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GT-Lite GT-LTP-3

GT-Lite 800 Lumen LED Strip Lights (Model GT-LTP-3) Instruction Manual

16ft White and Color Tape Light with Cut and Connect Features

1. Product Overview

The GT-Lite 800 Lumen LED Strip Lights provide versatile lighting with 20 preset colors, including warm white, and dimming capabilities. This 16ft flexible tape light features cut-and-connect functionality, allowing for customization and extension up to 28ft with included accessories. Its peel-and-stick adhesive backing and mounting hardware ensure easy installation in various indoor settings.

Image: Overview of the GT-Lite LED strip light highlighting its 16ft length, cut and connect feature, 20 preset colors, and easy installation with 3M adhesive backing.

This LED tape light is designed for various applications such as accent lighting, under-cabinet lighting, and decorative illumination in areas like home theaters, stairs, and desks.

Image: Visual examples demonstrating the versatility of the LED strip lights in different indoor environments, including desks, home theaters, stairs, and cabinets.

2. Package Contents

Please verify that all components are present in your package:

- 1 x 16ft LED Tape Light
- 1 x Handheld Remote Control
- 1 x 4ft Power Adapter (12V DC Power Supply)
- 3M Adhesive Backing (pre-applied to tape light)
- Mounting Clips and Screws
- Connectors (for cutting and connecting sections, including straight and flexible whip connectors)

Image: A complete view of all items included in the product package, such as the LED strip, remote control, power adapter, and various connectors and mounting hardware.

3. Safety Information

Read all instructions before installation and use. Keep this manual for future reference.

- **Indoor Use Only:** This product is designed for indoor use. Do not expose to water or high humidity.
- **Power Supply:** Use only the provided 12V DC power adapter. Using an incompatible power supply may damage the product or create a fire hazard.
- **Electrical Safety:** Ensure the power adapter is unplugged before installation, cutting, or connecting the LED strip.
- **Cutting:** Only cut the LED strip at designated cut marks, indicated by copper pads. Cutting elsewhere will damage the circuit.
- **Surface Preparation:** Install on clean, dry, and smooth surfaces to ensure proper adhesion and prevent the strip from falling.
- **Heat:** Do not cover the LED strip with materials that may trap heat, as this can lead to overheating.
- **Children:** Keep out of reach of children.

4. Setup and Installation

Follow these steps for proper installation of your GT-Lite LED Strip Lights:

1. **Prepare the Surface:** Clean the installation surface thoroughly. Ensure it is dry, smooth, and free of dust, oil, or debris. This is crucial for the adhesive backing to bond effectively.

2. **Peel and Stick:** Carefully peel off the protective film from the 3M adhesive backing on the LED tape light. Press the tape light firmly onto the desired surface. Apply even pressure along the entire length to ensure good adhesion.
3. **Secure with Clips (Optional but Recommended):** For added security, especially on textured surfaces or in areas where the strip might be disturbed, use the provided mounting clips and screws. Space the clips evenly along the strip.
4. **Cut and Connect (If Needed):** If you need to adjust the length of the LED strip, locate the designated cut marks (copper pads) on the strip. Cut only at these marks. Use the included connectors to join cut sections or to extend the strip up to a total of 28 feet. Ensure correct polarity when connecting.
5. **Connect Power:** Connect the LED strip to the controller, and then connect the controller to the 12V DC power adapter. Finally, plug the power adapter into a standard electrical outlet.

Image: A visual guide illustrating the three main steps for easy installation: cleaning the surface, peeling and sticking the light, and cutting/connecting to adjust length.

5. Operation

The GT-Lite LED Strip Lights are controlled using the included handheld remote. Ensure the remote has a clear line of sight to the receiver on the LED strip controller.

Remote Control Functions:

- **Power On/Off:** Use the ON and OFF buttons to turn the lights on or off.
- **Color Selection:** Choose from 20 preset colors, including various RGB options and a dedicated warm white (3000K) setting.
- **Dimming:** Adjust brightness levels to 25%, 50%, 75%, or 100% using the dedicated buttons.
- **Preset Transitions:** Select from 6 preset transition modes (e.g., JUMP3, FADE7, FLASH, AUTO, SLOW) to create dynamic lighting effects. These modes often have fast and slow versions.

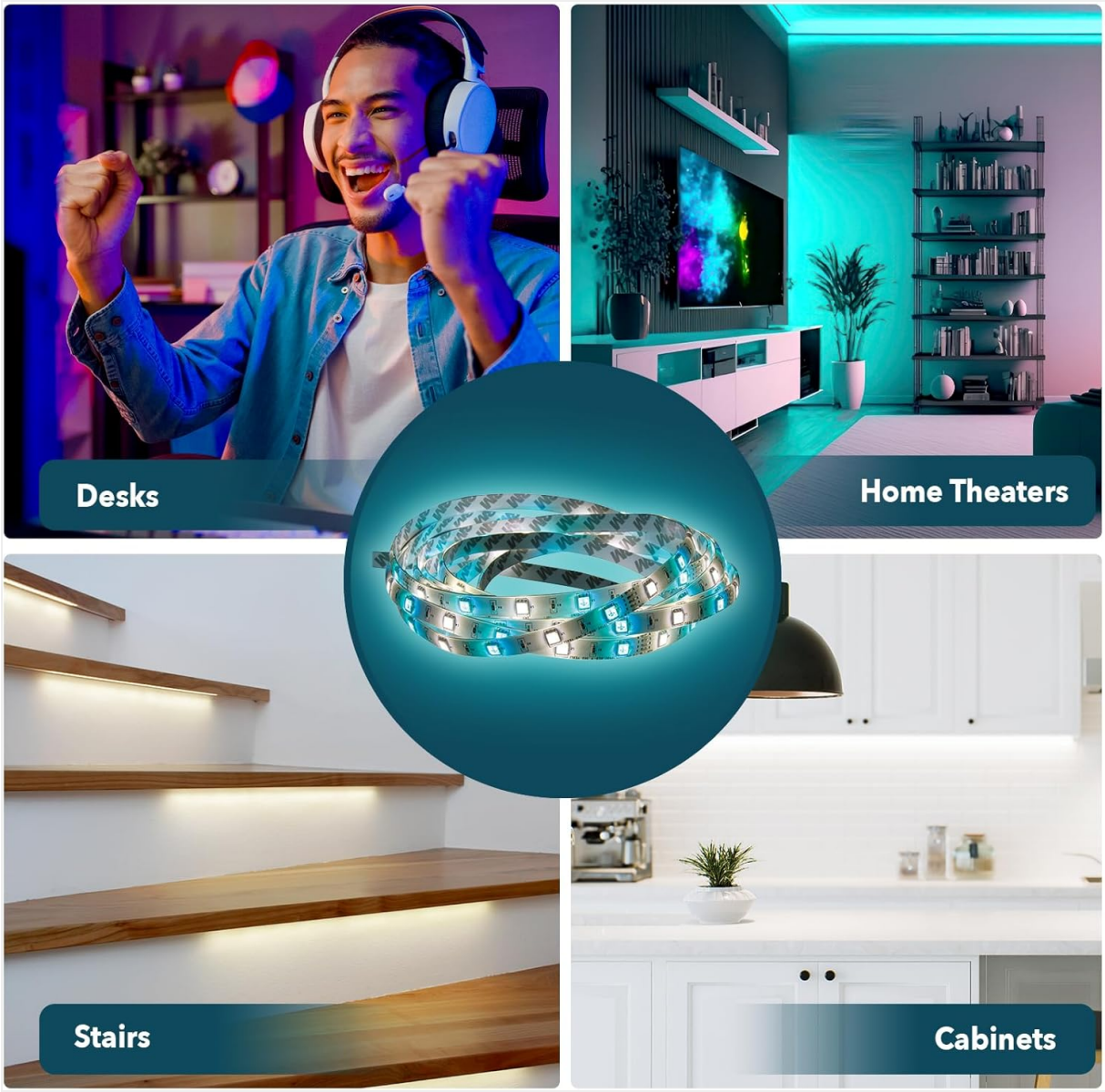

Image: Detailed view of the RGBW remote controller, showing buttons for color selection, brightness adjustment, and various transition modes.

6. Maintenance

Proper maintenance ensures the longevity and optimal performance of your LED strip lights.

- **Cleaning:** Gently wipe the LED strip with a dry, soft cloth to remove dust. Do not use liquid cleaners or abrasive materials. Ensure the power is disconnected before cleaning.
- **Inspection:** Periodically check the strip and connections for any signs of damage, loose wires, or

wear.

- **Adhesion:** If the adhesive backing begins to lose its grip, reinforce the strip with additional mounting clips or a suitable adhesive designed for LED strips.

7. Troubleshooting

If you encounter issues with your GT-Lite LED Strip Lights, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, remote battery dead.	Check if the power adapter is securely plugged in. Ensure all connections between the strip, controller, and power adapter are firm. Replace remote battery if necessary.
Remote control not working.	Remote battery dead, obstruction, remote too far.	Replace the remote battery. Ensure there are no obstructions between the remote and the controller. Operate the remote within its effective range.
Lights flicker or change color unexpectedly.	Loose connection, power fluctuation, damaged strip section.	Check all connections. Ensure the power source is stable. If a section is damaged, it may need to be cut out and reconnected or replaced.
Adhesive backing not holding.	Improper surface preparation, heavy strip.	Ensure the surface is clean and dry before application. Use additional mounting clips and screws for better security.

8. Specifications

Feature	Detail
Brand	GT-Lite
Model Number	GT-LTP-3
Light Source Type	LED
Wattage	19 watts
Light Color	Multicolor (RGB) and Warm White (3000K)
Length	16ft (connectible up to 28ft)
Control Method	Remote Control
Indoor/Outdoor Usage	Indoor
Power Source	Corded Electric (12V DC Power Supply)
Item Weight	15.3 ounces
Product Dimensions	16 x 0.37 x 0.06 inches
Special Features	Color Changing, Dimmable, Cut and Connect

Feature	Detail
Lifespan	Rated to last 30,000 hours (approximately 27+ years based on typical usage)

Image: Graphic indicating the product's long lifespan, rated for 30,000 hours or over 27 years of use.

9. Warranty and Support

GT-Lite products come with a manufacturer's warranty. For specific warranty details or technical assistance, please contact GT-Lite customer support. GT-Lite provides US-based customer support for all its products.
For further inquiries or support, please refer to the contact information provided with your purchase or visit the official GT-Lite website.