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Lian Li UNI FAN TL LCD 120

Lian Li UNI FAN TL LCD 120 Fan Instruction Manual

Model: UNI FAN TL LCD 120

Brand: Lian Li

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INTRODUCTION

The Lian Li UNI FAN TL LCD 120 is a high-performance cooling fan designed for PC cases, featuring an integrated 1.6-inch LCD IPS screen. This screen provides real-time system information and supports various media formats for customization. The fan incorporates an FDB bearing for enhanced stability and longevity, along with advanced RGB lighting and an interlocking system for simplified cable management.



Figure 1: Lian Li UNI FAN TL LCD 120 fan with vibrant RGB lighting.

SETUP

1. Unboxing and Component Identification

Carefully unbox the Lian Li UNI FAN TL LCD 120 package. Verify that all components are present:

- UNI FAN TL LCD 120 fans (3 units in a multi-pack)
- UNI FAN TL LCD Controller
- Mounting screws
- Cables for connection



Figure 2: Contents of the Lian Li UNI FAN TL LCD 120 multi-pack, including fans, controller, and accessories.

2. Physical Installation

1. **Mounting Fans:** Secure the UNI FAN TL LCD 120 fans into your PC case using the provided mounting screws. Ensure proper airflow direction for optimal cooling. The fans feature an interlocking system for easy daisy-chaining and reduced cable clutter.
2. **Controller Connection:** Connect the fans to the UNI FAN TL LCD Controller. Each port on the controller supports up to 3 UNI FAN TL LCD fans. The controller accommodates up to 7 LCD fans simultaneously.
3. **Power Connection:** Connect the controller to your power supply using a 6-pin PCIe power connector.
4. **Data Connection:** Connect the controller to an available USB header on your motherboard for software communication.



Figure 3: The Lian Li UNI FAN TL LCD Controller, showing its various cable connections.

3. Software Installation (L-Connect 3)

Download and install the latest version of the L-Connect 3 software from the official Lian Li website. This software is essential for controlling fan speed, RGB lighting, and customizing the LCD screens.

- Ensure the controller firmware is updated through L-Connect 3 before initial use to prevent potential issues.

OPERATION

1. L-Connect 3 Software Overview

The L-Connect 3 software provides comprehensive control over your UNI FAN TL LCD 120 fans. Key functionalities include:

- **Fan Speed Control:** Adjust fan RPM based on temperature curves or set to a fixed speed.
- **RGB Lighting Customization:** Configure various lighting effects, colors, and brightness for the two independent light zones on each fan.

- **LCD Screen Customization:** Upload custom images (JPG, PNG), GIFs, or MP4 videos to the 1.6-inch IPS LCD screen. Display real-time system information such as CPU temperature, CPU load, GPU temperature, GPU load, and fan speed.



Figure 4: The fan's LCD screen displaying CPU temperature.



Figure 5: Angled view of the fan, highlighting the LCD screen and RGB lighting.

2. Customizing LCD Display

The 1.6-inch LCD IPS screen (400x400 resolution) can be customized individually or synchronized across multiple fans. Use the L-Connect 3 software to:

- Select from pre-set system information displays (CPU/GPU temp/load, fan speed).
- Upload personal GIF, MP4, JPG, or PNG files for unique visual effects.
- Apply Lian Li exclusive flow-through animations.



Figure 6: The fan's LCD screen displaying product branding.

MAINTENANCE

1. Cleaning

Regular cleaning helps maintain optimal performance and longevity of your fans.

- **Dust Removal:** Periodically use compressed air or a soft brush to remove dust accumulation from the fan blades and frame.
- **Surface Cleaning:** Gently wipe the fan frame and LCD screen with a soft, dry, anti-static cloth. Avoid using harsh chemicals or abrasive materials.



Figure 7: Close-up of the fan blades, which should be kept free of dust.

2. Firmware Updates

Regularly check for and install firmware updates for the controller and software through L-Connect 3. Updates often include performance improvements, bug fixes, and new features.

TROUBLESHOOTING

Common Issues and Solutions

- **Fans Not Spinning/RGB Not Lighting Up:**
 - Ensure all cables are securely connected to the fans, controller, motherboard USB header, and PSU (6-pin PCIe).
 - Verify the controller is receiving power.
 - Check L-Connect 3 software for any error messages or if fans are detected.
- **LCD Screen Not Displaying Information/Custom Content:**

- Confirm L-Connect 3 software is running and up to date.
 - Ensure the fans are properly recognized by the software.
 - Re-upload custom content or re-select system information display options within L-Connect 3.
 - Check for any conflicting software that might interfere with L-Connect 3.
- **Inaccurate CPU/GPU Temperature Readings:**
 - Ensure L-Connect 3 has the necessary permissions to read system sensors.
 - Update L-Connect 3 software and controller firmware to the latest versions.
 - Restart the L-Connect 3 software or your computer.
- **Excessive Noise or Rattling:**
 - Verify fans are securely mounted and not vibrating against the case.
 - Check for any cables or obstructions touching the fan blades.
 - If noise persists, it may indicate a bearing issue. Contact Lian Li support.
- **L-Connect 3 Software Issues (Crashes, Bugs):**
 - Ensure your operating system is up to date.
 - Try reinstalling L-Connect 3.
 - Check Lian Li's official forums or support page for known issues and solutions.

SPECIFICATIONS

Feature	Detail
Model	UNI FAN TL LCD 120
Dimensions	4.72"L x 1.1"W x 4.72"H (120mm x 28mm x 120mm)
Bearing Type	Fluid Dynamic Bearing (FDB)
Maximum Rotational Speed	1900 RPM
Noise Level	31 Decibels (Max)
Power Connector Type	PCIe (for controller)
Voltage	12 Volts
Wattage	75 watts
Cooling Method	Air
Material	Copper
LCD Screen	1.6" IPS, 400x400 resolution
Supported Media Formats	GIF, MP4, JPG, PNG
Controller Capacity	Up to 7 LCD fans (3 per port)

WARRANTY & SUPPORT

For warranty information, technical support, or to report product issues, please contact Lian Li customer service directly. Keep your proof of purchase for warranty claims.

Visit the official Lian Li website for the most up-to-date support resources, FAQs, and contact information.