

[Manuals.plus](#) /

› [hyrion](#) /

› hyrion Smart LED Light Strips 50 ft WiFi LED Light Instruction Manual

hyrion H-207WLG305-N

hyrion Smart LED Light Strips

MODEL: H-207WLG305-N

Introduction

The hyrion Smart LED Light Strips offer a versatile and dynamic lighting solution for your home. These 50ft WiFi-enabled LED strips feature sound-activated color changing capabilities, seamless integration with Alexa and Google Assistant for voice control, and music synchronization. Designed for easy installation and customizable ambiance, these lights are ideal for bedrooms, living rooms, and various home decor applications.

Safety Information

- **Indoor Use Only:** This product is designed exclusively for indoor environments. Do not expose to water or high humidity.
- **Power Source:** Use only the provided power adapter. Ensure the voltage matches your local power supply.
- **Installation:** Do not install the light strips in areas with extreme temperatures or near heat sources. Ensure proper ventilation.
- **Cutting:** Only cut the LED strip along the designated cutting marks. Cutting elsewhere may damage the strip.
- **Children and Pets:** Keep all components out of reach of children and pets to prevent accidental ingestion or damage.
- **Disposal:** Dispose of electronic waste responsibly according to local regulations.

Package Contents

Verify that all items are present in your package:

- 50ft LED Light Strip
- Power Adapter
- IR Receiver/Controller
- Remote Control
- Instruction Manual (this document)



Image: Overview of the hyrion Smart LED Light Strips package contents, showing the coiled LED strip, remote control, power adapter, and a smart speaker for scale.

Setup

1. Physical Installation

1. **Clean Surface:** Ensure the surface where you plan to install the LED strip is clean, dry, and free of dust or oil. This will ensure optimal adhesion.
2. **Measure and Plan:** Before peeling the adhesive, unroll the strip and plan your desired layout. Identify any corners or obstacles.
3. **Peel and Stick:** Carefully peel off the adhesive backing from the LED strip, section by section, and firmly press the strip onto the desired surface.
4. **Cutting (Optional):** If the strip is too long, cut it only at the designated cutting marks (indicated by a copper pad and scissor icon). Do not cut elsewhere, as this will damage the circuit.

Smart App Control

16 million colors to choose



Image: Example of LED strip lights installed along the ceiling and under furniture, demonstrating potential placement.

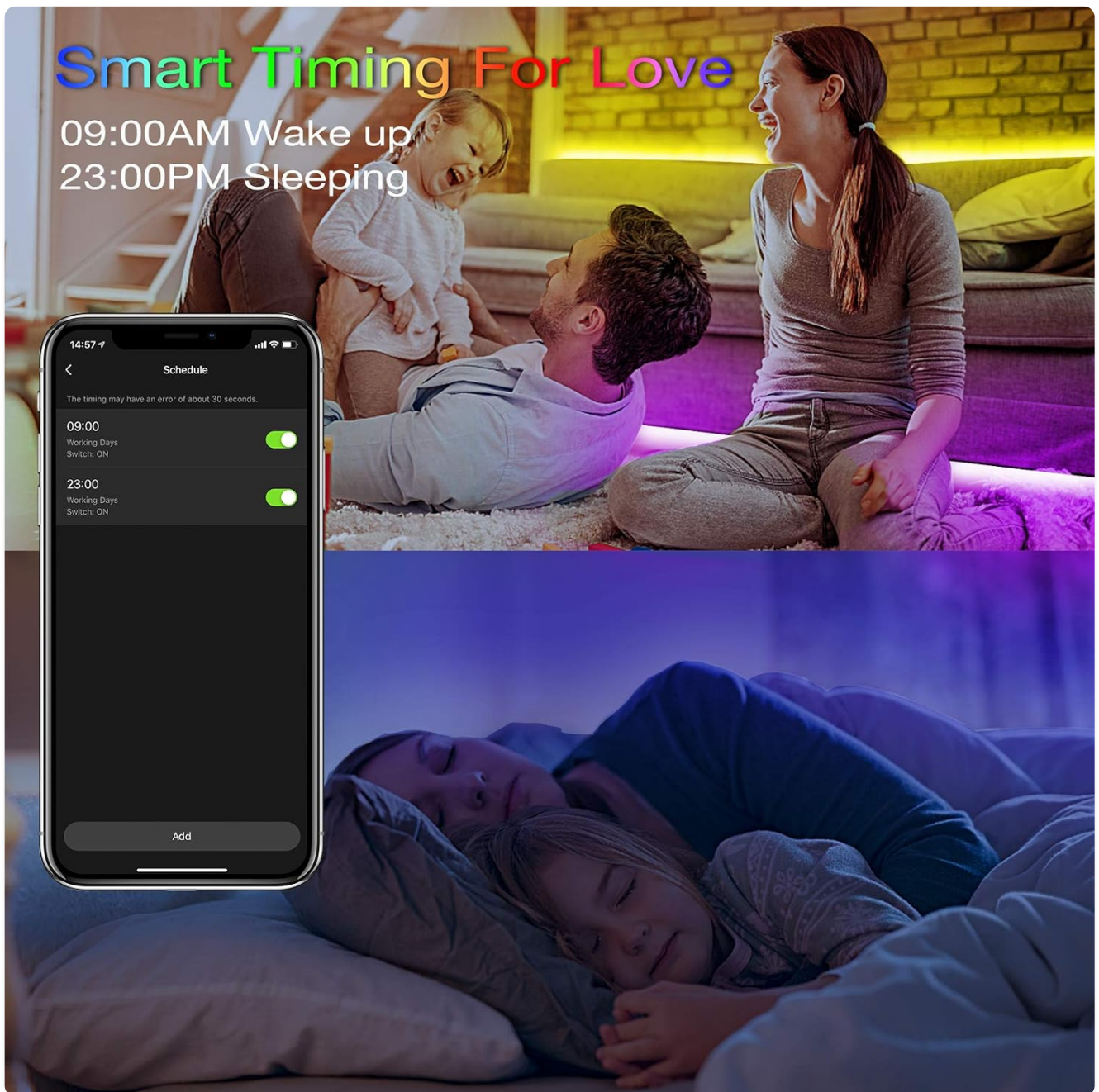


Image: A smartphone screen showing a schedule interface for the LED lights, with a family enjoying the lights and children sleeping, illustrating the timer function.

2. Connecting the Components

1. Connect the LED strip to the IR Receiver/Controller. Ensure the arrow on the strip connector aligns with the +24V mark on the controller connector.
2. Connect the power adapter to the IR Receiver/Controller.
3. Plug the power adapter into a standard wall outlet.

Easy Connection

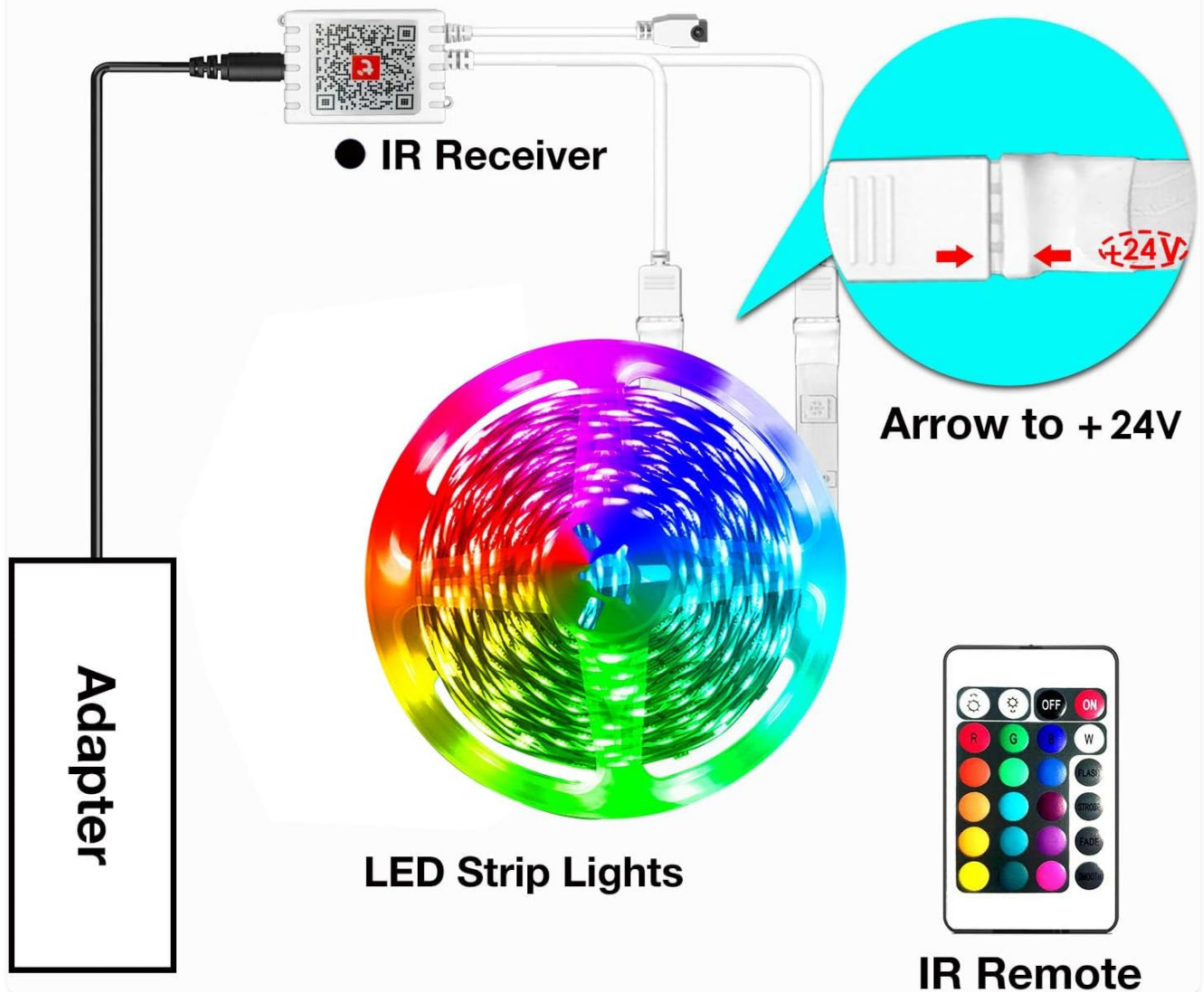


Image: A clear diagram illustrating the connection sequence: LED Strip to IR Receiver, IR Receiver to Adapter, and the IR Remote for control.

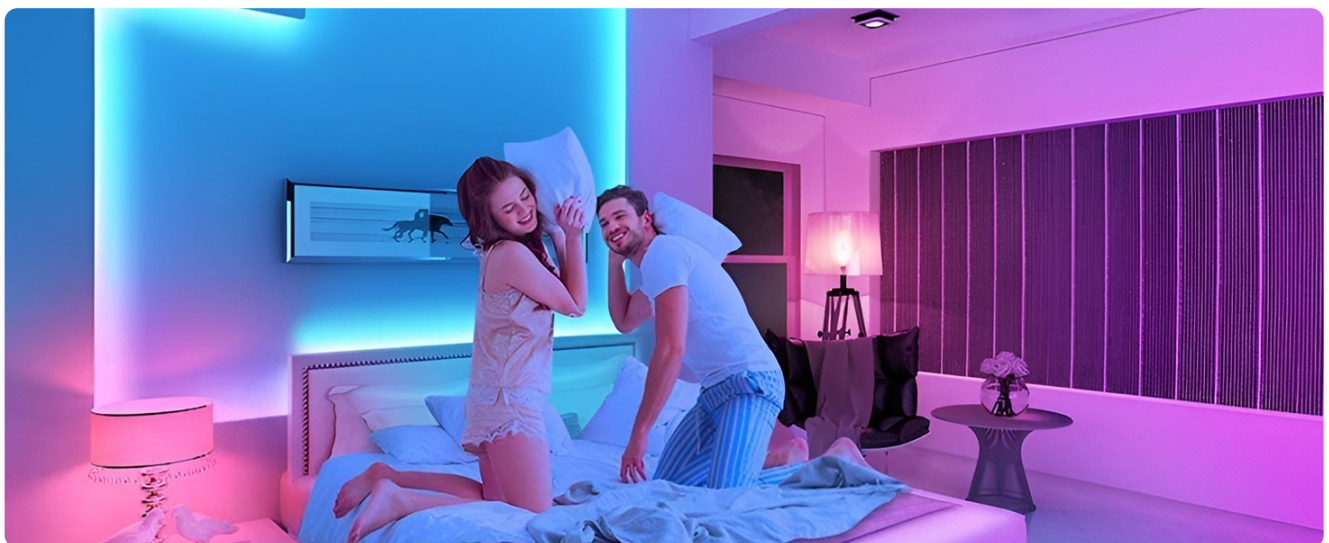


Image: Detailed view of the connector, highlighting the arrow that must align with the +24V mark for correct connection.

3. App Installation and Pairing (TuyaSmart APP)

1. Download the **TuyaSmart** app from the App Store (iOS) or Google Play Store (Android).

2. Register or log in to your TuyaSmart account.
3. Ensure your phone's Wi-Fi and Bluetooth are enabled.
4. Power on the LED strip. If the lights are not blinking, power cycle them 3 times (on-off-on-off-on) to enter pairing mode. The lights should blink rapidly.
5. In the TuyaSmart app, tap the "+" icon to add a device. The app should automatically discover the LED strip.
6. Follow the on-screen prompts to connect the device to your 2.4GHz Wi-Fi network.



Image: A series of smartphone screenshots detailing the steps for connecting the LED strip lights to the TuyaSmart app, including Wi-Fi and Bluetooth settings, device initialization, and adding the device.

4. Voice Control Setup (Alexa & Google Home)

1. Once your LED strip is successfully paired with the TuyaSmart app, open the Alexa or Google Home app.
2. Navigate to the "Skills & Games" (Alexa) or "Works with Google" (Google Home) section.
3. Search for and enable the "TuyaSmart" skill.
4. Link your TuyaSmart account when prompted.
5. Discover devices. Your LED strip should now appear and be controllable via voice commands.

Hands-Free Voice Control

Easy to control with voice commands



Image: Two individuals relaxing on a sofa, demonstrating hands-free voice control of the LED lights using a smart speaker, with speech bubbles indicating commands like "Alexa, turn on the light" and "Okay."

Operating the LED Light Strips

1. Remote Control Operation

The included IR remote control allows for basic functions:

- **Power On/Off:** Use the red power button.
- **Color Selection:** Press the colored buttons to change the light color.
- **Brightness Adjustment:** Use the up/down arrow buttons to increase or decrease brightness.
- **Mode Selection:** Buttons like FLASH, STROBE, FADE, SMOOTH control dynamic lighting effects.

2. Smart App Control

The TuyaSmart app provides extensive control over your LED strips:

- **16 Million Colors:** Access a full spectrum of colors via the color wheel.

- **Custom Scenes:** Create and save personalized lighting scenes for different moods or occasions.
- **Brightness and Saturation:** Fine-tune the intensity and vibrancy of colors.
- **Music Mode:** Activate the music synchronization feature.
- **Timer Function:** Set schedules for the lights to turn on/off automatically.



Image: A hand holding a smartphone, demonstrating the smart app control interface with a color wheel for selecting from 16 million colors and a brightness slider.

3. Music Sync Feature

The built-in microphone allows the LED strip to react to ambient sound and music:

- Open the TuyaSmart app and select the music mode.
- Play music or make sounds near the controller. The lights will change color and rhythmically with the audio.

Sync to your music

Dynamic music mode fire up your party

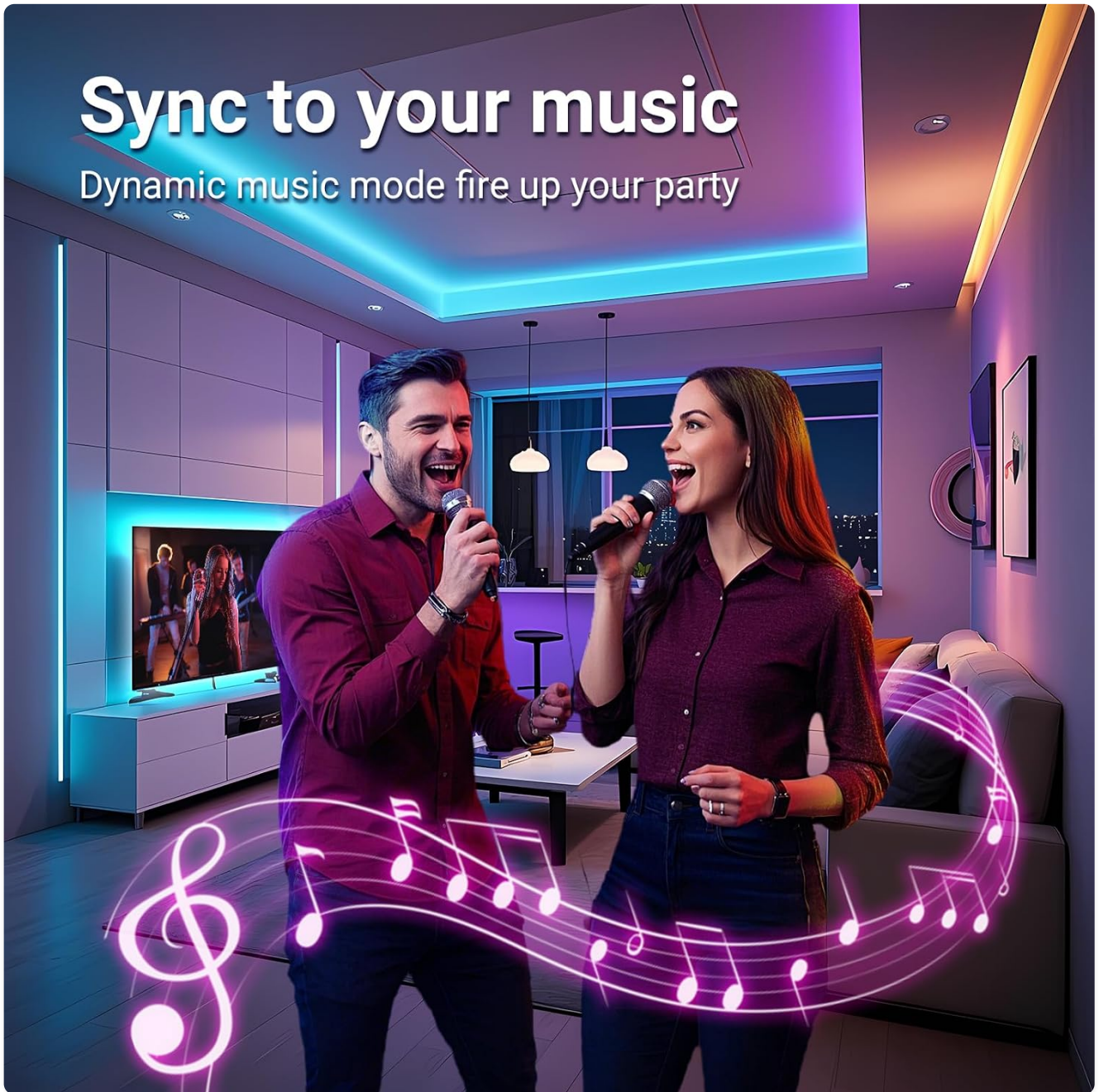


Image: Two individuals singing into microphones in a room illuminated by dynamic LED lights, illustrating the music synchronization feature.

Your browser does not support the video tag.

Video: A demonstration of the hyrion LED strip lights in action, showcasing various color changes and dynamic effects, highlighting the product's visual appeal and functionality.

4. Timer Setting

Automate your lighting with the timer function:

- In the TuyaSmart app, navigate to the timer or schedule section for your LED strip.
- Set specific times for the lights to turn on or off, for example, to wake up or go to sleep.
- You can also set recurring schedules for different days of the week.

Maintenance

- **Cleaning:** Gently wipe the LED strip with a dry, soft cloth to remove dust. Do not use liquid cleaners or abrasive materials.
- **Storage:** If storing the lights, ensure they are clean and dry. Coil them loosely and store in a cool, dry place

away from direct sunlight.

- **Adhesive:** If the adhesive weakens over time, additional adhesive clips or double-sided tape may be used to secure the strip.

Troubleshooting

Problem	Possible Cause	Solution
Lights do not turn on.	Power connection loose; power adapter faulty; strip damaged.	Check all connections. Ensure the power outlet is working. Test with another compatible power adapter if available.
Remote control not working.	Battery depleted; IR receiver blocked; remote out of range.	Replace remote battery. Ensure no obstacles are between the remote and the IR receiver. Point the remote directly at the receiver.
Cannot connect to Wi-Fi/App.	Incorrect Wi-Fi password; 5GHz Wi-Fi network; device not in pairing mode.	Ensure you are connecting to a 2.4GHz Wi-Fi network. Double-check Wi-Fi password. Power cycle the lights 3 times to enter pairing mode (rapid blinking).
Lights are dim or inconsistent.	Insufficient power; damaged section of strip.	Ensure the power adapter is correctly connected and providing sufficient power. Inspect the strip for any visible damage or bends.
Adhesive is not holding.	Surface not clean; unsuitable surface material; environmental factors.	Clean the surface thoroughly before application. For textured or porous surfaces, consider using additional adhesive clips or stronger double-sided tape.

Specifications

Feature	Detail
Brand	hyrion
Model Number	H-207WLG305-N
Color	Multicolor (RGB)
Length	50 feet
Light Source Type	LED
Power Source	Corded Electric
Voltage	12 Volts
Wattage	12 watts
Connectivity Technology	Wi-Fi
Controller Type	Alexa, Google Assistant, App Control
Special Features	Color Changing, Remote Controlled, Music Sync, Timer

Feature	Detail
Indoor/Outdoor Usage	Indoor
Water Resistance Level	Not Water Resistant
Material	Plastic

Warranty and Support

For warranty information and technical support, please contact hyrion customer service. Details can typically be found on the product packaging or the official hyrion website. Please retain your proof of purchase for warranty claims.

For further assistance, you may also refer to the product page on Amazon or contact Amazon customer support.

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

Email

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

Details

Submit question

Open the live page

<https://manuals.plus/asin/B08DQXNN5F>

More documents and user manuals: <https://manuals.plus/>