TJOY TALED0321

TJOY 100 ft RGB LED Strip Lights with 44-Key Remote Control User Manual

Model: TALED0321

INTRODUCTION

Thank you for choosing the TJOY 100 ft RGB LED Strip Lights. This product is designed to provide vibrant, customizable lighting for indoor spaces, enhancing the ambiance of bedrooms, living rooms, kitchens, and more. This manual provides essential information for safe installation, operation, and maintenance of your LED strip lights.

Image: TJOY LED strip lights illuminating a modern kitchen with purple and blue light, creating a vibrant atmosphere.

SAFETY INFORMATION

- This product is designed for **indoor use only**. Do not expose to water or high humidity.

- Ensure the installation surface is clean, dry, and smooth for proper adhesion.

- Operate the lights using the provided 24V power adapter. Using an incorrect power supply may damage the product or pose a safety risk.

- Avoid short circuits by keeping metal objects and liquids away from exposed electrical components.

- Do not cover the LED strips with materials that could impede heat dissipation.

- Keep out of reach of children.

- If any damage occurs to the strip lights or power adapter, discontinue use immediately and contact customer support.

Package Contents

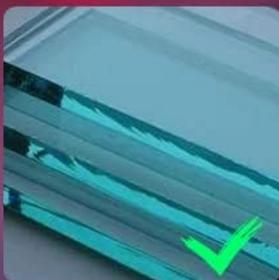Verify that all items are present in your package:

- 2 x 50 ft RGB LED Strip Lights (Total 100 ft)

- 1 x 44-Key IR Remote Control

- 1 x IR Receiver

- 1 x 24V Power Adapter

- 1 x User Manual

Setup and Installation

1. **Test the Lights:** Before installation, connect all components (LED strips, IR receiver, power adapter) and power on the lights to ensure they function correctly.

2. **Prepare the Surface:** Clean the desired installation surface thoroughly. Ensure it is dry, smooth, and free of dust or debris. The adhesive works best on glass and ceramic tile. Avoid frosted glass or dusty walls.

3. **Apply the Strip Lights:** Peel off the backing from the self-adhesive tape on the back of the LED strip. Carefully press the strip onto the prepared surface, ensuring it adheres firmly. Press repeatedly along the strip to secure it.

4. **Connect the Components:**

   - Connect the LED strip(s) to the IR receiver. Ensure the arrows on the connectors align with the "+12V" markings.
   - Connect the IR receiver to the power adapter.
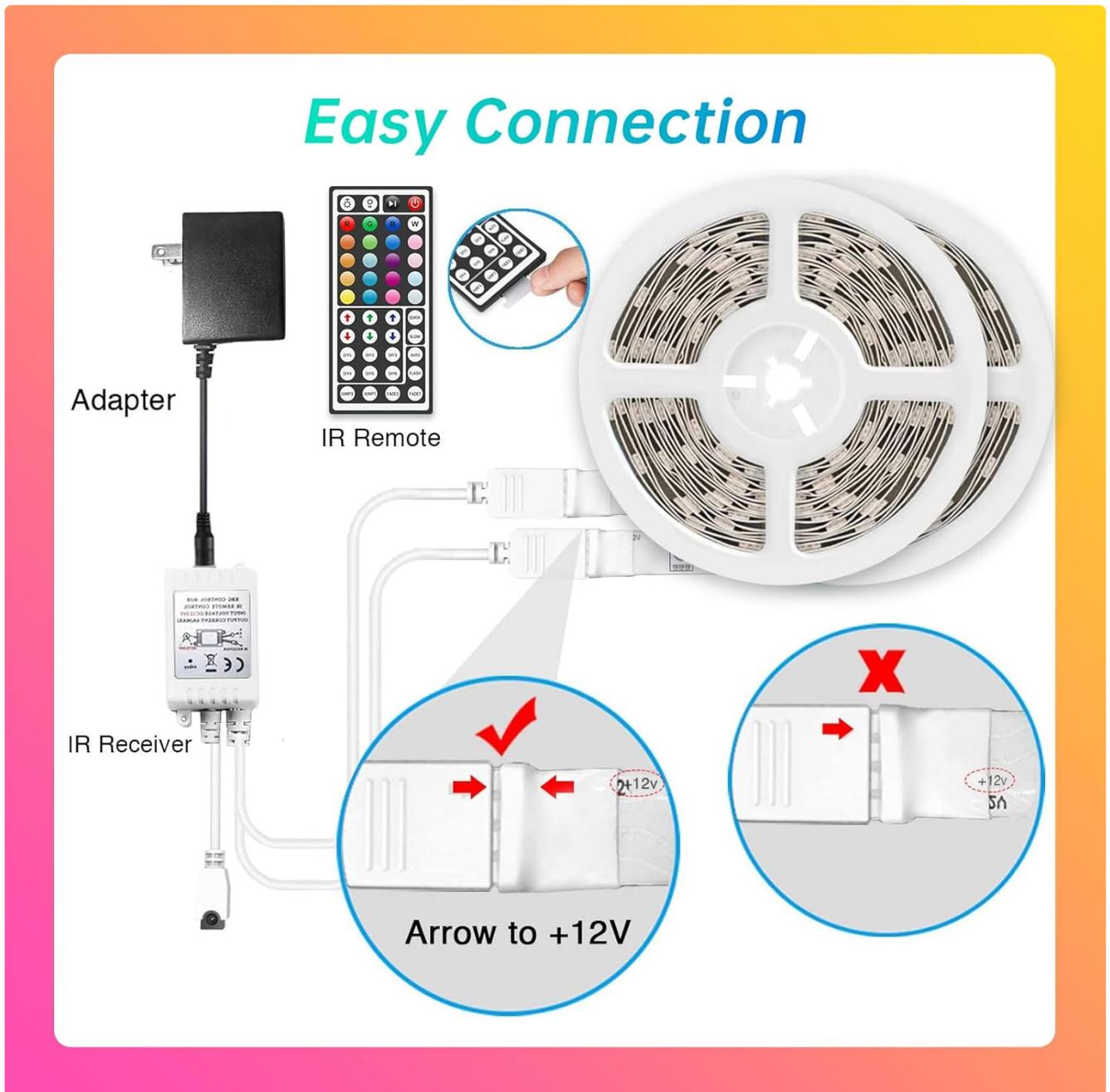   - Plug the power adapter into a standard electrical outlet.

Image: Diagram illustrating the correct connection sequence for the LED strip lights, IR receiver, and power adapter, highlighting arrow alignment.

5. **Cutting and Linking:** The LED strips can be cut along designated cutting marks to adjust their length. If you need to link cut sections, specific 4-pin connectors (not included) are required.

OPERATING INSTRUCTIONS

Using the 44-Key IR Remote Control

The included 44-key IR remote control allows you to manage various functions of your LED strip lights. Ensure you point the remote directly at the IR receiver for optimal response.
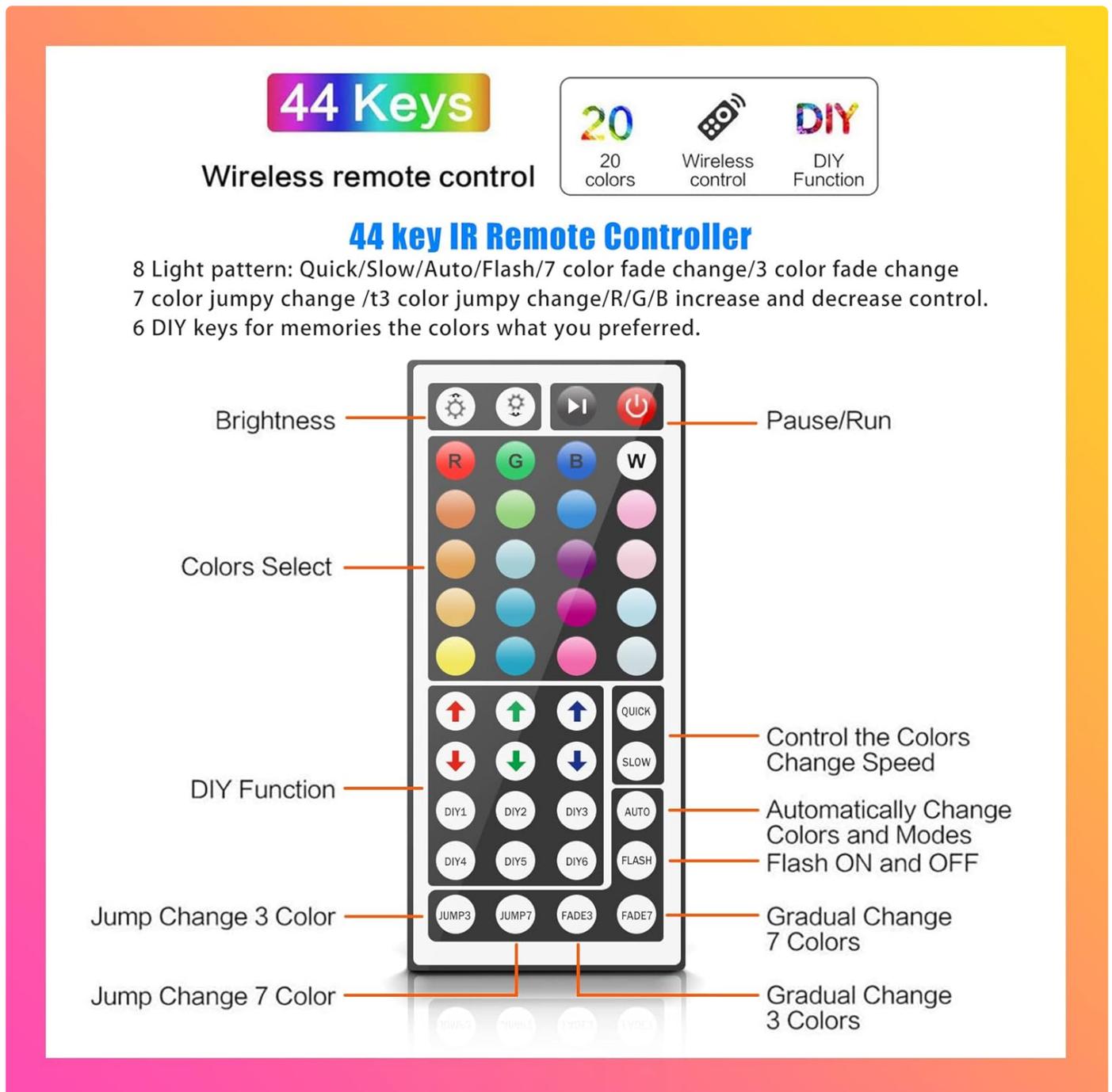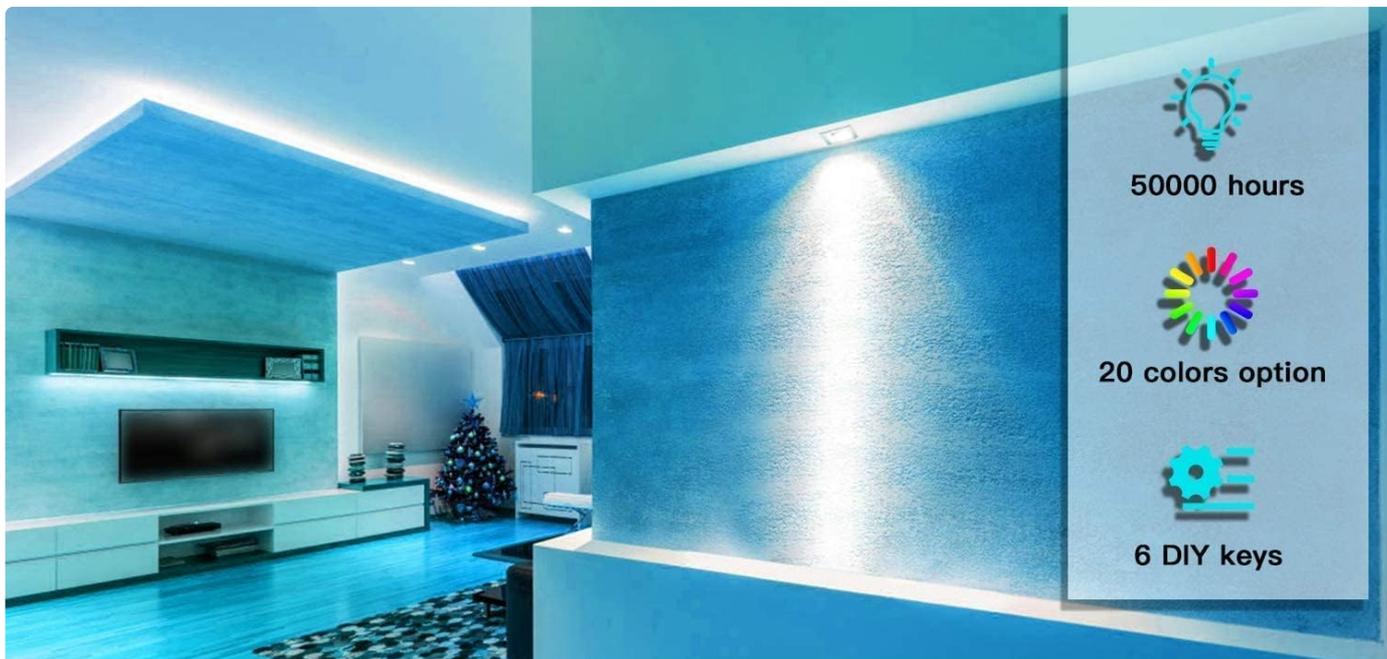

Image: Detailed diagram of the 44-key IR remote control, showing buttons for brightness, color selection, DIY functions, and dynamic modes.

- **Power On/Off:** Use the red power button to turn the lights on or off.
- **Brightness Adjustment:** Use the **Brightness Up** and **Brightness Down** buttons to adjust the light intensity (8 levels available).
- **Color Selection:** Choose from 20 preset colors using the color grid buttons.
- **DIY Color Options:** The 6 DIY buttons allow you to create and save custom colors. Press a DIY button, then use the R/G/B increase/decrease buttons to mix your desired color. Press the same DIY button again to save.
- **Dynamic Modes:**

- **Quick/Slow:** Adjust the speed of dynamic modes.
- **Auto:** Cycles through all dynamic modes.
- **Flash:** Flashing mode.
- **Fade 3/7:** Gradual color change modes.
- **Jump 3/7:** Instant color change modes.

Important: For the remote control to function, point it directly at the IR receiver, not at the LED strip itself.

When you use the remote control,please point the IR sensor to the white receiver instead of rope lights.

Image: Illustration demonstrating the correct method of pointing the remote control towards the IR receiver (green checkmark) versus pointing it at the LED strip (red X).

Product Video

Video: A short demonstration showcasing the TJOY LED Strip Lights changing colors and illuminating a room, highlighting their ambient effect.

MAINTENANCE

- **Cleaning:** Gently wipe the LED strips with a dry, soft cloth to remove dust. Do not use liquid cleaners.
- **Storage:** If storing the lights for an extended period, ensure they are clean, dry, and coiled loosely to prevent damage.
- **Adhesion:** If the adhesive weakens over time, additional mounting clips or double-sided tape may be used (not included).

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	- Power adapter not plugged in. - Loose connection. - IR remote battery depleted. - IR remote not pointed at receiver.	- Ensure power adapter is securely plugged into an outlet. - Check all connections between the strip, receiver, and adapter. - Replace the remote control battery (CR2025, not included). - Point the remote directly at the IR receiver.
Remote control is unresponsive.	- Obstruction between remote and receiver. - Remote battery depleted. - Remote too far from receiver.	- Remove any obstructions. - Replace the remote control battery. - Move closer to the IR receiver.
Lights are dim or flickering.	- Low brightness setting. - Power supply issue.	- Increase brightness using the remote. - Ensure the power adapter is functioning correctly.
Adhesive is not sticking.	- Surface not clean or smooth. - Dusty or textured wall.	- Clean and dry the surface thoroughly. - Use additional mounting clips or strong double-sided tape for textured surfaces.

SPECIFICATIONS

Feature	Detail
Model Number	TALED0321
Brand	TJOY
Light Type	RGB LED Strip Lights
Length	100 ft (2 x 50 ft rolls)
Color Options	16 Million (via RGB mixing), 20 preset colors
Control Method	44-Key IR Remote Control
Voltage	24 Volts

Feature	Detail
Power Source	Corded Electric
Indoor/Outdoor Use	Indoor Only
Lifespan	Up to 50,000 hours
Material	Metal, Vinyl
UPC	792288214902

WARRANTY AND SUPPORT

TJOY is committed to providing high-quality products and customer satisfaction. If you encounter any questions or issues during the installation or operation of your LED strip lights, please contact our customer service team. We aim to resolve all inquiries within 24 hours.

For support, please refer to the contact information provided with your purchase or visit the official TJOY website.