

## Lian Li Galahad II LCD

# Lian-Li Galahad II LCD CPU Liquid Cooler (360mm, Black)

Model: Galahad II LCD

## 1. INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your Lian-Li Galahad II LCD CPU Liquid Cooler. This all-in-one (AIO) liquid cooler is designed to deliver superior thermal performance for high-end CPUs, featuring an integrated LCD screen for system monitoring and personalization.



*Image 1.1: The Lian-Li Galahad II LCD CPU Liquid Cooler, showcasing the radiator, three SL-Infinity fans, and the pump block with its customizable LCD display.*

## 2. PACKAGE CONTENTS

Please verify that all components are present before beginning installation. The package should contain the following items:

- Lian-Li Galahad II LCD 360mm Radiator with Integrated Pump/Cold Plate
- 3 x SL-Infinity 120mm Fans
- Mounting Hardware for Intel and AMD Sockets
- Thermal Paste (pre-applied or in a syringe)
- Fan and RGB Controller
- Required Cables (USB, PWM, ARGB)
- User Manual



Image 2.1: Included mounting hardware and accessories for the Galahad II LCD cooler.

### 3. SPECIFICATIONS

Feature	Detail
Model	Galahad II LCD
Radiator Size	360mm
Pump Type	Asetek 8th Gen
LCD Screen	2.88" IPS (480x480 pixels, 500 nits)
Fan Type	SL-Infinity 120mm (Fluid Dynamic Bearing)
Noise Level	As low as 26.7 dBA
Compatible Sockets	Intel LGA 1700/1200/115x, AMD AM5/AM4
Material	Aluminum (Radiator)

Feature	Detail
Power Connector	4-Pin
Voltage	1 Volts
Wattage	19.6 watts
Product Dimensions	18"L x 9"W x 6"H



*Image 3.1: The 360mm aluminum radiator, a key component for heat dissipation.*

## 4. COMPATIBILITY

The Lian-Li Galahad II LCD CPU Liquid Cooler offers broad compatibility with modern CPU sockets:

- **Intel Sockets:** LGA 1700, LGA 1200, LGA 115x (1150, 1151, 1155, 1156)
- **AMD Sockets:** AM5, AM4

Ensure your motherboard and CPU socket type match the supported list for proper installation and function.

## 5. SETUP AND INSTALLATION

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Proper installation is crucial for optimal performance. Please refer to the detailed installation guide provided in your package for step-by-step instructions specific to your CPU socket. A general overview of the installation process includes:

1. **Prepare Your System:** Power down your computer and disconnect all cables. Remove your existing CPU cooler.
2. **Install Backplate (if required):** Attach the appropriate backplate to the rear of your motherboard, aligning it with the CPU socket holes.
3. **Mount Radiator and Fans:** Secure the radiator and pre-attached fans to an available mounting location in your PC case (e.g., top, front, or side). Ensure proper airflow direction.
4. **Apply Thermal Paste:** If not pre-applied, apply a small amount of thermal paste to the center of your CPU's integrated heat spreader (IHS).
5. **Install Pump/Cold Plate:** Carefully place the pump/cold plate assembly onto the CPU, aligning the mounting holes. Secure it with the appropriate screws and brackets for your CPU socket.
6. **Connect Cables:** Connect the pump's PWM cable to the CPU\_FAN header on your motherboard. Connect the fan cables and RGB cables to the included controller, and then connect the controller to your motherboard's USB header and a SATA power connector. Ensure all connections are secure.
7. **Software Installation:** Download and install the Lian-Li L-Connect software from the official Lian-Li website to control the LCD display, fan speeds, and RGB lighting.

For detailed visual instructions, always consult the comprehensive installation manual included with your product.

## 6. OPERATING THE COOLER AND LCD DISPLAY

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Once installed and powered on, the Lian-Li Galahad II LCD cooler will begin cooling your CPU. The integrated 2.88" IPS LCD screen on the pump block offers extensive customization options via the L-Connect software:

- **System Monitoring:** Display real-time CPU temperature, GPU temperature, fan speeds, and other system statistics.
- **Custom Images & GIFs:** Upload and display your favorite images or animated GIFs to personalize your system's aesthetic.
- **Custom Text:** Showcase custom text messages or system information.
- **Lighting Effects:** Synchronize the LCD's lighting with the SL-Infinity fans' ARGB effects.

Use the L-Connect software to configure these settings to your preference.

## 7. MAINTENANCE

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

- **Dust Removal:** Periodically clean the radiator fins and fan blades using compressed air to remove dust buildup. Dust can impede airflow and reduce cooling efficiency.
- **Inspect Tubing:** Check the tubing for any signs of kinks, leaks, or damage. Ensure the connections to the pump and radiator are secure.
- **Fan Inspection:** Ensure all fans are spinning freely and quietly. Replace any fans that exhibit excessive noise or reduced performance.

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

Do not attempt to open the pump or radiator, as this will void the warranty and may cause damage.

## 8. TROUBLESHOOTING

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If you encounter issues with your Lian-Li Galahad II LCD cooler, consider the following troubleshooting steps:

- **No Power/No RGB:**
  - Check all power connections, especially the SATA power to the controller.
  - Ensure the USB cable from the controller is securely connected to a motherboard USB header.
  - Verify that the L-Connect software is installed and running.
- **High CPU Temperatures:**
  - Confirm the pump is running (you may feel a slight vibration or hear a faint hum).
  - Ensure the cold plate is making proper contact with the CPU. Re-seat the cooler if necessary, and re-apply thermal paste.
  - Check fan orientation and ensure they are pushing air through the radiator effectively.
  - Clean any dust buildup on the radiator fins.
- **LCD Screen Not Displaying:**
  - Verify the USB connection from the pump to the controller and from the controller to the motherboard.
  - Ensure the L-Connect software is installed and updated.
  - Check for any error messages within the L-Connect software.
- **Excessive Noise:**
  - Identify if the noise is coming from the fans or the pump.
  - Adjust fan curves in the L-Connect software or BIOS to reduce fan speed.
  - If pump noise is excessive, ensure the pump is running at its recommended speed and that there are no air bubbles trapped in the loop (tilting the case gently may help dislodge them).

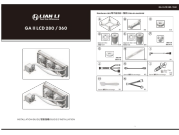
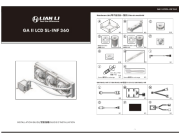
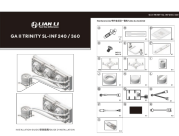
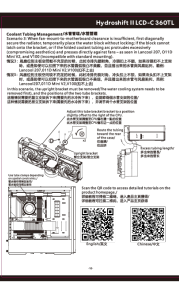
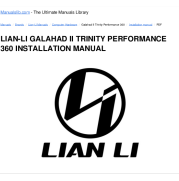
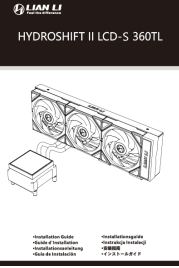
If issues persist after following these steps, please contact Lian-Li customer support.

## 9. WARRANTY AND SUPPORT

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Lian-Li products are manufactured to the highest quality standards. This product is covered by a manufacturer's warranty against defects in materials and workmanship. The specific warranty period and terms may vary by region. Please retain your proof of purchase for warranty claims.

For technical support, warranty inquiries, or to download the latest software and drivers, please visit the official Lian-Li website or contact their customer service department. You can find more information and resources at [www.lian-li.com](http://www.lian-li.com).

	<p><a href="#">Lian Li Galahad II LCD 280/360 Installation Guide</a></p> <p>A comprehensive guide for installing the Lian Li Galahad II LCD 280 and 360 All-In-One CPU Liquid Cooler, detailing hardware components, mounting procedures for Intel and AMD platforms, chassis installation, and cable connections.</p>
	<p><a href="#">Lian Li Galahad II LCD SL-INF 360 Installation Guide</a></p> <p>Comprehensive installation guide for the Lian Li Galahad II LCD SL-INF 360 all-in-one liquid CPU cooler, covering hardware compatibility, mounting procedures for Intel and AMD platforms, chassis installation, fan configuration, and cable connections.</p>
	<p><a href="#">Lian Li Galahad II Trinity SL-INF 240/360 Installation Guide</a></p> <p>Comprehensive installation guide for the Lian Li Galahad II Trinity SL-INF 240 and 360 All-In-One liquid CPU coolers, detailing hardware components, mounting instructions for Intel and AMD platforms, pump customization, and cable connections.</p>
	<p><a href="#">Hydroshift II LCD-C 360TL CPU Cooler: Installation and Features Guide</a></p> <p>Comprehensive guide to installing and using the LIAN LI Hydroshift II LCD-C 360TL CPU cooler, covering wiring, modes (Offline, Real-Time, Wireless), and FCC compliance.</p>
	<p><a href="#">Lian Li Galahad II Trinity Performance 360 AIO Cooler Installation Manual &amp; Guide</a></p> <p>Comprehensive installation guide for the Lian Li Galahad II Trinity Performance 360 All-in-One (AIO) liquid CPU cooler. Includes hardware list, step-by-step instructions for Intel and AMD platforms, and cable connection details.</p>
	<p><a href="#">LIAN LI HydroShift II LCD-S 360TL AIO Liquid CPU Cooler Installation Guide</a></p> <p>Comprehensive installation guide for the LIAN LI HydroShift II LCD-S 360TL All-In-One (AIO) liquid CPU cooler, covering parts identification, Intel LGA1700/1851 and AMD AM4/AM5 socket installation, water tubing management, and software customization.</p>