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› NiteBird SL3 Smart LED Light Strip User Manual

NiteBird SL3

NiteBird SL3 Smart LED Light Strip User Manual

Model: SL3

INTRODUCTION

Thank you for choosing the NiteBird SL3 Smart LED Light Strip. This manual provides essential information for the safe and efficient use of your new smart lighting product. Please read this guide thoroughly before installation and operation, and retain it for future reference.



Image: The NiteBird SL3 LED Light Strip, coiled to show its flexible design and vibrant multi-color illumination capabilities.

SAFETY INFORMATION

- Ensure the power supply is disconnected before installation or maintenance.
- Do not cut or modify the LED strip unless explicitly instructed by the manufacturer.
- Avoid exposing the light strip to extreme temperatures or direct water contact unless specified as waterproof.
- Keep out of reach of children.
- Use only the provided power adapter.
- Do not cover the light strip with flammable materials when in use.

PACKAGE CONTENTS

Your NiteBird SL3 Smart LED Light Strip package should contain the following items:

- NiteBird SL3 Smart LED Light Strip (2x5m)
- Power Adapter
- Controller Unit
- User Manual

SETUP

1. Preparation

1. Choose a clean, dry, and smooth surface for installation. Ensure the surface is free of dust, oil, or moisture.
2. Unroll the LED strip carefully to avoid kinks or damage.

2. Installation

1. Peel off a small section of the adhesive backing from the LED strip.
2. Carefully press the exposed adhesive part onto the desired surface, working your way along the strip, peeling off more backing as you go. Apply firm, even pressure to ensure good adhesion.
3. Ensure the strip is securely attached along its entire length.



Image: The NiteBird SL3 LED Light Strip providing ambient backlighting for a television, demonstrating its use in creating immersive home entertainment environments.

3. Power Connection

1. Connect the LED strip to the controller unit. Ensure the arrows on the connectors align.
2. Connect the power adapter to the controller unit.
3. Plug the power adapter into a standard electrical outlet.

4. App Connection (Tuya Smart App)

1. Download the "Tuya Smart" app from your mobile device's app store (iOS or Android).
2. Register or log in to your Tuya Smart account.
3. Ensure your mobile device is connected to a 2.4GHz Wi-Fi network.
4. Open the app, tap "+" to add a device, and select "Lighting" > "Light Strip (Wi-Fi)".
5. Follow the in-app instructions to put the light strip into pairing mode (usually by cycling power 3 times until it blinks rapidly).
6. Confirm the indicator light is blinking rapidly in the app and proceed with the connection.
7. Once connected, you can rename the device and control it via the app.

OPERATING

Basic Control

- **Power On/Off:** Use the power button on the controller or the app to turn the light strip on or off.
- **Brightness Adjustment:** Adjust the brightness level using the app's slider.
- **Color Selection:** Choose from a wide spectrum of colors using the color wheel in the app.

App Features

- **Scene Modes:** Select from pre-set lighting scenes (e.g., reading, party, relaxation) or create custom scenes.
- **Music Sync:** Enable music mode for the lights to change color and rhythm with sound.
- **Scheduling:** Set timers for the light strip to turn on/off at specific times or days.
- **Group Control:** If you have multiple NiteBird smart devices, group them for simultaneous control.

IFTTT Integration

The NiteBird SL3 supports IFTTT (If This Then That) for advanced automation. You can create custom applets to connect your light strip with other smart devices and services. For example, turn on lights when motion is detected, or change color based on weather conditions.



Image: A collage illustrating the diverse applications of the NiteBird SL3 LED Light Strip, including accent lighting for a home bar, under-bed lighting in a bedroom, task lighting in a kitchen, and decorative lighting on a staircase.

MAINTENANCE

- **Cleaning:** Disconnect power before cleaning. Gently wipe the LED strip with a soft, dry cloth. Do not use abrasive cleaners or immerse in water.
- **Storage:** If storing the light strip for an extended period, ensure it is clean and dry. Coil it loosely and store in a cool, dry place away from direct sunlight.
- **Adhesive:** The adhesive is designed for single application. If re-installation is required, new adhesive tape may be needed.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light strip does not turn on.	No power, loose connection, faulty adapter.	Check power outlet. Ensure all connections are secure. Test with another compatible adapter if available.
Cannot connect to Wi-Fi/App.	Incorrect Wi-Fi password, 5GHz network, strip not in pairing mode, router too far.	Verify Wi-Fi password. Ensure you are on a 2.4GHz network. Reset the strip to pairing mode (power cycle 3 times). Move closer to the router.
Colors are incorrect or inconsistent.	Loose connection, damaged LEDs.	Check connections between the strip and controller. If a section is permanently off or wrong color, it may indicate damage.
Remote control (if applicable) not working.	Battery dead, IR sensor blocked.	Replace battery. Ensure no obstructions between remote and controller.

SPECIFICATIONS

Brand	NiteBird
Model	SL3
Light Source Type	LED
Color	RGB (Multi-color)
Length	2x5m (10 meters total)
Controller Type	IFTTT, App Control (Tuya)
Style	Modern
Item Dimensions (L x W x H)	10 x 5 x 1.3 centimeters (Controller/Package)
UPC	6972391282324

WARRANTY AND SUPPORT

NiteBird products are designed and manufactured to the highest quality standards. This product is covered by a limited warranty from the date of purchase. Please refer to the warranty card included in your package or visit the official NiteBird website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or warranty claims, please contact NiteBird customer service through the contact information provided on their official website or through your point of purchase.



