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> Lian Li UNI Fan TL Wireless 120-Single Pack-2.4 GHz Wireless Signal ARGB Fan-Infinity Mirror-Daisy-Chain Design-Customizable Lighting Effects-Controller NOT Included & Required - Black (12TL1W1B) 1 x 120mm Black Instruction Manual

Lian Li 12TL1W1B

Lian Li UNI Fan TL Wireless 120 - Instruction Manual

Model: 12TL1W1B

Brand: Lian Li

1. PRODUCT OVERVIEW

The Lian Li UNI Fan TL Wireless 120 is a high-performance ARGB fan designed for PC cooling, featuring 2.4 GHz wireless signal control, an infinity mirror design, and customizable lighting effects. This single pack does **NOT** include a controller, which is required for operation and must be purchased separately (e.g., from a UNI FAN TL/SL Wireless Triple Pack or PW24-1W-T). The fan is designed for simplified installation and efficient cable management within your PC build.

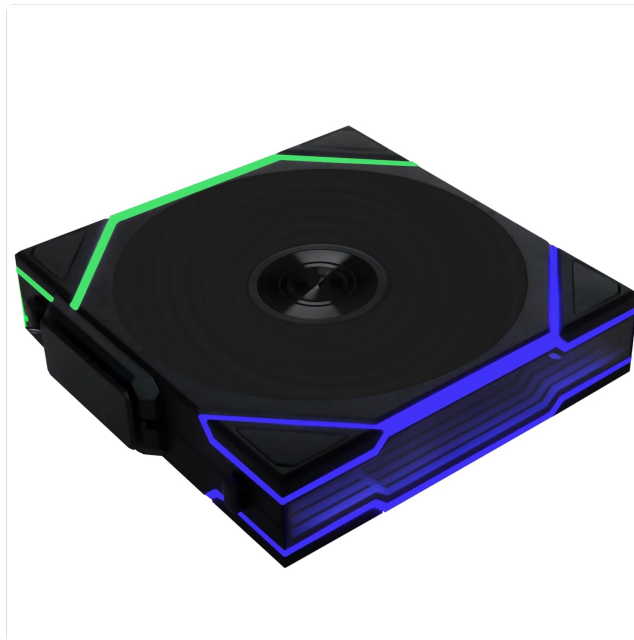


Figure 1: Lian Li UNI Fan TL Wireless 120. This image displays the fan's sleek black design with vibrant ARGB lighting along its edges, highlighting the infinity mirror effect.

2. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and longevity of your UNI Fan TL Wireless 120. Please follow these steps carefully.

2.1 Components Overview

The single pack includes the fan and a receiver. Ensure all components are present before proceeding.



Figure 2: Exploded view of the fan components. This image illustrates the various parts of the fan, including the frame, blades, and internal structure, emphasizing its robust construction.

2.2 Wireless Control Setup

The UNI Fan TL Wireless Series utilizes 2.4 GHz wireless technology for seamless control. A compatible L-Wireless Sync controller is required and sold separately.



Figure 3: Wireless transmission concept. This image shows the USB dongle controller and multiple fans, illustrating the wireless connectivity that eliminates cable clutter.

2.3 Connecting the L-Wireless Controller

The L-Wireless Controller serves as the essential hub for wireless control across all Lian Li L-Wireless Sync enabled products. It connects to your motherboard via a USB Type A port or a 9-PIN port.

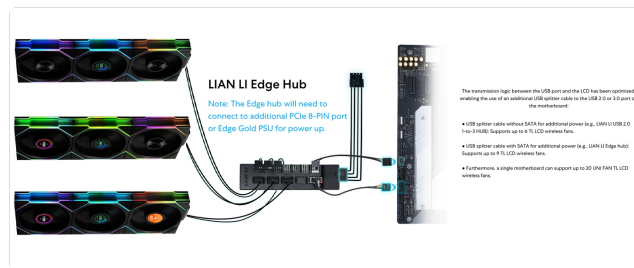


Figure 4: L-Wireless Controller connection methods. This diagram shows how to connect the L-Wireless Controller to a motherboard's USB Type A port or a 9-PIN port for power and data.

For fan groups, each fan requires connection to either a 12V PWM header or a 1-to-3 SATA splitter cable. For LCD versions, a USB 2.0 9-PIN cable connection to the motherboard is required to set the LCD screen.

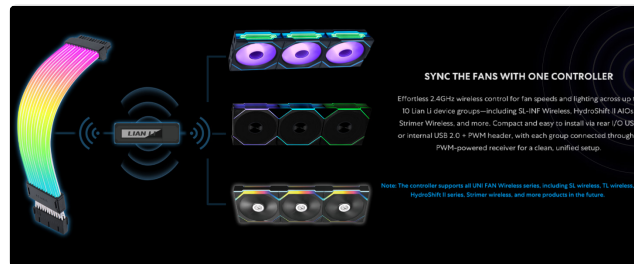


Figure 5: Connection requirements for fan groups. This image illustrates the different receivers for LCD and non-LCD versions, and how they connect to the fan and power sources.

2.4 Video Guide: PC Case with TL Wireless Fans

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Video 1: PC Crazy - Lian Li A3 PC Case with TL Wireless Fans. This video demonstrates the installation process of Lian Li TL Wireless Fans within a PC case, showcasing cable management and fan placement.

3. OPERATING YOUR UNI FAN TL WIRELESS 120

Once installed, the UNI Fan TL Wireless 120 offers extensive customization through the L-Connect 3 software.

3.1 L-Connect 3 Software Control

Gain complete control of your fans with L-Connect 3 software. Easily customize fan settings, RGB presets, and LCD content (for LCD versions) to achieve a tailored look and optimal performance for every scenario. You can set different fan speeds for each fan cluster to optimize different scenarios of use, providing flexibility for radiator or case fan needs.

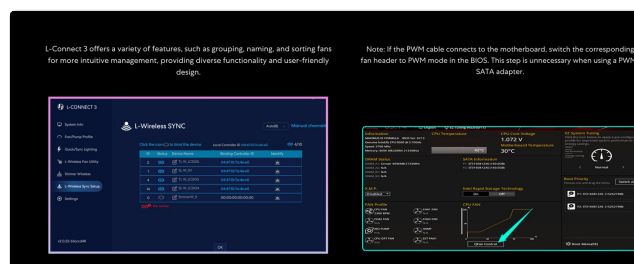


Figure 6: L-Connect 3 software interface. This screenshot displays the user interface of the L-Connect 3 software, showing options for fan speed control, lighting effects, and system information.

3.2 Customizable Lighting and LCD Visuals

Bring your setup to life with customizable RGB lighting and LCD visuals. The UNI FAN TL LCD WIRELESS (if applicable) supports MP4, GIF, JPG, and PNG formats, delivering vibrant colors and personalized displays for your ultimate PC aesthetic. You can mix and match fans into groups for versatile configurations.

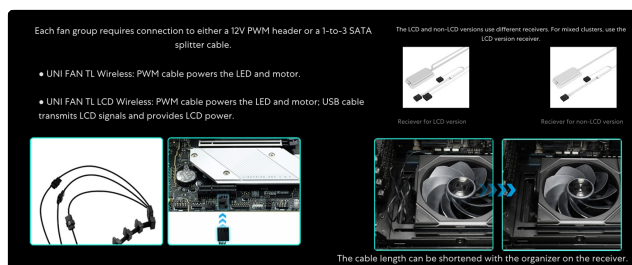


Figure 7: Customizable LCD screens. This image shows three fans with LCD screens displaying different visuals, highlighting the ability to upload custom images or videos.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your fan.

4.1 Software Updates

Ensure you are using the latest version of L-Connect 3 (2.0.31 or newer). Regularly check for and install updates to benefit from new features and performance improvements. Visit the official Lian Li website for the latest software.

4.2 Cleaning

Periodically clean the fan blades and frame to prevent dust buildup, which can impede airflow and reduce cooling efficiency. Use a soft, dry cloth or compressed air for cleaning. Ensure the fan is powered off before cleaning.

5. TROUBLESHOOTING

If you encounter issues with your UNI Fan TL Wireless 120, refer to the following common troubleshooting steps:

- **Controller Not Detected:** Ensure the L-Wireless Controller is properly connected to your motherboard's USB port. Try a different USB port if necessary.
- **Fan Not Spinning/Lighting:** Verify that power is supplied to the fan via SATA or an external PSU. Check all cable connections, including the PWM cable to the motherboard.
- **Software Issues (L-Connect 3):** Ensure L-Connect 3 is updated to the latest version. If issues persist, try reinstalling the software.
- **Driver Updates:** Ensure motherboard chipset drivers and Windows updates are fully up to date. Outdated drivers can sometimes cause compatibility issues.
- **Intermittent Operation:** If fans shut off and turn back on at high RPMs, check power connections and ensure the controller is receiving stable power. Consult Lian Li support if the issue persists.

6. SPECIFICATIONS

Detailed specifications for the Lian Li UNI Fan TL Wireless 120 (Model: 12TL1W1B):

Feature	Specification
Product Dimensions	5.24 x 1.42 x 6.5 inches; 9.7 ounces
Item Model Number	12TL1W1B
Date First Available	December 18, 2024
Manufacturer	LIAN LI
Power Connector Type	4-Pin

Feature	Specification
Voltage	12 Volts (AC)
Wattage	4.5 watts
Cooling Method	Air
Compatible Devices	Desktop
Noise Level	33 dB
Material	Plastic
Maximum Rotational Speed	2600 RPM
UPC	840353047990

7. WARRANTY AND SUPPORT

Lian Li products are manufactured to high standards. For warranty information and technical support, please refer to the official Lian Li website or contact their customer service directly. The product package includes the Fan and Receiver.

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