

## Sumaote SUUSWD413

# Sumaote Single Color LED Strip Lights WiFi Controller User Manual

Model: SUUSWD413 | Brand: Sumaote

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Sumaote Single Color LED Strip Lights WiFi Controller. This device allows for smart control of your single-color LED strip lights (5050, 2835, COB) via a mobile application and voice commands, offering features such as brightness adjustment, on/off control, and timing functions.

## 2. SAFETY INFORMATION

- Ensure the power supply voltage (12V-24V) matches the controller and LED strip requirements.
- Do not expose the controller to moisture or extreme temperatures.
- Disconnect power before installation or maintenance.
- This product is designed for indoor use only.
- Keep out of reach of children.

## 3. PACKAGE CONTENTS

- 1 x WiFi Controller
- 1 x User Manual

## 4. PRODUCT OVERVIEW

The Sumaote WiFi Controller is designed to provide intelligent control over single-color LED strip lights. It supports both iOS and Android mobile devices and integrates with popular voice assistants like Alexa and Google Assistant. Key features include:

- **Brightness Adjustment:** Dimmable from 1% to 100%.
- **Remote Control:** Manage your lights from anywhere using the dedicated mobile application.

- **Voice Control:** Compatible with Alexa and Google Assistant for hands-free operation.
- **Timing Function:** Schedule automatic on/off times for your LED strips.
- **Group Control:** Organize and control multiple light strips simultaneously.



Figure 1: Sumaote WiFi LED Controller connected to an LED strip, with the accompanying smartphone app displaying brightness control.

## 5. SETUP INSTRUCTIONS

### 5.1 Physical Connection

1. Ensure all components (LED strip, controller, power supply) are compatible with 12V-24V DC.
2. Connect the LED strip to the output side of the WiFi controller.
3. Connect the power supply to the input side of the WiFi controller.
4. Plug the power supply into a suitable power outlet. The LED strip should illuminate.



Figure 2: Visual guide for connecting the LED strip to the controller and power supply.

## 5.2 App Download and Installation

The controller uses the "FVLTLED" application (also known as "Magic Home Pro").

- Scan the QR code on the controller or in the manual, or search for "FVLTLED" (or "Magic Home Pro") in the Google Play Store (for Android) or Apple App Store (for iOS).
- Download and install the application.
- Create an account or log in if you already have one.



Figure 3: Screenshots of the FVLTLED app interface, including download instructions and control options.

For direct download, visit: <https://faqsys.magichue.net:4489/wifi/page/download/FV01>

### 5.3 Device Pairing

1. Ensure your mobile device's Wi-Fi is enabled and connected to a 2.4 GHz network. 5 GHz networks are not supported by the LED controller.
2. Open the FVLTLED (Magic Home Pro) app.
3. If the LED strip is not pulsing, disconnect and reconnect the power supply 4-5 times until the lights begin to flash, indicating pairing mode.
4. In the app, tap the "Add Device" or "+" icon.
5. The app should detect the "LEDnetXXXXXX" device. Select it.
6. Enter your Wi-Fi network password when prompted.
7. Once connected, you will be prompted to name your device (e.g., "Desk Light", "Kitchen Counter").

## 6. OPERATING INSTRUCTIONS

### 6.1 Brightness Adjustment

Within the app, you can adjust the brightness of your LED strip from 1% to 100% using a slider or a circular control interface.



Figure 4: Illustration of brightness levels from 25% to 100% for the LED strip.

## 6.2 On/Off Control

Use the power icon within the app to turn your LED strip lights on or off instantly.

## 6.3 Timer Function

Set schedules for your lights to automatically turn on or off at specific times. This feature is accessible within the app's timer settings.



Figure 5: The app's timer function allows for scheduled operation of the LED lights.

## 6.4 Voice Control Integration

The controller is compatible with Amazon Alexa and Google Assistant. After pairing the device with the app, link your FVLTLED (Magic Home Pro) account to your voice assistant application (e.g., Alexa app, Google Home app). You can then use voice commands such as:

- "Alexa, turn [Light name] on."
- "Hey Google, turn [Light name] off."
- "Alexa, set [Light name] to 50%."

# BE ANYWHERE CONTROL EVERYWHERE

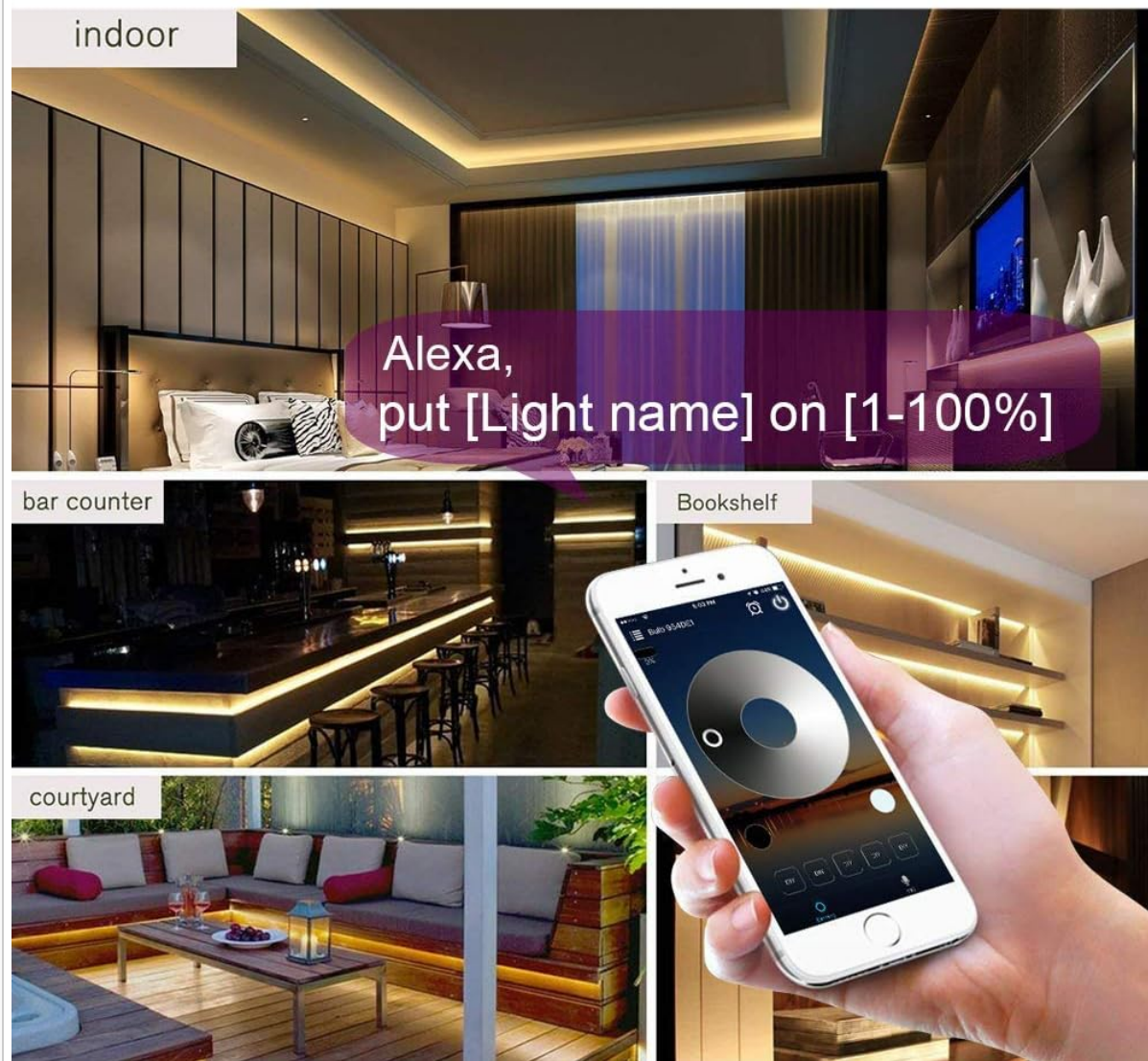


Figure 6: Examples of environments where the controller can be used, highlighting voice control functionality.

## 6.5 Group Control

The application allows you to group multiple Sumaote WiFi controllers to control them simultaneously or individually. This is useful for managing lighting in different rooms or areas.

# Grouping control

The APP can group and control multiple light strips



Figure 7: The app's group control feature for managing multiple LED light strips across different areas.

## 7. MAINTENANCE

- Keep the controller clean and free from dust. Use a dry, soft cloth for cleaning.
- Avoid placing the controller in direct sunlight or near heat sources.
- Regularly check all connections to ensure they are secure.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
LED strip not lighting up.	Incorrect power connection, faulty LED strip, or power supply issue.	Check all connections. Ensure power supply is working. Verify LED strip functionality.
Controller not connecting to Wi-Fi.	Incorrect Wi-Fi password, 5 GHz network selected, or controller not in pairing mode.	Ensure you are connected to a 2.4 GHz Wi-Fi network. Re-enter password carefully. Disconnect/reconnect power 4-5 times to enter pairing mode (lights will flash).

Problem	Possible Cause	Solution
Voice control not working.	App not linked to voice assistant, incorrect device name, or network issue.	Verify the FVLTLED (Magic Home Pro) account is linked in your Alexa/Google Home app. Check device name for consistency. Ensure stable internet connection.
Lights randomly turn off/on or lose connection.	Unstable Wi-Fi connection, interference, or power fluctuations.	Ensure the controller is within Wi-Fi range. Minimize interference from other devices. Check power supply stability.

## 9. SPECIFICATIONS

Feature	Detail
Model Number	SUUSWD413
Brand	Sumaote
Input Voltage	12V-24V
Max Wattage	96 watts
Control Method	Wi-Fi (2.4 GHz), Mobile App (iOS/Android), Voice Control (Alexa, Google Assistant)
Special Features	1%-100% Brightness Adjustable, Group Control, Timer
Compatible LED Strips	Smd2835, Smd5050, COB (Single Color)
Indoor/Outdoor Usage	Indoor
Product Dimensions	12.32 x 0.95 x 0.48 inches
Item Weight	1.13 ounces

## 10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the product packaging or contact Sumaote customer service directly. Keep your purchase receipt for warranty claims.