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› Lian Li UNI Fan TL LCD Wireless 120-Triple Pack Instruction Manual

Lian Li 12TLLCD1W3W

Lian Li UNI Fan TL LCD Wireless 120-Triple Pack Instruction Manual

Model: 12TLLCD1W3W | Brand: Lian Li

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Lian Li UNI Fan TL LCD Wireless 120-Triple Pack. This product features 2.4 GHz wireless signal technology, ARGB lighting, an infinity mirror design, and a customizable LCD display, offering enhanced aesthetics and performance for your PC build.

2. PACKAGE CONTENTS

- 3 x UNI Fan TL LCD Wireless 120mm Fans
- 1 x Wireless Controller
- 1 x USB 2.0 9-pin to USB Type-A Cable
- 1 x PWM 1-to-3 Cable
- Mounting Screws

3. FEATURES

- **2.4 GHz Wireless Control:** Eliminates cable clutter for fan speed, RGB lighting, and LCD display management.
- **Customizable RGB and Dual Zone Lighting Visuals:** Supports MP4, GIF, JPG, and PNG formats for vibrant colors and personalized displays.
- **Simplified Installation & Cable Management:** L-Wireless Sync technology allows for cleaner builds without traditional 5V ARGB and PWM headers.
- **L-Connect 3 Control Software:** Provides complete control over fan settings, RGB presets, and LCD content for optimal performance.
- **1.6" Circular LCD Screen:** Features 60Hz refresh rate and 400x400 resolution for exceptional customizability.
- **Liquid Crystal Polymer (LCP) Fan Blades:** Ensures efficient airflow and durability.

- **Fluid Dynamic Bearing (FDB):** Contributes to quiet operation and long lifespan.

4. SETUP AND INSTALLATION

The UNI Fan TL LCD Wireless system is designed for simplified installation. The included controller is essential for operation.

4.1 Controller Connection

The wireless controller needs to be connected to your motherboard. It features a USB 2.0 9-pin header for data transmission (especially for the LCD display) and a PWM header for power. If your motherboard lacks sufficient USB 2.0 headers, you can connect the controller directly to a USB port on the back of your motherboard or the front panel of your chassis.



Image: Wireless controller and its connection cables.

For the TL LCD Wireless version, two cables run out from the fan module: one for USB 2.0 (signal for the screen) and one PWM (dedicated for power). The controller supports up to 10 device groups, including various Lian Li wireless products.

4.2 Fan Module Connection

The fans feature a daisy-chain design, allowing multiple fans to connect directly to each other, significantly reducing cable clutter. The receiver/controller for the fans plugs directly into the side of the fan module. For the TL LCD Wireless version, the cable from the fan module connects to the controller, which then connects to the motherboard. The cable length can be managed by wrapping it around the connector cover.



Image: Diagram showing the Lian Li Edge Hub connection for multiple fans.

5. OPERATING INSTRUCTIONS

5.1 L-Connect 3 Software Control

Gain complete control over your fans using the L-Connect 3 software. This software allows you to customize fan settings, RGB presets, and LCD content. It automatically recognizes wireless devices for binding with the controller. Simply click the link icon in the software to bind devices; it will turn blue when successful. You can also bind all recognized devices at once.

SEAMLESS SOFTWARE

Able to set different fan speeds for each fan cluster to optimize different scenarios of use providing flexibility for radiator or case fan needs with L-Connect 3.

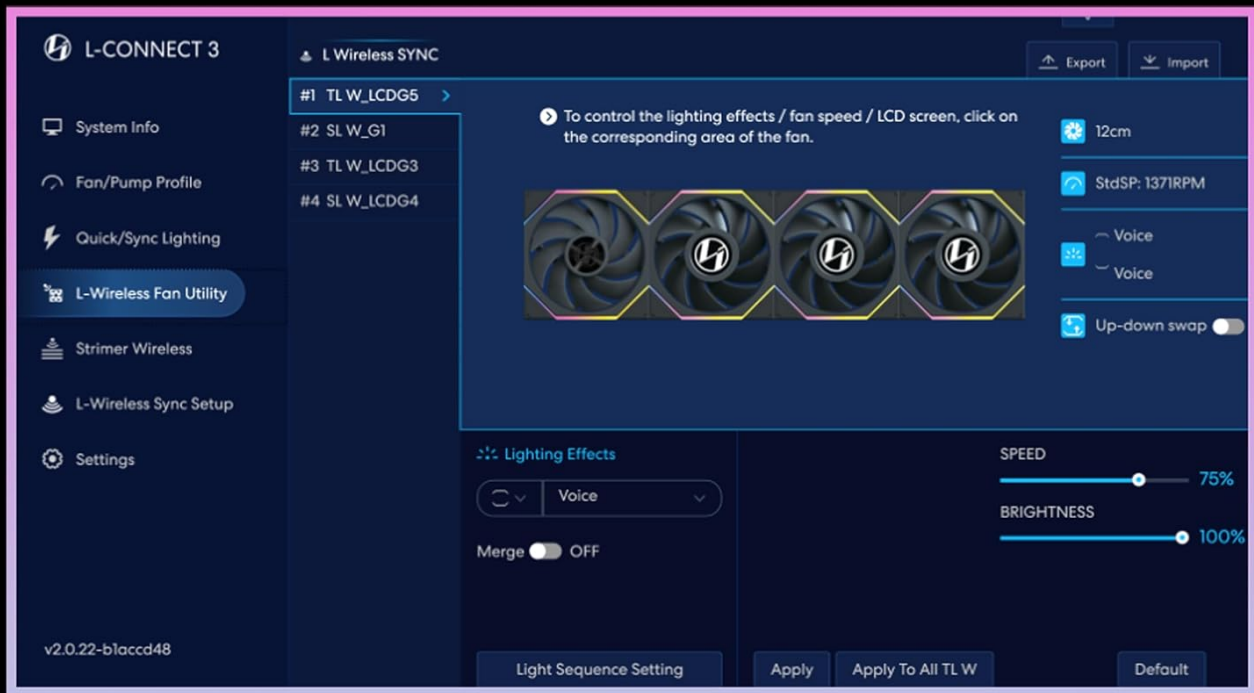


Image: L-Connect 3 software interface showing fan control and lighting effects.

5.2 LCD Display Customization

The 1.6-inch circular LCD screen on each fan can display various information and custom visuals. It supports MP4, GIF, JPG, and PNG formats, allowing for personalized displays. For clusters of 3 LCD fans, multiple data points can be displayed simultaneously, such as CPU temperature, GPU temperature, and fan RPM.

PRACTICAL AND STYLISH LCD SCREEN

The UNI FAN TL LCD Wireless carries forward the legacy of the world's first LCD-equipped fan. It features a 1.6" circular LCD screen with 60Hz refresh rate (upgraded from 30Hz) that integrates seamlessly with LIAN LI's L-Connect 3 software, offering exceptional customizability.

● 1.6" LCD

● 60HZ REFRESH RATE

● 400X400 RESOLUTION

● 500 NITS BRIGHTNESS

● SRGB 24-BIT

● IPS TYPE DISPLAY



Image: Close-up of the LCD screen displaying CPU and GPU temperatures, and fan RPM.

6. MAINTENANCE

- **Cleaning:** Regularly clean the fan blades and frame with a soft, dry cloth to prevent dust buildup, which can affect performance and noise levels.
- **Software Updates:** Ensure you are using the latest version of L-Connect 3 software. Check the Lian Li official website for updates to ensure optimal performance and access to new features.
- **Driver Updates:** Keep your motherboard chipset drivers and Windows operating system fully updated.

7. TROUBLESHOOTING

- **Fans Not Operating/LCD Not Displaying:** Ensure the controller is correctly connected to both the USB 2.0 header and the PWM header on your motherboard. Verify that power is supplied via SATA or an external PSU.
- **Connectivity Issues:** If experiencing issues with wireless control, ensure the L-Wireless Sync controller is properly connected and recognized by the L-Connect 3 software. Try re-binding the devices within the software.

- **Performance Issues:** Ensure all drivers (motherboard chipset, Windows) are up to date. Check fan profiles in L-Connect 3 to ensure they are set appropriately for your system's cooling needs.

8. SPECIFICATIONS

Attribute	Value
Product Dimensions	6.3 x 4.92 x 5.94 inches; 1.95 Pounds
Item Model Number	12TLLCD1W3W
Date First Available	December 18, 2024
Manufacturer	LIAN LI
Power Connector Type	Wireless
Voltage	12 Volts (AC)
Wattage	7.08 watts
Cooling Method	Air
Compatible Devices	Desktop
Noise Level	27 dB
Material	Plastic
Maximum Rotational Speed	1900 RPM
UPC	840353048102

9. WARRANTY AND SUPPORT

This product is covered by Lian Li's standard warranty. For detailed warranty information, technical support, and additional resources, please visit the official Lian Li website or their brand store on Amazon.

[Visit the Lian Li Brand Store on Amazon](#)