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RUISHINE st-ting-l125

RUISHINE 20ft Battery Operated LED Strip Lights Instruction Manual

Model: st-ting-l125

Introduction

Thank you for choosing the RUISHINE 20ft Battery Operated LED Strip Lights. This product provides versatile RGB lighting with control options via a remote and a smartphone application. Designed for indoor use, these lights are ideal for enhancing various spaces with dynamic color-changing effects. Please read this manual carefully before installation and use to ensure proper operation and longevity of your LED strip lights.

Product Components

The package includes the following items:

- 1 Roll LED Strip Lights (20 feet)
- Battery Box (requires 3x AA batteries, not included)
- 40-Key Remote Control
- USB Cable
- Instruction Book
- Color Box



Figure 1: Overview of included components.

Setup Instructions

1. **Power Supply Installation:**
   - **Battery Power:** Open the battery box and insert 3 AA batteries (not included), ensuring correct polarity. Close the battery box.
   - **USB Power:** Alternatively, connect the provided USB cable to the LED strip and plug the other end into a 5V USB power source, such as a TV USB port, wall adapter, or power bank.



Figure 2: Battery and USB power connection options.

2. **Prepare the Remote Control:** Before first use, pull out the transparent plastic film from the battery compartment of the 40-key remote control.
3. **Surface Preparation:** Ensure the surface where you intend to install the LED strip is clean, dry, and smooth for optimal adhesion.
4. **Install the LED Strip:** Carefully peel off the adhesive backing from the LED strip and press it firmly onto the desired surface. Apply even pressure along the strip.
5. **Cutting the LED Strip:** The LED strip can be cut to your desired length. Locate the designated cutting marks (usually indicated by a copper pad or scissor icon) between every 3 LEDs. Cut only along these marks to avoid damaging the circuit.
6. **App Download and Connection:**
    - Download the compatible control application to your smartphone. Refer to the packaging or included instruction book for the specific app name or QR code.
    - Enable Bluetooth on your smartphone.
    - Open the app and follow the on-screen instructions to connect to your LED strip lights.

Operating Instructions

Using the 40-Key Remote Control

The included 40-key remote control allows for basic functions and color selection.

- **Power On/Off:** Press the **ON/OFF** button.
- **Brightness Adjustment:** Use the **V+/V-** buttons to increase or decrease brightness.
- **Color Selection:** Choose from various static colors using the dedicated color buttons (e.g., Red, Green, Blue, White, etc.).
- **Dynamic Modes:** Select pre-programmed modes like **FLASH**, **STROBE**, **FADE**, **SMOOTH** for different lighting effects.
- **DIY Colors:** Some remotes allow for custom color mixing using the DIY buttons.

Using the Smartphone Application

The smartphone app offers advanced control features and customization.

- **Color Wheel:** Select from millions of colors using the intuitive color wheel.
- **Preset Scenes/Modes:** Access a wider range of dynamic lighting modes and scenes.
- **Music Synchronization:** The app can use your phone's microphone to sync the lights with music or ambient sounds, making the lights "dance" to the beat.
- **Timer Function:** Set schedules for the lights to turn on or off automatically.
- **Customization:** Create and save your own unique lighting effects.



Figure 3: Remote control and app interface for light operation.

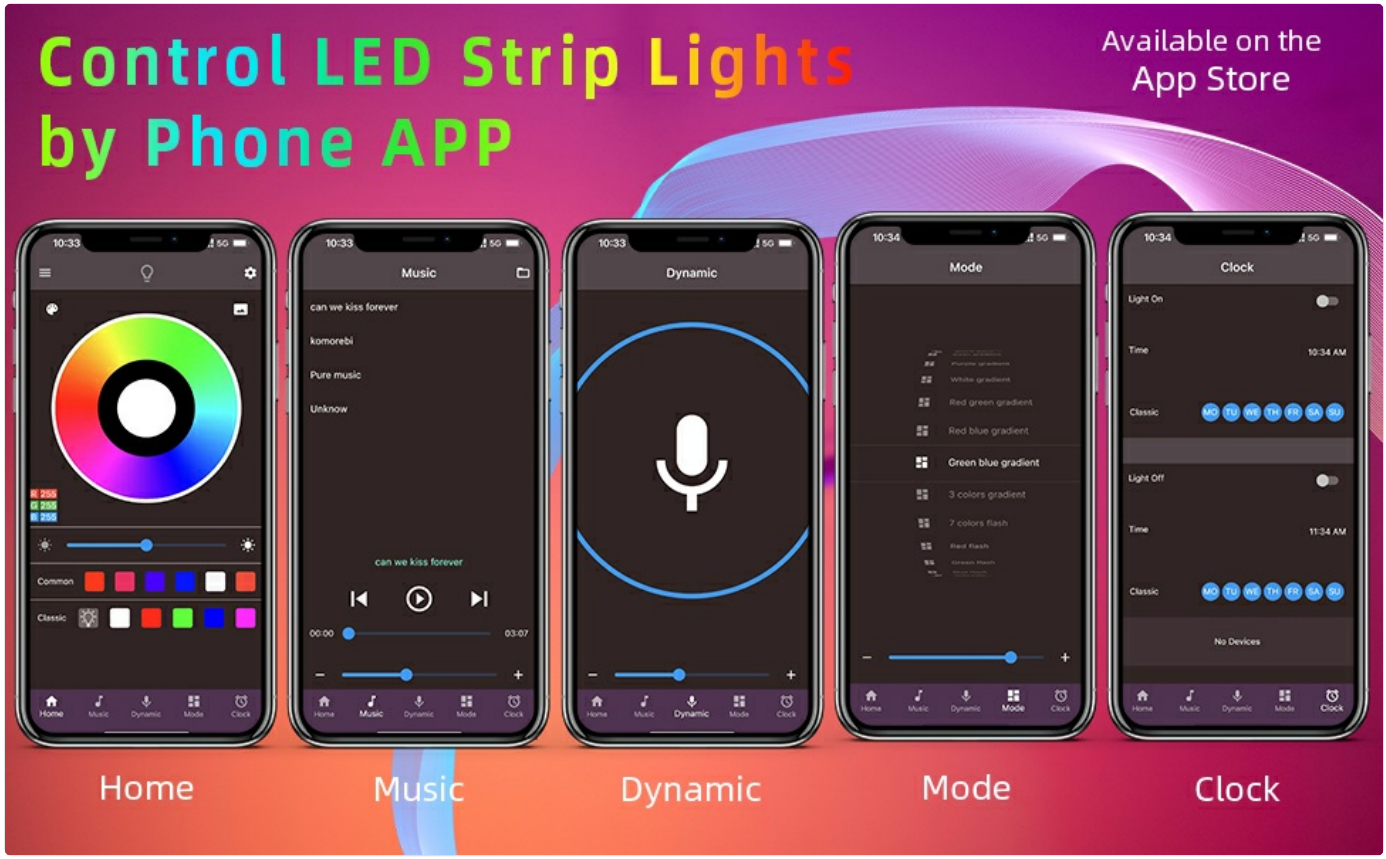


Figure 4: Detailed view of the smartphone application features.

Maintenance

- **Cleaning:** Gently wipe the LED strip with a dry, soft cloth to remove dust. Do not use liquid cleaners.
- **Battery Replacement:** If using battery power, replace the 3 AA batteries in the battery box when lights dim or flicker.
- **Storage:** If storing the lights for an extended period, remove the batteries from the battery box.

Troubleshooting

Problem	Possible Cause	Solution
Lights do not turn on.	No power supply; batteries incorrectly installed or depleted; USB cable not connected properly.	Ensure batteries are correctly inserted and charged, or connect the USB cable to a working 5V power source. Turn on the switch on the battery pack if using batteries.
Lights are dim, flickering, or display incorrect colors.	Low battery power.	Replace the AA batteries in the battery box or switch to USB power using a reliable power source.

Problem	Possible Cause	Solution
Remote control is not working.	Plastic film not removed; remote battery depleted; remote not pointed at receiver.	Remove the plastic film from the remote's battery compartment. Ensure the remote battery is functional. Point the remote directly at the LED strip's receiver.
App cannot connect to the lights.	Bluetooth is off; app not properly installed; lights are off.	Ensure Bluetooth is enabled on your phone. Restart the app and the lights. Follow the app's pairing instructions.

Specifications

- **Model:** st-ting-l125
- **Length:** 20 feet (6.1 meters)
- **Light Source:** LED (RGB)
- **Number of Light Sources:** 300
- **Power Source:** 3x AA Batteries (not included) or 5V USB
- **Control Methods:** 40-Key IR Remote Control, Smartphone Application
- **Material:** Plastic
- **Indoor/Outdoor Usage:** Indoor Only
- **Water Resistance Level:** Not Water Resistant
- **Special Features:** Color Changing, Music Sync, Timer Function
- **Item Weight:** Approximately 5 ounces (141.7 grams)
- **Manufacturer:** VEGASIGNS

Safety Information

- This LED strip light is designed for **indoor use only**.
- The light strip is **not waterproof**. Keep it away from any liquids or damp environments.
- Operate the lights within the specified voltage (5V USB).
- Do not cover the LED strip with materials that could impede heat dissipation.
- Avoid direct prolonged eye exposure to the LED lights.
- Keep out of reach of small children.
- Ensure proper battery installation and disposal.

Warranty and Support

For any issues or concerns with your RUISHINE LED Strip Lights, please contact our customer support. If the product experiences problems after replacing batteries or during normal operation, we offer support for replacement or return. Please refer to your purchase platform for specific return and replacement policies.
For further assistance, please visit the RUISHINE Store on Amazon.

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