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› TJOY Waterproof LED Light Strips 16.4ft (Model TALED0321) Instruction Manual

TJOY TALED0321

TJOY Waterproof LED Light Strips 16.4ft (Model TALED0321) Instruction Manual

Your guide to installation, operation, and maintenance.

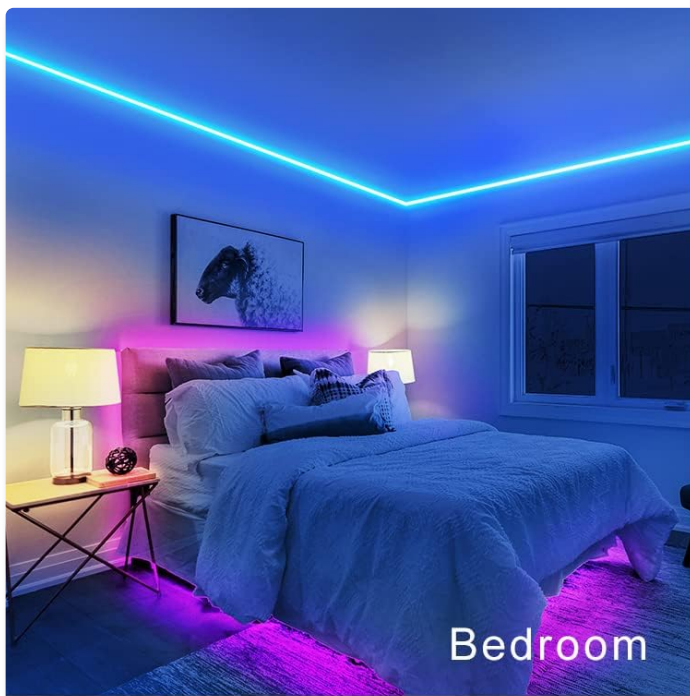
1. INTRODUCTION

Thank you for choosing the TJOY Waterproof LED Light Strips. This product is designed for both indoor and outdoor decoration, offering vibrant color-changing capabilities and durable waterproof protection. Please read this manual carefully before installation and use to ensure proper operation and longevity of your LED light strips.

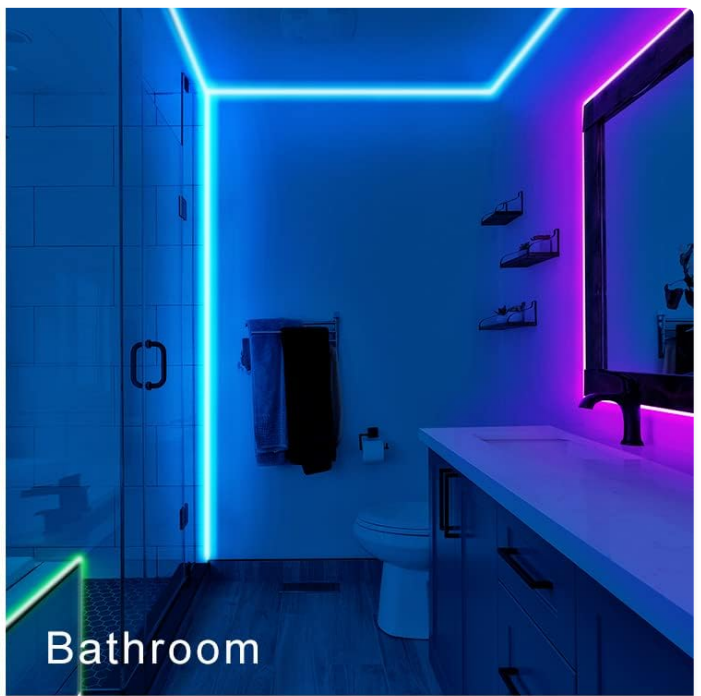


Image 1: The TJOY LED Light Strip highlighting its IP65 waterproof rating, suitable for outdoor use.

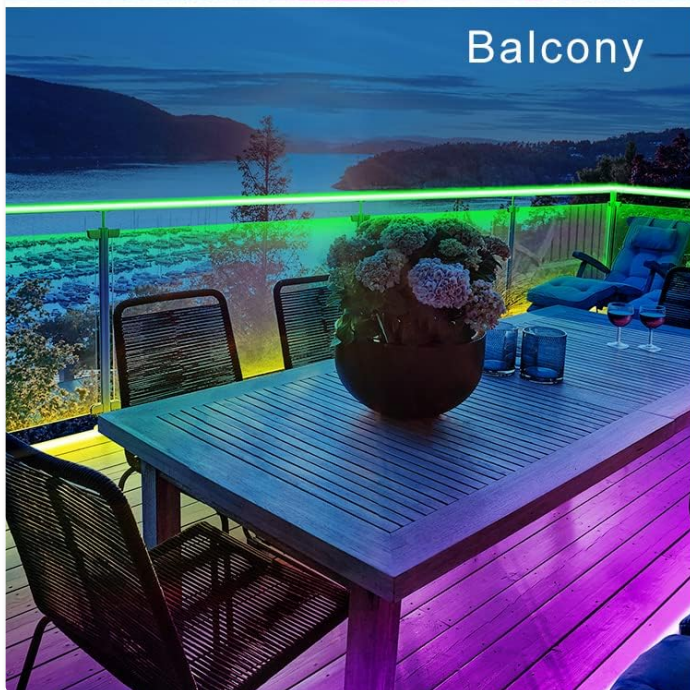
The TJOY LED Light Strips feature IP65 waterproofing, making them suitable for various environments. They offer 16 million color choices and 8 flash modes, controllable via a 44-key IR remote. The strips are also cuttable and self-adhesive for flexible installation.



Bedroom



Bathroom



Balcony



Eaves

Image 2: Examples of TJOY LED Light Strips used in various settings, including bedrooms, bathrooms, balconies, and eaves.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- One roll of TJOY Waterproof LED Light Strip (16.4ft)
- One LED Controller
- One Power Supply (Adapter)
- One 44-Key IR Remote Control
- Instruction Manual

3. SETUP INSTRUCTIONS

Follow these steps to properly install your TJOY LED Light Strips:

1. **Prepare the Surface:** Ensure the installation surface is clean, dry, and smooth. Dust, oil, or moisture can affect the adhesive's effectiveness.
2. **Measure and Cut (Optional):** If necessary, measure the desired length for your installation. The LED strip can be cut along the designated cut marks (usually indicated by a scissor icon or copper pads). **Do not cut at any other points.**
3. **Connect the Components:**
 - Connect the LED strip to the IR Receiver. Ensure the arrow on the strip connector aligns with the +12V mark on the IR Receiver.
 - Connect the IR Receiver to the Power Supply.
 - Plug the Power Supply into a standard electrical outlet.
4. **Adhere the Strip:** Peel off the protective backing from the self-adhesive tape on the back of the LED strip. Carefully press the strip onto the prepared surface, ensuring firm contact along its entire length.



Image 3: Diagram illustrating the easy connection process for the TJOY LED Light Strips, showing how to connect the adapter, IR remote, IR receiver, and the LED strip, emphasizing arrow alignment.

Important Note: The power supply and connectors are not waterproof. Ensure these components are protected from moisture when installing the LED strips outdoors.

4. OPERATING INSTRUCTIONS

Control your TJOY LED Light Strips using the included 44-key IR remote control.



Image 4: The 44-key IR remote control, shown in context with a TV backlight setup, used to operate the TJOY LED Light Strips.

4.1 Remote Control Functions

- **Power Button:** Turns the LED strips On or Off.
- **Brightness Control:** Up/Down arrows to adjust light intensity.
- **Color Selection:** 20 preset colors for quick selection.
- **DIY Mode:** Allows you to create and save custom colors (16 million choices). Press a DIY button, then use the R/G/B up/down arrows to adjust the color. Press the same DIY button again to save.

- **Mode Selection:** 8 flash modes (e.g., Flash, Strobe, Fade, Smooth) to create dynamic lighting effects. Use the 'QUICK' and 'SLOW' buttons to adjust the speed of these modes.



Image 5: The 44-key IR remote control displaying its features, including 16 million color choices, 8 flash modes, and 6 memory DIY buttons, with an outdoor application example.

5. CARE AND MAINTENANCE

Proper care ensures the longevity and performance of your TJOY LED Light Strips.

- **Cleaning:** Gently wipe the LED strips with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Water Protection:** While the LED strip itself is IP65 waterproof, the power supply and connectors are not. Ensure these non-waterproof components are installed in a dry, protected area, especially for outdoor applications.
- **Temperature:** Avoid exposing the LED strips to extreme temperatures, both hot and cold, as this can affect their performance and lifespan.
- **Physical Damage:** Do not bend the LED strips sharply or apply excessive force, as this can damage the internal

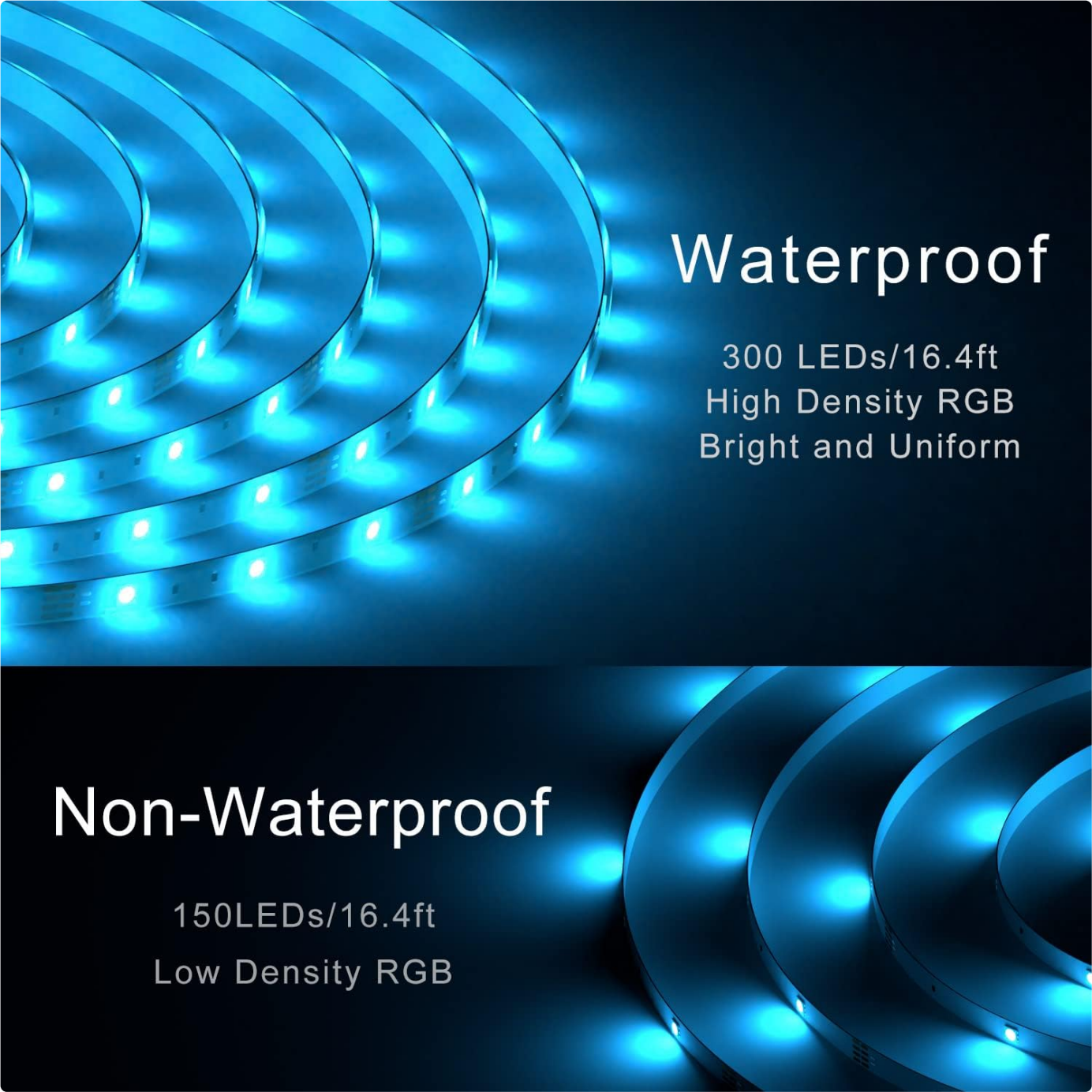


Image 6: A visual comparison highlighting the difference between waterproof (300 LEDs/16.4ft, High Density RGB) and non-waterproof (150 LEDs/16.4ft, Low Density RGB) LED strips, emphasizing the robust design of the TJOY waterproof model.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
LED strips do not light up.	1. Power supply not connected or faulty. 2. Connections are loose or incorrect. 3. Remote control battery is dead.	1. Ensure power supply is securely plugged in and functional. Try a different outlet. 2. Check all connections, especially the arrow alignment between the strip and IR receiver. Ensure they are snug. 3. Replace the battery in the 44-key IR remote control.
Remote control is not working.	1. Remote battery is dead or inserted incorrectly. 2. IR receiver is obstructed or out of range. 3. IR receiver is damaged.	1. Replace the remote control battery and ensure it is inserted with correct polarity. 2. Ensure there is a clear line of sight between the remote and the IR receiver. Operate within the specified range. 3. If other solutions fail, the IR receiver may be faulty. Contact customer support.
Some sections of the LED strip are not lighting up.	1. Damage to the LED strip. 2. Incorrect cutting.	1. Inspect the strip for visible damage or breaks. If damaged, the affected section may need replacement. 2. Ensure cuts were made only at designated cut marks.
Lights are erratic or flashing unexpectedly.	1. Loose connection. 2. Power supply issue.	1. Recheck all connections to ensure they are secure. 2. Ensure the power supply is providing stable power.

7. PRODUCT SPECIFICATIONS

Feature	Detail
Model Number	TALED0321
Brand	TJOY
Length	16.4 feet (5 meters)
Water Resistance Level	IP65 (LED strip only)
Light Source Type	LED
Light Color	Multicolor (RGB, 16 Million Colors)
Control Method	44-Key IR Remote Control
Power Source	Corded Electric (12V)
Wattage	12 watts
Indoor/Outdoor Usage	Indoor, Outdoor
Material Type	Vinyl
Number of Light Sources	150

Feature	Detail
GTIN/UPC	792288215824

8. WARRANTY AND SUPPORT

TJOY provides a one-year standard warranty for this product. If you encounter any issues or require assistance, please contact our customer support team. Our professional and dedicated service team is ready to provide 100% satisfaction service with a 24-hour quick response.

For warranty claims or technical support, please refer to the contact information provided on the product packaging or the official TJOY website.

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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

Anonymous

Email

you@example.com

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

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question