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muvit iO MIOLST002

muvit iO RGB+CCT 5m Wi-Fi LED Strip User Manual

Model: MIOLST002 | Brand: muvit iO

1. Introduction

The muvit iO RGB+CCT 5m Wi-Fi LED Strip is designed to enhance your indoor spaces with dynamic and customizable lighting. This LED strip offers a full spectrum of RGB colors, as well as tunable cool and warm white light (CCT). Featuring Wi-Fi connectivity, it can be controlled via the muvit iO Home application, allowing for color changes, scene programming, and music synchronization. The strip is 5 meters long, divisible, and includes adapters for corners and assembly, making it adaptable to various installation needs. It is also compatible with popular voice assistants like Google Assistant and Amazon Alexa for convenient control.

2. Safety Warnings

- **Indoor Use Only:** This LED strip is designed exclusively for indoor environments. Do not use it outdoors or in areas exposed to moisture.
- **Power Supply:** Use only the provided power adapter. Using an incompatible power supply may damage the product and void the warranty.
- **Cutting the Strip:** The LED strip is divisible at marked intervals. Only cut the strip at the designated cut marks to avoid damaging the circuit.
- **Installation Surface:** Ensure the installation surface is clean, dry, and smooth for proper adhesion. Avoid installing on rough or porous surfaces.
- **Heat Dissipation:** Do not cover the LED strip with materials that could impede heat dissipation, as this may lead to overheating.
- **Children and Pets:** Keep the product and its components out of reach of children and pets.
- **Disassembly:** Do not attempt to disassemble or modify the LED strip or its components, as this may result in electric shock or damage.

3. Package Contents

Please verify that all the following items are included in your package:

- 1 x muvit iO RGB+CCT 5m Wi-Fi LED Strip
- 3 x Assembly Adapters
- 5 x Corner Adapters
- 1 x Power Adapter (not explicitly listed but implied for operation)
- 1 x User Manual (this document)



Image 3.1: Product packaging illustrating key features and included components.

4. Setup and Installation

Follow these steps to install your muvit iO LED Strip:

1. **Plan Your Layout:** Before peeling the adhesive, unroll the LED strip and plan where you want to install it. The strip is 5 meters long and can be cut at designated marks to fit your space. Use the included corner and assembly adapters for complex layouts.
2. **Attach Adapters (Optional):** If you need to cut the strip or navigate corners, use the provided assembly and corner adapters. Ensure the pins on the adapter align correctly with the copper contacts on the LED strip.



Image 4.1: A close-up view of an LED strip connector adapter.

3. **Clean the Surface:** Thoroughly clean the surface where the LED strip will be installed. Ensure it is dry and free of dust, grease, or any debris that could prevent proper adhesion.
4. **Apply the LED Strip:** Peel off the protective backing from the 3M adhesive tape on the back of the LED strip. Carefully press the strip onto the prepared surface, applying firm and even pressure along its entire length.



Image 4.2: The muvit iO LED strip coiled, highlighting its flexibility and adhesive backing.

5. **Connect to Power:** Connect the LED strip to the power adapter, then plug the power adapter into a suitable electrical outlet.
6. **Download the App:** Download the 'muvit iO Home' application from the App Store (iOS) or Google Play Store (Android).
7. **Pair the Device:** Open the muvit iO Home app and follow the on-screen instructions to add and pair your new LED strip. This typically involves putting the device into pairing mode (often by cycling power) and connecting it to your home Wi-Fi network.

5. Operating Instructions

Once installed and paired, you can operate your muvit iO LED Strip using the muvit iO Home app or voice commands.

5.1 Basic Operation

- **Power On/Off:** Use the app or voice commands to turn the LED strip on or off.
- **Brightness Adjustment:** Adjust the brightness level from 1% to 100% via the app.
- **Color Selection:** Choose from millions of RGB colors or select warm white, cool white, or a combination (CCT) to suit your mood or activity.

5.2 Music Synchronization

The LED strip features a music sensor that allows the lights to change color in sync with sound. To activate this feature:

1. Open the muvit iO Home app.

2. Navigate to the LED strip's control interface.
3. Locate and activate the 'Music' option. The lights will then respond to any sound detected, whether from your smartphone or another source.



Image 5.1: The LED strip shown with the muvit iO Home app interface on a smartphone.

6. App Control (muvit iO Home)

The 'muvit iO Home' application provides comprehensive control over your LED strip and other muvit iO smart devices.

- **Color and Brightness:** Adjust colors, color temperature (warm to cool white), and brightness levels.
- **Scene Management:** Choose from pre-set lighting scenes or create and customize your own scenes to match different moods or activities.
- **Scheduling:** Program the LED strip to turn on/off or change settings at specific times.
- **Device Grouping:** Link multiple muvit iO devices within the app for unified control, simplifying your smart home experience.
- **Compatibility:** The app is available for both Android and iOS devices.

7. Voice Control

The muvit iO RGB+CCT 5m Wi-Fi LED Strip is compatible with Google Assistant and Amazon Alexa, allowing for hands-free control using simple voice commands.

7.1 Connecting to Voice Assistants

Refer to the muvit iO Home app's integration section or the respective voice assistant app (Google Home, Amazon Alexa) for instructions on linking your muvit iO account and devices.

7.2 Example Voice Commands

- "Hey Google, turn on the LED strip."
- "Alexa, set the LED strip to blue."
- "Hey Google, dim the LED strip to 50%."
- "Alexa, change the LED strip to warm white."
- "Hey Google, turn off the LED strip."

8. Maintenance

Proper maintenance ensures the longevity and optimal performance of your LED strip.

- **Cleaning:** Gently wipe the LED strip with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the strip.
- **Adhesive Care:** Avoid frequently repositioning the strip, as this can weaken the adhesive. If the adhesive loses its stickiness, consider using additional mounting clips (not included) for secure placement.
- **Storage:** If storing the LED strip, ensure it is clean and dry. Coil it loosely and store it in a cool, dry place away from direct sunlight.

9. Troubleshooting

If you encounter issues with your LED strip, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
LED strip does not turn on.	No power, loose connection, faulty power adapter.	Check if the power adapter is securely plugged into the outlet and the strip. Ensure the outlet is functional. Try a different outlet.
Cannot connect to Wi-Fi.	Incorrect Wi-Fi password, weak signal, device not in pairing mode, 5GHz Wi-Fi network.	Ensure you are entering the correct 2.4GHz Wi-Fi password. Move the strip closer to the router. Reset the strip to pairing mode (usually by cycling power 3 times). The device only supports 2.4GHz Wi-Fi.
Colors are incorrect or inconsistent.	Loose connection at adapters, faulty segment.	Check all adapter connections. If a segment is faulty, it may require replacement of the strip.
Music sync feature not working.	Music option not activated in app, low sound volume, microphone obstruction.	Ensure the 'Music' option is enabled in the muvit iO Home app. Increase the volume of the sound source. Ensure the device's microphone (if applicable) is not obstructed.

Problem	Possible Cause	Solution
Voice control not responding.	Incorrect voice commands, voice assistant not linked, Wi-Fi connectivity issues.	Use the exact commands listed in Section 7.2. Verify that your muvit iO account is correctly linked to Google Assistant or Amazon Alexa. Check your Wi-Fi connection.

10. Specifications

Feature	Detail
Brand	muvit iO
Model Number	MIOLST002
Product Dimensions (L x W x H)	500 x 2 x 1 cm (5 meters long)
Weight	395 g
Material	Plastic
Color	Black (strip backing)
Light Type	LED (RGB+CCT)
Number of LEDs	150
Luminous Flux	1.2 lm
Average Lifespan	20,000 Hours
Special Features	Color Changing, Dimmable, Adjustable (CCT), Music Sensor
Connectivity	Wi-Fi (2.4GHz only)
Compatibility	muvit iO Home App (Android/iOS), Google Assistant, Amazon Alexa
IP Rating	IP65 (Note: This rating typically implies dust tight and protected against water jets, but the product description states 'For indoor use only'. Adhere to indoor use.)
Power Source	Battery Powered (Note: This contradicts 'Type de prise: Alimenté par batterie' and 'Composants inclus: Bande LED' which implies a power adapter. Assuming it means it's not directly mains powered but via an adapter, which is common for LED strips. The product description mentions 'Plug & Play' and 'easy to install' which implies a power adapter is included.)

11. Warranty and Support

For warranty information, please refer to the documentation provided with your purchase or contact your retailer. muvit iO offers local support and assistance for queries and feedback in Spanish and Portuguese. For English support, please refer to the muvit iO official website or contact their customer service channels.

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