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Model: Galahad II Trinity SL-INF 360mm

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Lian-Li Galahad II Trinity SL-INF 360mm All-In-One (AIO) ARGB CPU Liquid Cooler. This cooler is designed to provide efficient thermal management for desktop CPUs, featuring a 360mm radiator and customizable Addressable RGB (ARGB) lighting.

PACKAGE CONTENTS

Verify that all components listed below are present in your package before proceeding with installation.

- 360mm Radiator with pre-installed fans
- CPU Water Block/Pump Unit
- Mounting Brackets for various CPU sockets (Intel and AMD)
- Backplates
- Screws and Washers
- Thermal Paste
- L-Connect 3 Controller
- Cables for power and ARGB synchronization
- Interchangeable Pump Cover Designs



Figure 1: Included components for the Lian-Li Galahad II Trinity SL-INF 360mm AIO Liquid Cooler. This image displays the radiator with fans, CPU block, various mounting hardware for Intel and AMD sockets, thermal paste, controller, and interchangeable pump covers.

SETUP AND INSTALLATION

Before beginning installation, ensure your system is powered off and disconnected from the power source. Refer to your motherboard manual for specific CPU socket information.

1. Prepare the CPU Socket

1. Identify the correct mounting bracket and backplate for your CPU socket (Intel or AMD).
2. Install the backplate on the rear of the motherboard, aligning it with the CPU socket holes.
3. Secure the standoffs to the front of the motherboard through the backplate.

2. Install the Radiator and Fans

The Galahad II Trinity SL-INF 360mm comes with fans pre-installed on the radiator for convenience. Determine the optimal mounting location within your PC case (e.g., top, front) for the 360mm radiator.



Figure 2: Front view of the Lian-Li Galahad II Trinity SL-INF 360mm AIO Liquid Cooler, showing the radiator with three fans and the pump unit. The fans are pre-installed for ease of setup.



Figure 3: Side view of the Lian-Li Galahad II Trinity SL-INF 360mm AIO Liquid Cooler, highlighting the radiator's profile and the integrated fans. This view helps in assessing clearance within the PC case.

1. Mount the radiator to your chosen location using the provided screws. Ensure proper airflow direction (intake or exhaust) based on your case's cooling design.

3. Install the CPU Water Block/Pump Unit

1. Apply a thin, even layer of thermal paste to the center of your CPU's Integrated Heat Spreader (IHS).
2. Carefully place the CPU water block onto the CPU, aligning the mounting holes with the standoffs.
3. Secure the water block with the appropriate thumb screws, tightening them in a cross pattern until snug. Avoid over-tightening.



Figure 4: Close-up view of the copper cold plate on the Lian-Li Galahad II Trinity SL-INF 360mm AIO Liquid Cooler's pump unit. This plate makes direct contact with the CPU for heat transfer.

4. Connect Cables

1. Connect the pump power cable to the CPU_FAN or AIO_PUMP header on your motherboard.
2. Connect the fan cables to the L-Connect 3 controller.
3. Connect the L-Connect 3 controller to a SATA power connector from your power supply and a USB 2.0 header on your motherboard.
4. Connect the ARGB cable from the pump to the L-Connect 3 controller or directly to a compatible 5V ARGB header on your motherboard for synchronization.

OPERATING INSTRUCTIONS

Once installed, the cooler will operate automatically. For advanced control and customization, use the Lian-Li L-Connect 3 software.

ARGB Lighting Customization

The Galahad II Trinity series features extensive ARGB lighting on both the fans and the pump unit. The pump cap offers three interchangeable designs, each with unique visual effects and two individually controllable color rings.



Figure 5: Close-up of the pump cap on the Lian-Li Galahad II Trinity SL-INF 360mm AIO Liquid Cooler, showcasing its vibrant ARGB lighting and infinity mirror effect. The lighting can be customized via software.



Figure 6: Another view of the pump cap, demonstrating a different ARGB lighting pattern, specifically a red illumination. This highlights the customizable nature of the lighting effects.



Figure 7: A top-down perspective of the pump cap, displaying a rainbow ARGB effect. This illustrates the dynamic lighting capabilities and the various aesthetic options available.

- Download and install the L-Connect 3 software from the official Lian-Li website.
- Use the software to adjust fan speeds, pump speeds, and customize ARGB lighting effects and colors.
- Experiment with the different pump cover designs to achieve your preferred aesthetic.

MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your liquid cooler.

- **Dust Removal:** Periodically clean the radiator fins and fan blades using compressed air to prevent dust buildup, which can impede cooling performance.
- **Cable Management:** Ensure all cables are securely connected and not obstructing airflow.
- **Visual Inspection:** Occasionally inspect the tubing for any signs of leaks or damage. While rare, addressing issues promptly can prevent system damage.

TROUBLESHOOTING

If you encounter issues with your cooler, refer to the following common troubleshooting steps:

- **No Power/Fans Not Spinning:**

- Check all power connections, especially the SATA power to the L-Connect 3 controller and the pump power to the motherboard.
- Ensure the L-Connect 3 software is installed and running correctly.

- **ARGB Lighting Not Working/Incorrect Colors:**

- Verify ARGB cables are correctly connected to the L-Connect 3 controller or motherboard header.
- Ensure the L-Connect 3 software is updated and configured for your specific cooler model.
- Check for conflicts with other RGB software.

- **High CPU Temperatures:**

- Confirm the water block is securely mounted to the CPU and thermal paste was applied correctly.
- Check if the pump is running (you may hear a faint hum or feel vibrations in the tubing).
- Ensure fans are spinning and the radiator is free of dust.
- Verify fan and pump speeds are set appropriately in the L-Connect 3 software.

For further assistance, contact Lian-Li customer support.

SPECIFICATIONS

Feature	Detail
Product Dimensions	13"L x 10"W x 6"H
Brand	Lian Li
Power Connector Type	4-Pin
Voltage	5 Volts
Cooling Method	Air, Water
Compatible Devices	Desktop
Noise Level	35.4 Decibels
Material	Plastic
Maximum Rotational Speed	3200 RPM (Pump)
Air Flow Capacity	61.3 Cubic Feet Per Minute (Fan)
UPC	840353044388

WARRANTY AND SUPPORT

This product is listed with "No Warranty" information in the provided specifications. For any product-related inquiries, technical support, or warranty claims (if applicable through your retailer), please contact Lian-Li customer service directly or visit their official website for support resources.

You can find more information and support at the Lian Li Store on Amazon.

