Lepro SE1

Lepro SE1 AI Smart LED Strip Lights (49.2ft) User Manual

Model: SE1

INTRODUCTION

Thank you for choosing the Lepro SE1 AI Smart LED Strip Lights. This manual provides detailed instructions for the installation, operation, and maintenance of your new LED strip lights. Please read this manual thoroughly before use to ensure proper functionality and safety.

PRODUCT OVERVIEW

Key Features

- **Lepro AI LightGPM:** Utilizes a large language model trained on color psychology and lighting design to create professional lighting effects.
- **16 Million RGB Color Changing:** Offers a wide spectrum of colors for diverse lighting environments.
- **AI Lighting Design Assistant:** Generates up to 10 lighting effects based on user input regarding activities or emotions.
- **Hands-Free Voice Control:** Compatible with Amazon Alexa and Google Assistant via 2.4GHz Wi-Fi for convenient control.
- **LightBeats AI Music Sync:** Synchronizes lighting with music rhythms using your phone's microphone for an immersive experience.
- **Easy Installation:** Features adhesive backing for mounting and includes screws and clips for additional security.
- **App Control:** Exclusively controlled via the Lepro app, offering advanced features and customization.

Important Note: The SE1 RGB strip light is not cuttable and not waterproof. It is designed for indoor use only. This product does not include a remote control; all advanced features are managed through the Lepro app.

WHAT'S IN THE BOX

- Light kit (includes LED strip, power adapter, and controller)

SETUP & INSTALLATION

Preparation

- Unroll the LED strip completely before powering it on to prevent overheating.
- Ensure the installation surface is clean, dry, and smooth for optimal adhesive performance.
- Plan the desired layout of the strip lights before installation.

Physical Installation

1. Clean the surface where the strip lights will be installed.
2. Peel off the adhesive backing from the LED strip.
3. Firmly press the strip onto the desired surface. For added security, use the provided mounting clips and screws.
4. Connect the LED strip to the controller, and then connect the controller to the power adapter.
5. Plug the power adapter into a standard electrical outlet.

LightGPM 4
Personalized AI Lighting Designer

Set a relaxing color

"Hey Lepro, set an action game scene"

Image: Lepro SE1 LED Strip Lights coiled on a reel, ready for installation.

Image: Example of Lepro SE1 LED Strip Lights installed under kitchen cabinets, providing ambient lighting.

App and Wi-Fi Connection

1. Download the **Lepro app** from your smartphone's app store (iOS or Android).
2. Register or log in to your Lepro account.
3. Follow the in-app instructions to add your SE1 LED Strip Lights. Ensure your phone is connected to a 2.4GHz Wi-Fi network during the pairing process.

4. Once connected, you can control your lights via the app.

OPERATING INSTRUCTIONS

Lepro App Control

The Lepro app is the primary interface for controlling your SE1 LED Strip Lights. It offers a wide range of functionalities:

- Turn lights on/off.
- Adjust brightness and color.
- Select preset scenes or create custom lighting effects.
- Set schedules and timers.
- Group multiple Lepro devices for synchronized control.

Image: The Lepro app interface displaying various control options for smart lighting.

AI Generated Lighting (LightGPM)

Leverage the LightGPM feature to generate unique lighting scenes:

- **Voice Prompt:** Simply tell the app your desired mood or activity (e.g., "Set a relaxing color," "Let's have a party," "Christmas light"), and the AI will suggest suitable lighting effects.
- **Photo Recognition:** Use your phone's camera within the app to capture the ambiance of a room, and the AI will generate lighting effects that complement the captured vibe.

Image: The LightGPM 4 interface demonstrating personalized AI lighting design through voice and photo prompts.
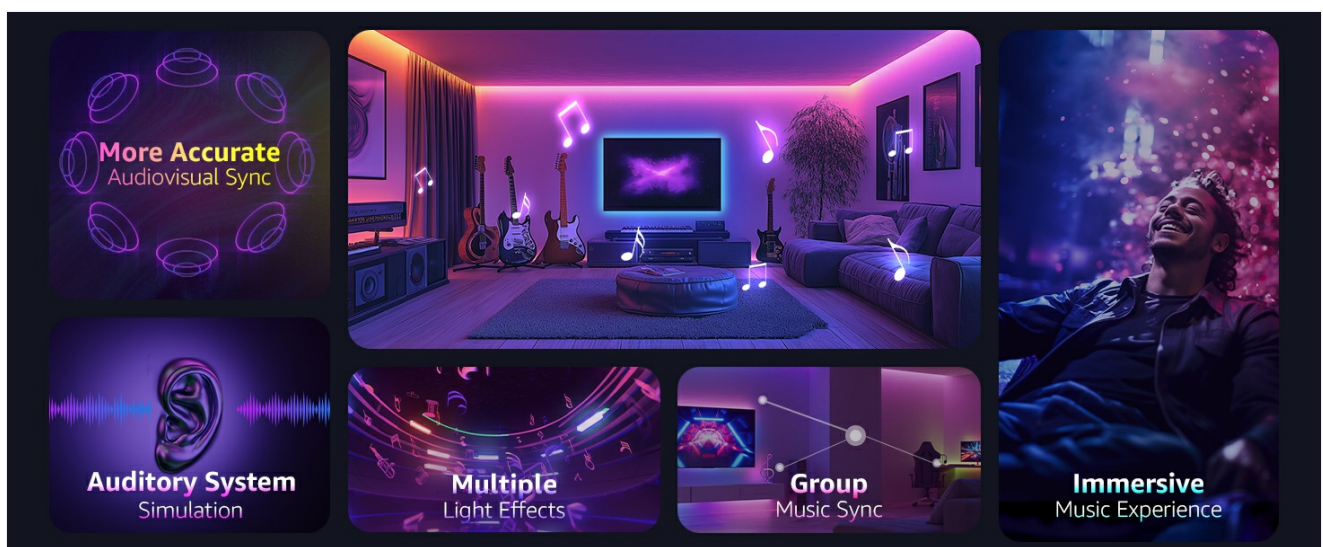

Image: Examples of AI-generated lighting effects based on voice prompts for instructions, scenes, and emotions.

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Video: An overview of the Lepro SE1 AI Smart RGB Strip Lights, showcasing various features and applications.

Hands-Free Voice Control (Alexa/Google Assistant)

After connecting your Lepro app to Amazon Alexa or Google Assistant, you can control your lights with voice commands:

1. Ensure your Lepro lights are successfully connected to the Lepro app via 2.4GHz Wi-Fi.
2. Open the Alexa or Google Home app.
3. Navigate to the 'Skills & Games' (Alexa) or 'Works with Google' (Google Home) section.
4. Search for and enable the 'Lepro' skill.
5. Link your Lepro account with your Alexa or Google account by entering your credentials.
6. Discover devices. Once linked, you can use commands like "Alexa, turn on the strip lights" or "Hey Google, set the bedroom lights to blue."

Image: Demonstrates hands-free voice control using Alexa to manage the LED strip lights in a kitchen setting.
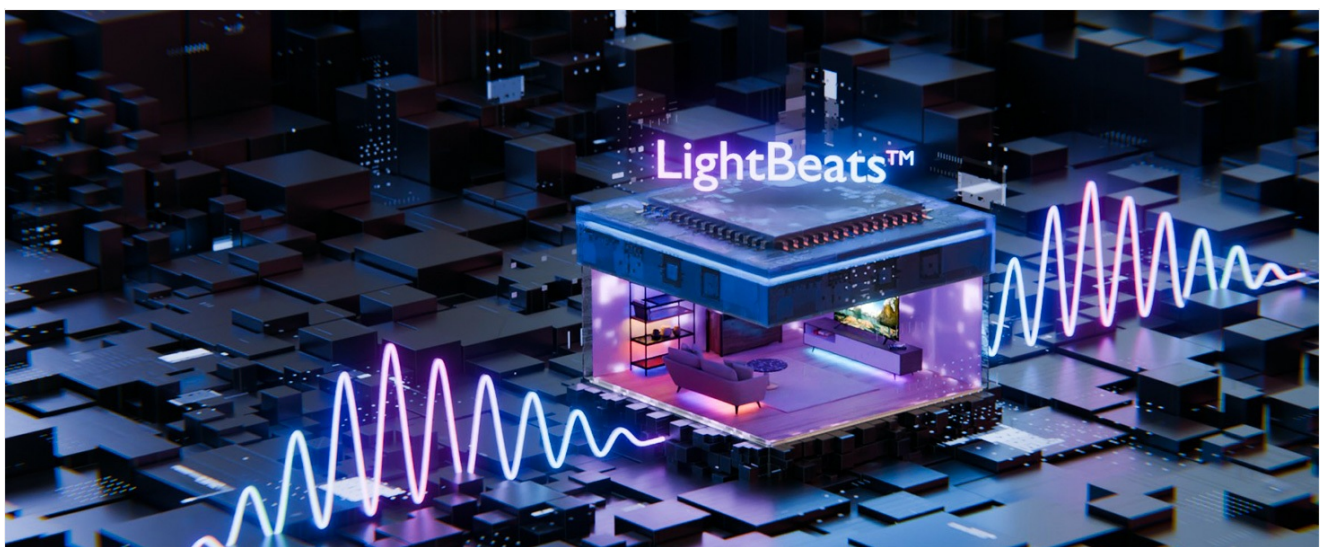

Image: A visual guide detailing the steps to connect the Lepro app with Amazon Alexa for voice control.

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Video: A step-by-step guide on how to connect your Lepro smart lights to Amazon Alexa for voice control.

LightBeats Music Sync

The LightBeats feature allows your LED strip lights to react to music:

- Activate the Music Sync feature within the Lepro app.
- The controller does not have a built-in microphone. For optimal results, use your phone's microphone to pick up music.
- Keep your phone on the music sync page in the Lepro app and the screen on for continuous synchronization.

Image: LightBeats Music Sync feature active in a gaming room, with lights reacting to music.
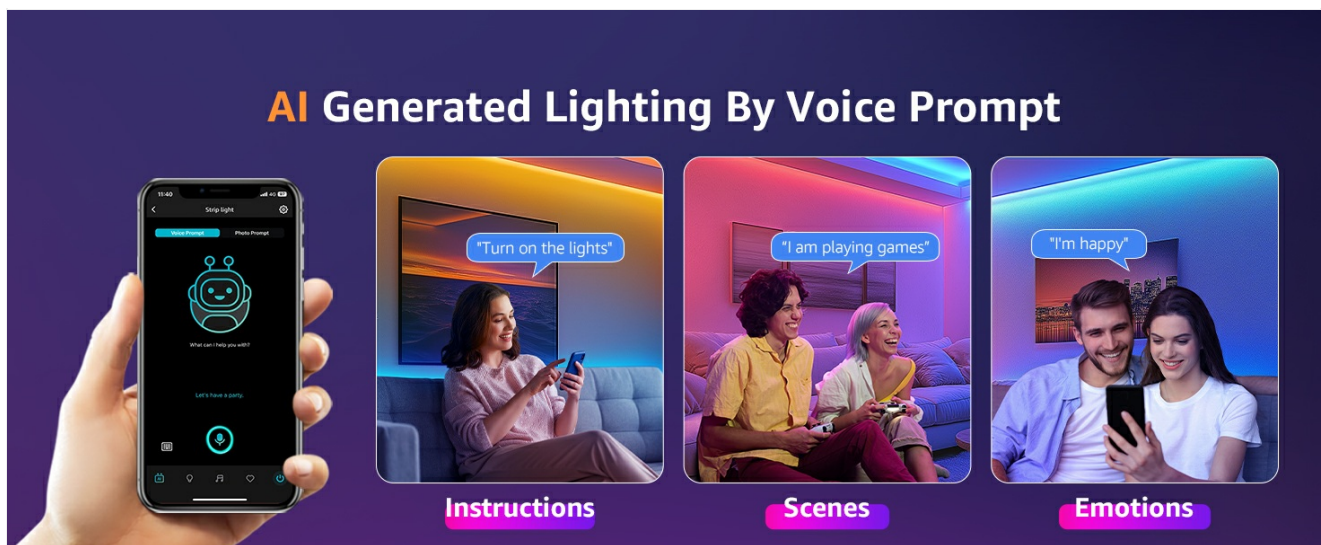

Image: LED strip lights dynamically changing colors and patterns in sync with music rhythm.

Color Changing and Customization

The Lepro app allows you to select from 16 million RGB colors and customize your lighting experience:

- Use the color wheel in the app to choose any static color.
- Adjust brightness levels to suit your preference.
- Explore various dynamic modes and effects.

Image: The Lepro app displaying a color wheel, allowing users to select from 16 million RGB colors.

Scheduling and Group Control

- **Scheduling:** Set specific times for your lights to turn on or off, or to change to a particular scene.
- **Group Control:** Connect and control multiple Lepro smart lighting devices simultaneously through the app.
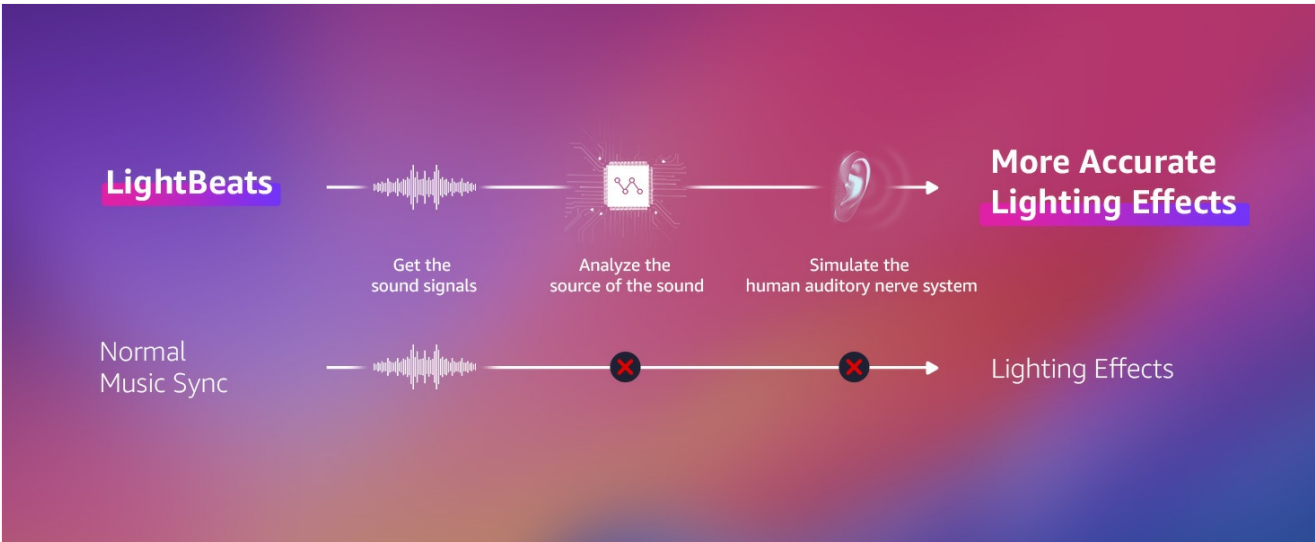
Image: A visual representation of the scheduling feature, showing lights turning on at 8:00 AM and off at 10:00 PM.

Image: An illustration of group control, demonstrating how multiple Lepro light devices in a living room can be controlled together.

MAINTENANCE

- **Cleaning:** Gently wipe the LED strip with a dry, soft cloth. Do not use liquid cleaners or immerse the strip in water.
- **Handling:** Avoid bending the strip at sharp angles or applying excessive force, as this can damage the internal circuitry.
- **Storage:** If storing the lights, ensure they are clean and coiled loosely to prevent damage.

TROUBLESHOOTING

Issue	Possible Solution
Lights do not turn on.	Check power connections. Ensure the power adapter is plugged in and the strip is correctly connected to the controller. Verify the power outlet is functional.
Cannot connect to Wi-Fi.	Ensure your Wi-Fi network is 2.4GHz. The SE1 does not support 5GHz Wi-Fi. Move closer to your Wi-Fi router. Restart your router and try pairing again.

Issue	Possible Solution
Lights are not responding to app/voice control.	Check Wi-Fi connection. Ensure the Lepro app is updated. For voice control, verify the Lepro skill is enabled and linked in your Alexa/Google Home app.
Colors are incorrect or inconsistent.	Ensure the strip is fully unrolled. Check for any physical damage or kinks in the strip. If a section is permanently discolored, the strip may be damaged (note: the strip is not cuttable).
Music Sync is not working effectively.	Ensure your phone's microphone is enabled and the Lepro app is open on the music sync page. Increase music volume for better detection.

SPECIFICATIONS

Feature	Detail
Model	SE1
Color	Multicolor (16 Million RGB)
Length	49.2 Feet
Indoor/Outdoor Usage	Indoor Only
Light Source Type	LED
Power Source	AC/DC
Voltage	24 Volts (DC)
Wattage	10 watts
Control Method	App (Lepro App)
Connectivity	2.4GHz Wi-Fi, Bluetooth
Voice Control Compatibility	Amazon Alexa, Google Assistant
Average Life	15000 Hours
Material	Copper, Plastic
Item Weight	7.8 ounces

WARRANTY & SUPPORT

Lepro products come with a standard manufacturer's warranty. For specific warranty details, technical support, or customer service inquiries, please visit the official Lepro website or contact their customer support directly. Keep your purchase receipt for warranty claims.