Lian Li CL120 ARGB 120mm PWM Fans - Triple Pack (12CL1W3B)

Lian Li UNI Fan CL120 ARGB 120mm PWM Fans - Triple Pack User Manual

Model: CL120 ARGB 120mm PWM Fans - Triple Pack (12CL1W3B)

INTRODUCTION

The Lian Li UNI Fan CL120 ARGB 120mm PWM Fans - Triple Pack offers an advanced cooling solution for your PC. These fans feature a 2.4 GHz wireless signal for RGB and PWM control, dual light zones for dynamic ARGB effects, and durable FDB bearings for quiet operation. Designed for optimized airflow, this triple pack includes a controller for comprehensive management of fan speeds and lighting.

Key Features:

- **Optimized Airflow:** 28mm thick fans deliver high static pressure (up to 2.52 mm H2O) and 2150 RPM (Standard).
- **Dynamic Dual-Zone ARGB:** Control fan blades and side strips independently for striking, layered lighting effects.
- **Wireless Receiver:** For easy setup and auto PWM recognition, designed to work seamlessly with standard 12V PWM motherboard headers.
- **Quiet Operation:** Equipped with FDB bearings for minimal noise (as low as 29.8 dBA).
- **Unified L-Connect 3:** Gain complete software control over fan speeds, RGB, and seamless sync across all your Lian Li devices.

WHAT'S IN THE BOX

Please verify that all components are present before proceeding with installation.

- 3 x Lian Li UNI Fan CL120 ARGB 120mm PWM Fans
- 1 x Wireless Receiver
- 1 x Controller
- 1 x SATA Power Cable
- Mounting Screws

Image: Three Lian Li UNI Fan CL120 ARGB fans shown connected together, illustrating the daisy-chain design.

SETUP AND INSTALLATION

Follow these steps to properly install your Lian Li UNI Fan CL120 ARGB fans.

1. Prepare the Fans

The UNI Fan CL120 fans feature a daisy-chain design, allowing multiple fans to connect directly to each other without individual cables for each fan. This simplifies cable management.

Image: Two UNI Fan CL120 fans interlocked, demonstrating the daisy-chain connection points.

1. Align the connection points on the side of the fans.
2. Gently push the fans together until they click into place, forming a single unit.
3. Repeat for all three fans if installing as a block.

2. Install the Controller and Wireless Receiver

The included controller and wireless receiver manage both fan speed (PWM) and RGB lighting.

Image: The compact controller unit for the Lian Li UNI Fan CL120 ARGB system.

1. Mount the controller in a suitable location within your PC case, typically using adhesive pads or screws (not included).
2. Connect the daisy-chained fans to the controller using the provided cable. Ensure the connection is secure.
3. Connect the wireless receiver to an available USB 2.0 header on your motherboard.
4. Connect the SATA power cable from your power supply unit (PSU) to the controller to provide power.
5. Connect the 4-pin PWM cable from the controller to an available 4-pin fan header on your motherboard. This allows the motherboard to control fan speeds.

3. Mount the Fans

1. Position the assembled fan unit in your desired location (e.g., front intake, top exhaust, radiator).
2. Secure the fans to the PC case or radiator using the provided mounting screws. Ensure they are tightened sufficiently to prevent vibration.

OPERATING INSTRUCTIONS

The Lian Li UNI Fan CL120 ARGB fans are controlled via the L-Connect 3 software.

1. Software Installation

1. Download the latest version of the L-Connect 3 software from the official Lian Li website.
2. Install the software by following the on-screen instructions.
3. Restart your computer after installation if prompted.

2. Fan Speed Control

Within the L-Connect 3 software, you can:

- Select predefined fan speed profiles (e.g., Silent, Standard, Performance).
- Create custom fan curves based on CPU or GPU temperature.
- Manually set a fixed RPM for all connected fans.

3. ARGB Lighting Control

The UNI Fan CL120 features dual-zone ARGB lighting, allowing for intricate lighting effects.

Image: A single UNI Fan CL120 fan illuminated with a spectrum of ARGB colors.

- Access the RGB lighting section in L-Connect 3.
- Choose from a variety of preset lighting effects.
- Customize individual lighting zones (fan blades and side strips) with different colors and effects.
- Synchronize lighting with other Lian Li ARGB products.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your fans.

- **Cleaning:** Periodically clean the fan blades and frames to remove dust buildup. Use a soft brush or compressed air. Ensure the PC is powered off before cleaning.
- **Inspection:** Check fan cables and connections for any signs of wear or damage. Ensure fans are securely mounted.

- **Software Updates:** Keep the L-Connect 3 software updated to benefit from performance improvements and new features.

Troubleshooting

If you encounter issues, refer to the following common problems and solutions.

Fans Not Spinning

- **Check Power:** Ensure the SATA power cable is securely connected from the PSU to the controller.
- **PWM Connection:** Verify the 4-pin PWM cable from the controller is correctly plugged into a motherboard fan header.
- **Daisy-Chain Connection:** Confirm all fans are properly interlocked and connected to the controller.
- **Software Settings:** Open L-Connect 3 and check if fan speeds are set to 0 RPM or if a profile is selected that prevents spinning.

ARGB Lighting Not Working

- **Controller Power:** Ensure the controller is receiving power via the SATA cable.
- **USB Connection:** Verify the wireless receiver is correctly connected to a functional USB 2.0 header on the motherboard.
- **Software Detection:** Ensure L-Connect 3 detects the controller and fans. Try restarting the software or your PC.
- **Daisy-Chain Connection:** Confirm all fans are properly interlocked. A loose connection can disrupt the ARGB signal.

L-Connect 3 Software Not Detecting Fans/Controller

- **USB Connection:** Re-check the USB 2.0 header connection for the wireless receiver. Try a different USB header if available.
- **Reinstall Software:** Uninstall and reinstall L-Connect 3.
- **Firmware Update:** Check the Lian Li website for any available firmware updates for the controller.

Specifications

Detailed technical specifications for the Lian Li UNI Fan CL120 ARGB 120mm PWM Fans.

Image: Rear view of a UNI Fan CL120, displaying model number, voltage, and certifications.

Feature	Specification
Brand	Lian Li
Model	UNI Fan CL120 ARGB
Fan Size	120mm
Fan Thickness	28mm
Power Connector Type	4-Pin PWM
Operating Voltage	12 Volts
Wattage	10 watts
Cooling Method	Air
Compatible Devices	Desktop PC

Feature	Specification
Noise Level	29.8 Decibels (Standard) / 30.8 dBA (Reverse Blade)
Maximum Rotational Speed	2150 RPM (Standard) / 2100 RPM (Reverse Blade)
Air Flow Capacity	77.34 Cubic Feet Per Minute (CFM)
Bearing Type	Fluid Dynamic Bearing (FDB)
Material	Aluminum, Plastic, Polycarbonate Thermoplastic
Item Weight	0.84 Kilograms (for the triple pack)
Included Components	Fan, Receiver, Controller, SATA Cable

WARRANTY INFORMATION

The Lian Li UNI Fan CL120 ARGB Triple Pack comes with a **3-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product meets its specified performance standards under normal use.

Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the official Lian Li website or contact customer support.

SUPPORT

For further assistance, technical support, or to download the latest software and drivers, please visit the official Lian Li website:

www.lian-li.com

You can also refer to the Lian Li Store on Amazon for product information and customer reviews.