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AsiaHorse Eclipse GF Fan

Asiahorse Eclipse GF 120mm RGB PC Case Fans with Hub and Remote - Instruction Manual

Comprehensive guide for installation, operation, and maintenance.

INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of the Asiahorse Eclipse GF 120mm RGB PC Case Fans (5-Pack). Please read this manual thoroughly before use to ensure proper functionality and safety.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 5 x 120mm RGB Fans
- 1 x Wired ARGB Controller (Fan Hub)
- 1 x Remote Control
- Mounting Screws



Image: The complete package contents including five 120mm RGB fans, a fan hub, and a remote control.

SPECIFICATIONS

Feature	Detail
Product Dimensions	4.72"L x 0.98"W x 4.72"H (120mm x 25mm x 120mm)
Weight	2.31 Pounds (for 5-pack)
Brand	AsiaHorse
Power Connector Type	4-Pin (PWM)
Voltage	12 Volts
Wattage	5.2 watts

Cooling Method	Air
Compatible Devices	Desktop PCs
Noise Level	20.1 dBA (min) - 23.2 dB (max)
Maximum Rotational Speed	1500 RPM ±10%
Airflow	33.42 CFM (max)
Static Pressure	0.87-1.62 mmH2O
Bearing Type	Hydraulic Bearing
LEDs	24 Independently Controlled ARGB LEDs per fan
RGB Sync	5V 3-Pin ARGB Header (Compatible with Asus Aura, ASRock RGB, Gigabyte Fusion, MSI RGB)

UNIQUE ARGB LED CONTROLLER

Set Up Custom Fan



**Only Support
ASIAHORSE Eclipse Series**

Image: A visual representation of the fan's performance metrics, including 1500 RPM speed, 1.02 mmH2O wind pressure, and 33.42 CFM air quantity.

SAFETY INFORMATION

- Ensure your computer is powered off and unplugged before installation.
- Handle components with care to avoid damage.
- Refer to your motherboard manual for specific ARGB header locations and voltage requirements.
- Do not force connectors. Ensure correct orientation before plugging in.

SETUP AND INSTALLATION

1. Connecting the Fans to the Hub

1. Connect each 120mm RGB fan to the fan hub. The hub supports up to six RGB fans. Ensure the connectors are securely seated.

2. The fan hub has dedicated ports for both fan power/PWM control and ARGB lighting. Connect the corresponding cables from each fan to the hub.



Image: The Asiahorse fan hub demonstrating connections for multiple fans and its interaction with the remote control for custom fan setup.

2. Powering the Fan Hub

- Connect the fan hub to your power supply unit (PSU) using the appropriate power cable (e.g., SATA power connector).

3. Motherboard Synchronization (Optional)

For motherboard ARGB synchronization, connect the 5V 3-pin ARGB connector from the fan hub to a compatible 5V 3-pin ARGB header on your motherboard.

- Compatible motherboards include those with Asus Aura Sync, ASRock RGB, Gigabyte Fusion, and MSI RGB.
- If using motherboard synchronization, ensure the remote control is set to motherboard control mode (refer to the Operating section).

VERSATILE INSTALLATION OPTIONS

Chassis



Air Cooler



Water Cooler

Image: A visual guide illustrating the correct 5V 3-pin ARGB connection for motherboard synchronization and an incorrect connection example.

4. Mounting the Fans

Install the fans into your PC case, air cooler, or water cooler radiator using the provided mounting screws. Ensure proper airflow direction for optimal cooling.

HIGH PERFORMANCE COOLING FAN

Move More Air And Cool The Cpu Better

ⓘ **SPEED**

1500

±10%

RPM

🌀 **WIND PRESSURE**

1.02 MAX

±10%

mmH2O

≡ **AIR QUANTITY**

33.42 MAX

±10%

CFM



Image: Examples of versatile installation options for the fans, including mounting in a PC chassis, on an air cooler, and on a water cooler radiator.

OPERATING INSTRUCTIONS

Using the Remote Control

The included remote control allows for adjustment of RGB lighting effects, brightness, and fan speed.

- **Power On/Off:** Press the power button to turn the fan lights on or off.
- **Mode Selection:** Cycle through various lighting modes and effects.
- **Color Adjustment:** Select specific colors or color patterns.
- **Brightness Control:** Increase or decrease the brightness of the LEDs.
- **Fan Speed Control:** Adjust the fan rotational speed.
- **Motherboard Sync Toggle:** Press the button with a triangle and three small circles to switch between remote control and motherboard ARGB software control. When this button is pressed, the motherboard software (e.g., Asus

Aura Sync) will take control of the RGB lighting.



Image: The remote control for the Asiahorse RGB fans, showing buttons for power, mode, color, brightness, and fan speed adjustments.

PWM Control

The fan controller supports PWM (Pulse Width Modulation) for dynamic speed adjustment. When connected to a compatible motherboard header, the fan speed can be automatically adjusted based on system temperature or manually controlled via motherboard software.

The dynamic speed adjustment ranges from 1500RPM $\pm 10\%$.

MAINTENANCE

- **Cleaning:** Periodically clean the fan blades and housing to prevent dust buildup, which can reduce cooling efficiency and increase noise. Use compressed air or a soft brush.
- **Inspection:** Regularly check fan cables for secure connections and signs of wear or damage.
- **Bearing:** The fans feature hydraulic bearings designed for long-term, quiet operation. No lubrication is required.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Fans not spinning	No power to fan hub. Loose connection. Faulty fan.	Ensure fan hub is connected to PSU. Check all fan and hub connections. Test individual fans if possible.
RGB lighting not working or incorrect colors	Loose ARGB connection. Remote control not in correct mode. Motherboard software conflict. Faulty LED.	Check 5V 3-pin ARGB connection to hub/motherboard. Ensure remote is not locked or is in the desired control mode (remote or motherboard sync). If using motherboard sync, ensure remote is set to motherboard control. Verify motherboard ARGB software settings.
Fans are noisy	Dust buildup. Loose mounting screws. Fan bearing issue.	Clean fans thoroughly. Tighten mounting screws. If noise persists, contact support.
Cannot control fan speed via motherboard	PWM cable not connected. Motherboard not detecting PWM.	Ensure 4-pin PWM cable from hub is connected to motherboard fan header. Check BIOS/UEFI settings for fan control.

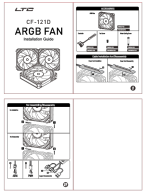
WARRANTY AND SUPPORT

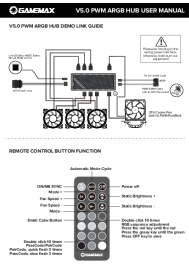
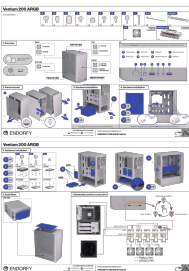
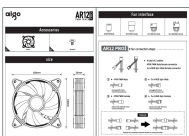
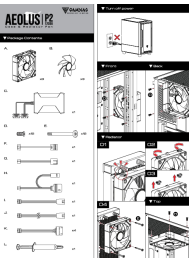

AsiaHorse products are designed for reliability and performance. For warranty information or technical support, please refer to the official AsiaHorse website or contact their customer service directly.

For common issues, please refer to the troubleshooting section of this manual.

Official AsiaHorse Website: www.asiahorse.com

Related Documents - Eclipse GF Fan

	<p>LTC CF-121D ARGB FAN Installation Guide - PC Cooling</p> <p>This installation guide provides step-by-step instructions for the LTC CF-121D ARGB FAN. It details the included accessories, how to install and disassemble the fan, and how to connect the ARGB and PWM cables for optimal PC cooling and lighting effects.</p>
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	<p>GAMEMAX V5.0 PWM ARGB HUB User Manual and Demo Link Guide</p> <p>User manual and connection guide for the GAMEMAX V5.0 PWM ARGB HUB, detailing its features, connections, and remote control functions for PC lighting and fan control.</p>
	<p>Endorfy Ventum 200 ARGB PC Case Installation Guide and Safety Instructions</p> <p>Comprehensive guide to installing the Endorfy Ventum 200 ARGB PC case, including hardware installation steps, fan connections, and essential safety information.</p>
	<p>Aigo AR12 PRO PWM Fan: Installation and Specifications</p> <p>Comprehensive guide for the Aigo AR12 PRO PWM fan, detailing its accessories, dimensions, fan interface types, and step-by-step connection instructions for PC cooling setups.</p>
	<p>GAMDIAS AEOLUS P2 1203U ARGB PWM Fan Installation Guide</p> <p>Comprehensive guide for installing and connecting the GAMDIAS AEOLUS P2 1203U ARGB PWM Case & Radiator Fan, including package contents and wiring instructions.</p>
	<p>GAMEMAX Brufen COC PC Case User Manual</p> <p>Detailed user manual for the GAMEMAX Brufen COC Mid Tower PC Case, covering specifications, installation guides for components like motherboard, PSU, VGA, HDD/SSD, cooling systems, and ARGB hub.</p>