

Lian Li HSLCD36RW

Lian Li Hydroshift 360 AIO Instruction Manual

Model: HSLCD36RW

INTRODUCTION

The Lian Li Hydroshift 360 AIO (All-In-One) liquid cooler is designed to provide efficient cooling performance for your desktop PC while offering a clean and aesthetically pleasing build. This model, HSLCD36RW, features pre-installed ARGB fans, a unique side-mounted coolant pathway, and an integrated 2.88-inch LCD screen for real-time monitoring and customization. It is compatible with a range of CPU sockets including LGA 1851, 1700, 1200, AM5, and AM4.

This manual provides essential information for the proper installation, operation, and maintenance of your Hydroshift 360 AIO cooler to ensure optimal performance and longevity.

PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged. The standard package for the Lian Li Hydroshift 360 AIO (HSLCD36RW) typically includes:

- Lian Li Hydroshift 360 AIO Radiator with integrated pump and LCD display
- Three pre-installed ARGB fans
- Mounting hardware for Intel (LGA 1851, 1700, 1200) and AMD (AM5, AM4) sockets
- Thermal paste (pre-applied or in a tube)
- Controller and necessary cables (USB, fan, RGB)
- User Manual (this document)

If any components are missing or damaged, please contact your retailer or Lian Li customer support.

SETUP AND INSTALLATION

Before beginning installation, ensure your system is powered off and disconnected from the power source. Refer to your motherboard and PC case manuals for specific instructions regarding component installation and clearances.

1. Prepare Your System

- Clear the CPU socket area of any obstructions.

- If replacing an existing cooler, carefully remove it and clean any old thermal paste from the CPU IHS (Integrated Heat Spreader) using isopropyl alcohol and a lint-free cloth.
- Identify the appropriate mounting hardware for your CPU socket (Intel or AMD).

2. Radiator and Fan Placement

The Hydroshift 360 AIO features a side-mounted coolant pathway, integrating cooling tubes with the radiator for a streamlined appearance. The pre-installed ARGB fans are daisy-chained for simplified cable management.



Image: The Hydroshift AIO with its unique side-mounted tubes, designed for a clean, near-tubeless aesthetic within your PC build.



Image: Illustration of the Hydroshift AIO's innovative side-mounted design, where cooling tubes are attached to the side of the radiator for a clean, streamlined appearance.

Mount the radiator to an available fan mounting location in your PC case (e.g., top, front, or side). Ensure adequate airflow and clearance for other components. The pre-installed fans are optimized for performance and quiet operation.

3. CPU Block Installation

Attach the appropriate backplate and standoffs to your motherboard according to your CPU socket type. Carefully place the CPU block onto the CPU, aligning the mounting holes. Secure the CPU block with the provided thumb screws or nuts, tightening them in a cross pattern until snug. Avoid over-tightening.

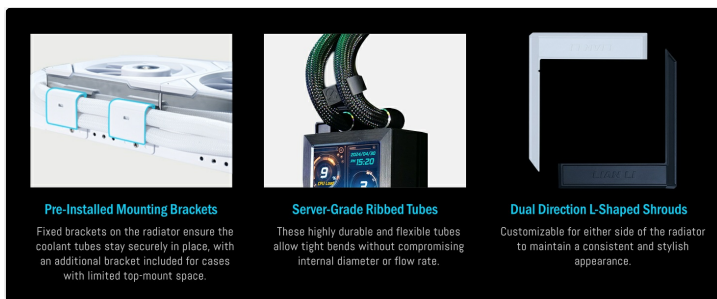


Image: Details of the pre-installed mounting brackets on the radiator, server-grade ribbed tubes for tight bends, and dual-direction L-shaped shrouds for consistent aesthetics.

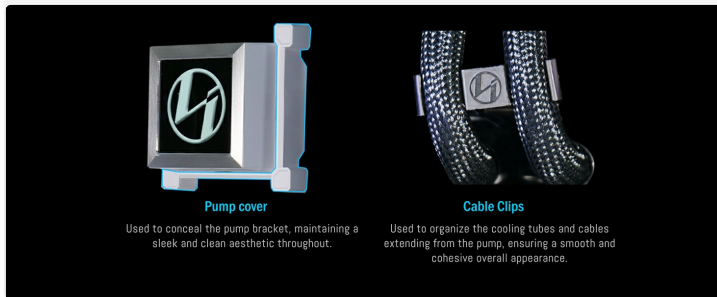


Image: The pump cover conceals the pump bracket for a clean look, and cable clips help organize tubes and cables for a cohesive appearance.

4. Cable Management

The Hydroshift AIO features optimized cable management. The fan cables are integrated into the cooling tubes, simplifying the connection process. The USB cable for the LCD display and control is also integrated into the pump unit.

- Connect the pump's 4-pin PWM cable to the CPU_FAN or AIO_PUMP header on your motherboard.
- Connect the USB cable from the pump to an available internal USB 2.0 header on your motherboard.
- Connect the ARGB cable from the fans to an available 3-pin 5V ARGB header on your motherboard or to a dedicated ARGB controller.



the fan cables are integrated into the cooling tubes, simplifying the connection process.



The USB cable is now also integrated into the pump.

OPTIMIZED CABLE MANAGEMENT

Compared to previous AIO products, the HydroShift AIO has optimized its cable management.

Image: Illustration of the optimized cable management, showing fan cables integrated into cooling tubes and the USB cable integrated into the pump for a cleaner build.

OPERATING INSTRUCTIONS

Once installed, the Lian Li Hydroshift 360 AIO operates automatically to cool your CPU. The integrated LCD screen and

L-Connect 3 software provide advanced control and monitoring capabilities.

1. Initial Power On and BIOS Settings

- After completing all connections, power on your system.
- Enter your motherboard's BIOS/UEFI settings.
- Ensure the CPU_FAN or AIO_PUMP header is set to PWM mode and configured to provide full power to the pump for optimal performance.

2. L-Connect 3 Software

The L-Connect 3 software is essential for customizing the LCD display, controlling fan and pump speeds, and managing RGB lighting. Download the latest version of L-Connect 3 from the official Lian Li website.

LCD Display Features:

The 2.88-inch IPS LCD screen features a 480x480 resolution, 500 nits brightness, and 24-bit full color, offering a vibrant display for system information and custom content.



- 2.88" IPS LCD Screen
- 480 x 480 Resolution
- Cover the mounting screw



L-CONNECT 3
SUPPORT

Image: A detailed view of the 2.88-inch IPS LCD screen, highlighting its 480x480 resolution and L-Connect 3 software support for customization.

- **Real-time Monitoring:** Display CPU temperature, load, frequency, GPU information, and more. The layout is adjustable, and the number of sensors has increased for comprehensive data.

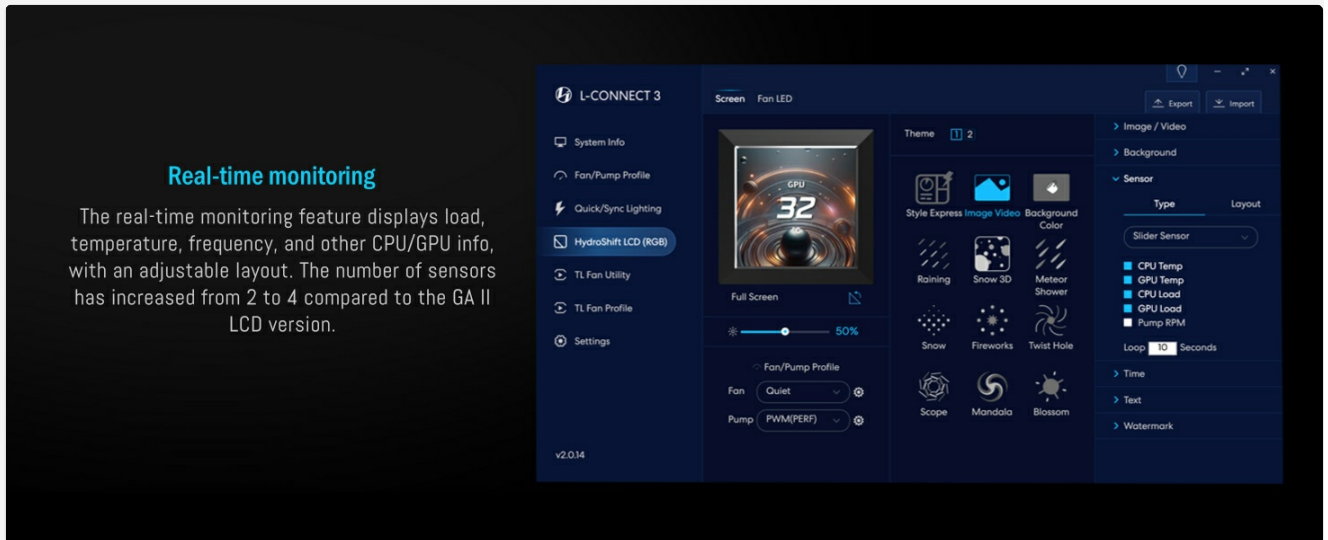


Image: Screenshot of the L-Connect 3 software, illustrating the real-time monitoring feature with adjustable layouts for displaying various system metrics.

- **Dynamic Effects:** Apply dynamic visual effects to the display. These effects can be adjusted in intensity and speed, or configured to change based on monitored hardware information.

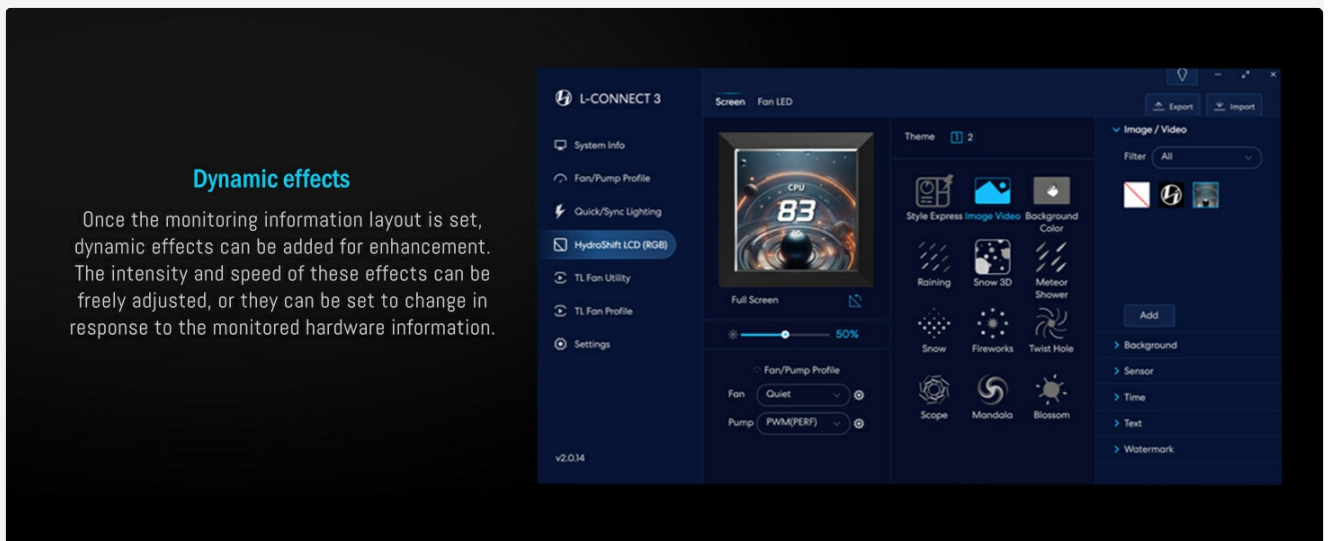


Image: Screenshot of the L-Connect 3 software, demonstrating the dynamic effects feature that can be applied to the LCD display.

- **Captured Images & Videos:** Capture screenshots or record short video clips to display on the LCD. This feature allows for personalized backgrounds based on hardware monitoring info.

Captured screenshots or recorded videos

Capture and display images with the screenshot feature. The screen recording function lets you loop selected video parts, which can also serve as backgrounds for hardware monitoring info.



Image: Screenshot of the L-Connect 3 software, detailing the function to capture and display images or recorded videos on the LCD screen.

- **New Themes:** L-Connect 3 offers multiple themes like Atmosphere, Planet City, and Steampunk, providing unique visuals and preset layouts.

New theme

The HydroShift A10 release brings L-Connect 3 updates with multiple themes like Atmosphere, Planet City, and Steampunk, also compatible with the GA II LCD series. These themes offer unique visuals and preset layouts for hardware monitoring.

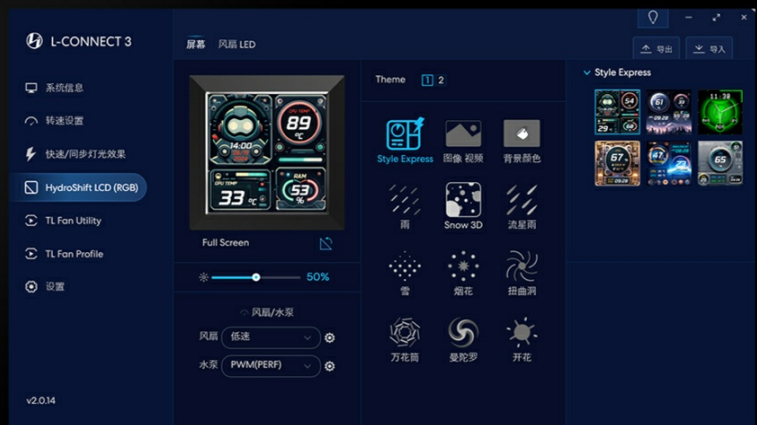


Image: Screenshot of the L-Connect 3 software, showcasing the variety of new themes available for the LCD display.

Fan and Pump Control:

L-Connect 3 allows you to set custom fan curves and pump speeds based on CPU temperature or other system parameters. This enables fine-tuning of cooling performance and noise levels.



Pre-installed RGB Daisy-Chain Fans

FAN SPEED	300~2400 RPM
STATIC PRESSURE	3.26mm H ₂ O (Max.)
AIRFLOW	79.9 CFM (Max.)
ACOUSTIC NOISE	30 db(A)

Image: Specifications for the pre-installed RGB daisy-chain fans, detailing fan speed (300-2400 RPM), static pressure (3.26mm H₂O Max.), airflow (79.9 CFM Max.), and acoustic noise (30 db(A)).

Enhance Performance, Unobstructed Waterflow

PUMP SPEED 3200RPM (Max.)

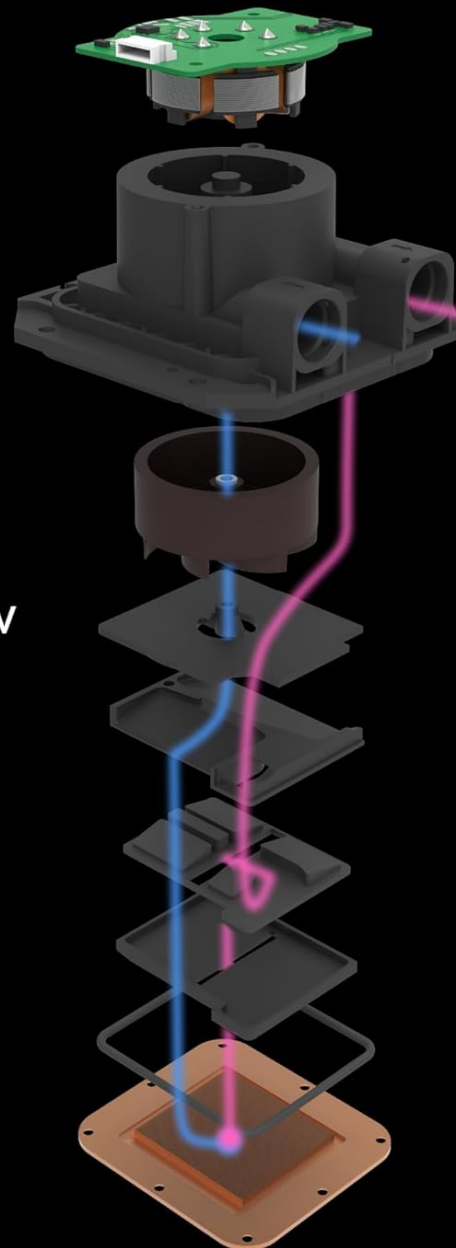


Image: An exploded diagram of the Hydroshift AIO pump, illustrating the internal design that ensures enhanced performance through unobstructed waterflow, with a maximum pump speed of 3200 RPM.

MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your Lian Li Hydroshift 360 AIO cooler.

- **Dust Removal:** Periodically clean dust from the radiator fins and fan blades using compressed air or a soft brush. Dust accumulation can impede airflow and reduce cooling efficiency.
- **Check Connections:** Ensure all cables (fan, pump, USB, ARGB) are securely connected to the motherboard and controller.
- **Inspect Tubing:** Visually inspect the coolant tubes for any signs of kinks, leaks, or damage. While the tubes are durable, proper routing is important.
- **Software Updates:** Keep the L-Connect 3 software updated to the latest version to benefit from performance improvements, new features, and bug fixes.

TROUBLESHOOTING

If you encounter issues with your Hydroshift 360 AIO, refer to the following common troubleshooting steps:

Issue	Possible Cause	Solution
High CPU Temperatures	Improper CPU block mounting, insufficient thermal paste, dust accumulation on radiator, pump not running, fans not spinning.	Re-seat CPU block, re-apply thermal paste, clean radiator/fans, check pump/fan connections, ensure pump is set to full speed in BIOS.
LCD Screen Not Displaying	Loose USB connection, L-Connect 3 software issue, driver conflict.	Check internal USB 2.0 cable connection, restart L-Connect 3, reinstall L-Connect 3, update motherboard BIOS/chipset drivers.
Fans Not Spinning/RGB Not Working	Loose fan/ARGB connections, L-Connect 3 software issue, insufficient power.	Check fan/ARGB cable connections, ensure L-Connect 3 is running and configured correctly, verify power supply connections.
Unusual Noise from Pump/Fans	Air bubbles in loop (pump), fan bearing noise, foreign object in fan.	Gently tilt the PC case to help dislodge air bubbles, check fan blades for obstructions, consider adjusting fan/pump speeds in L-Connect 3.

If the issue persists after attempting these steps, please contact Lian Li customer support for further assistance.

SPECIFICATIONS

Feature	Specification
Model Number	HSLCD36RW
Product Dimensions (L x W x H)	15.93 x 4.69 x 1.22 inches (404.6 x 119.1 x 31 mm)
Weight	4.5 Pounds (2.04 kg)
Cooling Method	Liquid (Water)
Radiator Material	Aluminum
Cold Plate Material	Copper
Compatible CPU Sockets	Intel: LGA 1851, 1700, 1200 AMD: AM5, AM4
Fan Type	ARGB Daisy-Chain Fans (Pre-installed)
Fan Speed	300 - 2400 RPM (Max.)
Fan Airflow	79.9 CFM (Max.)
Fan Static Pressure	3.26 mmH2O (Max.)
Acoustic Noise (Fans)	30 dB(A)
Pump Speed	3200 RPM (Max.)

Feature	Specification
Power Connector Type	4-Pin (PWM)
Voltage	5 Volts (AC)
Wattage	10.5 Watt-hours
LCD Screen Size	2.88 inches
LCD Screen Resolution	480 x 480 pixels
LCD Screen Brightness	500 nits
LCD Screen Color Depth	24-bit Full Color
Control Software	L-Connect 3

WARRANTY INFORMATION

Lian Li products are covered by a limited warranty. The specific terms and duration of the warranty may vary by region and product. Please retain your proof of purchase for warranty claims.

For detailed warranty information, including coverage, limitations, and the claims process, please visit the official Lian Li website or contact their customer support directly.

CUSTOMER SUPPORT

If you require technical assistance, have questions about your product, or need to initiate a warranty claim, please contact Lian Li customer support through the following channels:

- **Official Website:** Visit the Lian Li official website for FAQs, driver downloads, software updates, and support contact information.
- **Online Support Portal:** Many issues can be resolved through their online support portal, which may include ticketing systems or knowledge bases.
- **Email/Phone:** Contact details for email and phone support are typically available on the Lian Li website.

For the most up-to-date support information, please visit the [Lian Li Store on Amazon](#) or the official Lian Li global website.