification	CE, RoHS, FCC
Net Weight	24g
Dimensions (L*B*H)	53mm * 24mm * 11mm

3. INSTALLATION AND SETUP

3.1. Wire Connection

Ensure all power is disconnected before making any connections. The controller connects between your power adapter and the LED strip light.



Image 3.1: Connection schematic diagram showing power adapter, controller, and LED strip.

- Connect the power adapter output to the input side of the WiFi controller.
- Connect the output side of the WiFi controller to your single color LED strip or other constant voltage lights.
- Ensure correct polarity (positive to positive, negative to negative) for all connections.

Set UP Step

1. Download the free APP by scanning the Bottom Left QR code free.
2. Install the device(s) and switch on the power.
3. Open Wi-Fi setting of smartphone and connect signal "LEDnetxxxxx".
4. Run "Magic Home Pro" APP and control Wi-Fi device(s).



Scan to download
Magic Home Pro free APP



Scan to read the
detailed user guide



Image 3.2: Close-up view of controller connections, indicating connection to transformer and light strip.

3.2. App Download and Installation

The controller operates using the "Magic Home Pro" application. You can download it by scanning the QR code or visiting the provided link.

IV. Instructions
How to connect the controller to Wi-Fi network?
Before Setting (Install the APP):

- a) Search for "Magic Home Pro" on the App store or Google Play Store, or scan the QR code to download it.
- b) (Important) Connect your phone to home wifi network (2.4GHz wifi only).
- c) Power on the device.

Now Setting:

- a) Register/Login your Magic Home account.

b) Open the App and Click on "+" button on top right corner, then select "connect device to Wi-Fi network". "Magic Home Pro" will ask you to enable bluetooth for direct connection to Wi-Fi router, please select "OK" to turn on the device bluetooth.

c) Select your device and add it to Wi-Fi router, Select the corresponding device from the pop-up list and follow the prompts to add the device to the router.

Remark: The device name can be modified after successfully connecting to router.

Scan the below QR code to download Magic Home free APP

APP

If there are any other questions, please scan the below QR code to see more detail operations

Instruction

Image 3.3: Instructions for downloading the Magic Home Pro app and connecting to Wi-Fi.

1. Download the free "Magic Home Pro" APP by scanning the QR code on the product packaging or manual, or by visiting <http://app.magichue.net/download/mgchomepro/AppDown.aspx>.
2. Install the device and switch on the power.

3.3. Connecting to Wi-Fi Network

To enable smart control features, connect the controller to your home Wi-Fi network (2.4GHz Wi-Fi only).

1. Open your smartphone's Wi-Fi settings and connect to the signal named "LEDnetxxxxx".
2. Run the "Magic Home Pro" APP.
3. Register or log in to your Magic Home account.
4. In the app, tap the "+" button on the top right corner, then select "connect device to Wi-Fi network".
5. The app will prompt you to enable Bluetooth for direct connection to Wi-Fi router. Confirm by selecting "OK" to turn on Bluetooth.
6. Select your device and add it to your Wi-Fi router. Follow the corresponding device from the pop-up list and complete the prompts to add the device to the router.

For a detailed user guide on app setup, scan the QR code provided in the manual or visit <https://faqsys.magichue.net:4489/wifi/controller/monochrome>.

4. OPERATING INSTRUCTIONS

4.1. Remote Control Functions

The controller may come with a remote control for basic functions. The remote control is configured by the manufacturer.

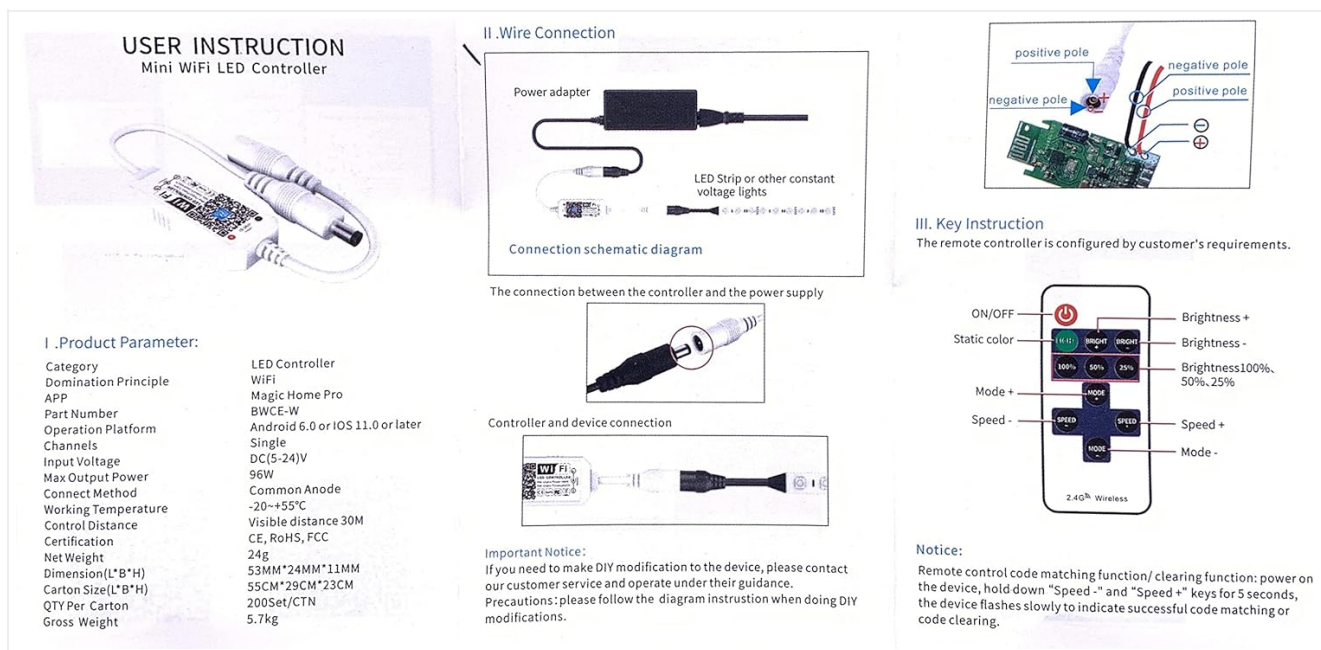


Image 4.1: Remote control layout with buttons for ON/OFF, brightness adjustment, static color selection, mode changes, and speed control.

- **ON/OFF:** Power on or off the LED strip.
- **Brightness +/-:** Adjust the light brightness.
- **Static Color Buttons:** Select preset static colors (if applicable for single color controllers, this might refer to different shades of white or intensity levels).
- **Brightness %:** Quick selection for 100%, 50%, 25% brightness.
- **Mode +/-:** Cycle through different lighting modes (e.g., flashing, fading).
- **Speed +/-:** Adjust the speed of dynamic lighting modes.

Remote Control Code Matching/Clearing: Power on the device, then hold down "Speed-" and "Speed+" keys for

5 seconds. The device flashes slowly to indicate successful code matching or clearing.

4.2. App Control

Once connected to the "Magic Home Pro" app, you can access advanced control features:

- **Brightness Adjustment:** Precisely control the brightness level of your LED strip.
- **Timer Mode:** Set schedules for your lights to automatically turn on or off at specified times.
- **Voice Control:** Integrate with Amazon Alexa or Google Assistant to control your lights using voice commands (e.g., "Alexa, turn on the lights", "Hey Google, dim the lights to 50%").
- **Remote Access:** Control your LED strip from anywhere using your smartphone, as long as both your phone and the controller are connected to the internet.

5. MAINTENANCE

The TOPXCDZ LED Smart WiFi Controller requires minimal maintenance. Follow these guidelines:

- Keep the controller in a dry environment, away from moisture and extreme temperatures.
- Avoid exposing the device to direct sunlight for prolonged periods.
- Clean the exterior with a soft, dry cloth if necessary. Do not use liquid cleaners or solvents.
- Ensure proper ventilation around the device to prevent overheating.

6. TROUBLESHOOTING

If you encounter issues with your TOPXCDZ LED Smart WiFi Controller, refer to the following troubleshooting steps:

Problem	Possible Cause	Solution
LED strip does not light up.	No power, incorrect wiring, faulty LED strip.	Check power adapter connection. Verify all wiring connections for correct polarity. Test LED strip with a different power source if possible.
Cannot connect to "LEDnetxxxxx" Wi-Fi.	Controller not powered on, out of range.	Ensure controller is powered. Move closer to the controller. Reset the controller by power cycling.
App cannot find the device after connecting to "LEDnetxxxxx".	Bluetooth not enabled, app permissions.	Ensure Bluetooth is enabled on your smartphone. Check app permissions for location and Bluetooth access.
Device fails to connect to home Wi-Fi (2.4GHz).	Incorrect Wi-Fi password, 5GHz network, weak signal.	Double-check Wi-Fi password. Ensure your router is broadcasting a 2.4GHz network. Move controller closer to the router.
Voice control not working.	Incorrect integration setup, device offline.	Verify that the controller is successfully linked in your Amazon Alexa or Google Home app. Ensure the controller is connected to Wi-Fi.
Remote control not responding.	Battery low/dead, remote not paired.	Replace remote battery. Perform remote control code matching as described in Section 4.1.

If issues persist, please refer to the support section for further assistance.

7. WARRANTY AND SUPPORT

7.1. Warranty Information

Please retain your proof of purchase for warranty claims. The warranty period and terms are subject to the retailer's policy where the product was purchased. For specific warranty details, please contact your point of purchase.

7.2. Customer Support

For technical support, troubleshooting assistance, or general inquiries, please contact TOPXCDZ customer service through the retailer's platform or refer to the official Magic Home Pro app support resources.

Additional resources and FAQs can be found at: <https://faqsys.magichue.net:4489/wifi/controller/monochrome>