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› [DAYBETTER](#) /

› DAYBETTER 100ft Outdoor LED Strip Lights Waterproof Instruction Manual

DAYBETTER TTGA001

DAYBETTER 100ft Outdoor LED Strip Lights Waterproof

MODEL: TTGA001 - INSTRUCTION MANUAL

1. Introduction

Thank you for choosing the DAYBETTER 100ft Outdoor LED Strip Lights. This product is designed to provide vibrant, customizable lighting for various outdoor and indoor applications, featuring IP67 waterproof protection, remote and app control, music synchronization, and a timer function. Please read this manual thoroughly before installation and use to ensure proper operation and longevity of your LED strip lights.

2. Package Contents

Verify that all components are present in your package:

- LED Strip Lights (2 rolls of 50ft)
- IR Remote Control
- Waterproof Power Supply (24V)
- Waterproof Controller
- Fixed Fasteners (Mounting Clips)



Image: Overview of the product packaging and included components.

3. Safety Information

Please observe the following safety precautions:

- Ensure the power supply is disconnected before installation or maintenance.
- This product operates on 24V low voltage. Use only the provided power adapter.
- The LED strip lights and controller are IP67 waterproof, suitable for outdoor use. However, avoid submerging the power supply.
- Do not cut the LED strip lights at any point other than the designated cutting marks. Cutting elsewhere may damage the strip.
- Avoid bending the strip sharply or applying excessive force, which can damage the internal circuitry.
- Keep the remote control and power supply away from water and extreme temperatures.

4. Setup Instructions

Follow these steps for proper installation:

1. **Prepare the Installation Surface:** Clean the desired surface thoroughly. Ensure it is dry and free of dust, oil, or debris for optimal adhesion.
2. **Connect the Components:**
 - Connect the LED strip lights to the waterproof controller. Ensure the arrows on the connectors align.
 - Connect the waterproof controller to the waterproof power supply.
 - Plug the power supply into a suitable outdoor power outlet.

3. **Secure the LED Strips:** Carefully peel off the adhesive backing and press the LED strip firmly onto the prepared surface. For added security, especially in outdoor environments, use the provided fixed fasteners (mounting clips) at regular intervals.
4. **Download the App:** Scan the QR code on the controller or refer to the packaging to download the compatible Bluetooth app (e.g., 'Smart LED Strip Lights' or similar).
5. **Pair with App:** Open the app on your smartphone and follow the on-screen instructions to pair with your LED strip lights via Bluetooth. Ensure Bluetooth is enabled on your device.

Waterproof LED Lights

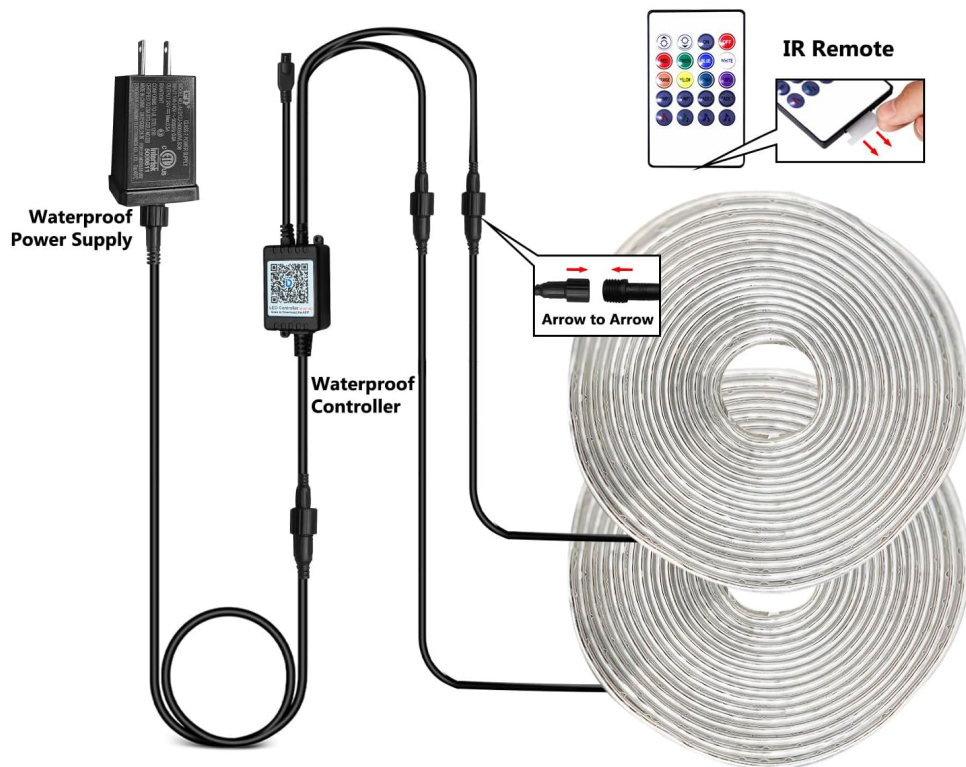


Image: Connection diagram for the LED strip light system.

5. Operating Instructions

Your DAYBETTER LED strip lights can be controlled via the included IR remote or the smartphone app.

5.1. Using the IR Remote Control

Point the IR remote directly at the waterproof controller for optimal response. The remote allows for basic functions:

- **ON/OFF:** Power the lights on or off.
- **Color Selection:** Choose from various static colors (RGB and white).
- **Brightness Adjustment:** Increase or decrease the light intensity.
- **Dynamic Modes:** Select from pre-programmed flashing, fading, or jumping modes.

5.2. Using the Smartphone App (Bluetooth)

The app provides advanced control features:

- **Color Palette:** Access 16 million colors and fine-tune brightness (0-100%).
- **Dynamic Modes:** Explore 29 dynamic modes for various lighting effects.

- **Music Synchronization:** The lights can change colors and patterns in sync with music played through your phone's microphone or stored music.
- **Timer Function:** Schedule the lights to automatically turn on or off at specific times.
- **Custom Scenes:** Create and save personalized lighting scenes.



Image: Demonstration of the music synchronization feature via the app.

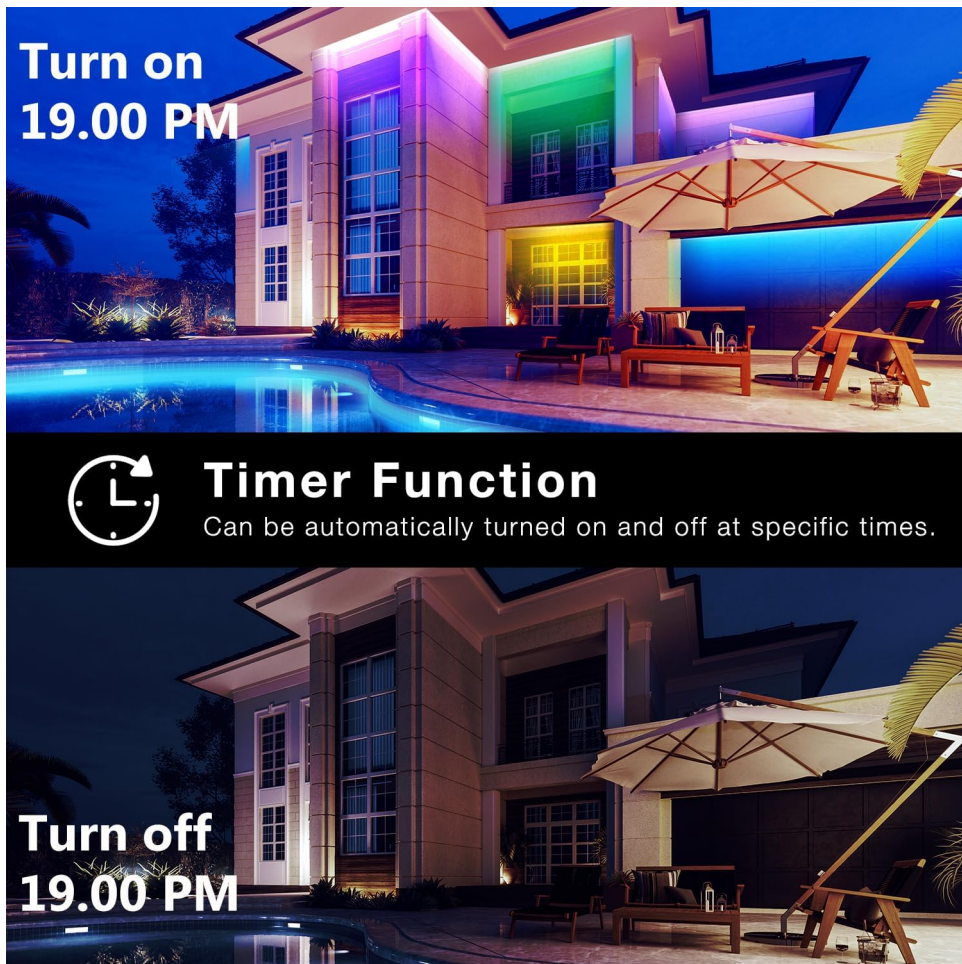


Image: Illustration of the timer function for automated light control.

6. Maintenance

To ensure the longevity and optimal performance of your LED strip lights, consider the following maintenance tips:

- **Cleaning:** Gently wipe the LED strips with a soft, damp cloth to remove dust or dirt. Avoid using harsh chemicals or abrasive cleaners.
- **Connection Check:** Periodically inspect all connections (strip to controller, controller to power supply) to ensure they are secure and free from corrosion, especially in outdoor environments.
- **Adhesion:** If the adhesive begins to weaken over time, reinforce the strips with additional mounting clips or suitable outdoor-grade adhesive.
- **Water Protection:** While the strips are IP67 waterproof, ensure the power supply remains protected from direct water exposure.

7. Troubleshooting

If you encounter issues with your LED strip lights, refer to the following common problems and solutions:

- **Lights do not turn on:**
 - Check if the power supply is securely plugged into a working outlet.
 - Ensure all connections (strip to controller, controller to power supply) are firm and correctly aligned (arrow to arrow).
 - Verify the remote control battery is functional or try controlling via the app.

- **Remote control not working:**

- Ensure there are no obstructions between the remote and the IR receiver on the controller.
- Check the remote control battery and replace if necessary.
- Note that some TV remotes or other IR devices might cause interference.

- **App cannot connect to lights:**

- Ensure Bluetooth is enabled on your smartphone.
- Make sure the lights are powered on.
- Try restarting the app or your phone.
- Ensure you are within Bluetooth range of the controller.

- **Lights are dim or flickering:**

- Check the brightness setting on both the remote and the app.
- Ensure the power supply is providing adequate power and is not damaged.

- **Adhesive not holding:**

- Ensure the installation surface was clean and dry before application.
- Use the provided fixed fasteners (mounting clips) to secure the strips, especially on rough or vertical surfaces.

8. Specifications

Feature	Detail
Model Number	TTGA001
Length	100ft (2 x 50ft rolls)
Water Resistance Level	IP67 (Strip and Controller)
Voltage	24 Volts
Wattage	12 watts
Light Source Type	LED
Light Color	Multicolor (RGB)
Control Method	App (Bluetooth), IR Remote
Special Features	Color Changing, Cuttable, Dimmable, Remote Controlled, Waterproof, Music Sync, Timer Function
Indoor/Outdoor Usage	Outdoor

9. Warranty and Support

DAYBETTER products are manufactured with quality and performance in mind. For warranty information or technical support, please refer to the product packaging or contact DAYBETTER customer service directly. Keep your purchase receipt for warranty claims.

