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ALSEYE X12

ALSEYE X12 ARGB PWM 120mm Case Fan Instruction Manual

Model: X12

Introduction

Thank you for choosing the ALSEYE X12 ARGB PWM 120mm Case Fan. This fan is designed to provide efficient and quiet cooling for your computer system, featuring vibrant Addressable RGB (ARGB) lighting and precise Pulse Width Modulation (PWM) control. This manual provides essential information for proper installation, operation, and maintenance to ensure optimal performance and longevity of your fan.

Product Features

- **Striking X-Type ARGB Design:** Features a unique X-shaped ARGB configuration with 26 LED lights, offering dynamic, vibrant lighting effects that elevate your PC's aesthetics.
- **Superior Cooling Performance:** Designed with a 120×120×30mm frame, this fan operates at 800–1700 RPM, delivering an optimal airflow of 28.5–53.2 CFM while maintaining low noise levels of 19.3–38.6 dB(A) ±10%.
- **Advanced PWM Control:** Equipped with PWM functionality for precise speed regulation, ensuring efficient cooling and minimized noise for high-performance systems.
- **Enhanced Build Quality & Blade Performance:** The fan frame is double-sprayed and UV-treated to provide a smooth, glossy finish that is highly durable and wear-resistant. Combined with concave-convex blades that reduce airflow resistance and boost thrust, this fan delivers quiet yet effective cooling. Constructed with premium PBT and an FDB bearing, it boasts a lifespan of up to 60,000 hours.
- **Comprehensive Accessories Included:** Comes with a black 1.25 7-pin male connector transitioning to a 2510 4-pin cable (500mm), an AURA 3-pin male-to-female cable (700mm), plus 4 anti-vibration pads for secure installation and noise reduction.

Package Contents

Verify that all components are present before proceeding with installation:

- ALSEYE X12 ARGB PWM 120mm Case Fan
- 1.25 7-pin male connector to 2510 4-pin cable (500mm)
- AURA 3-pin male-to-female cable (700mm)
- 4x Anti-vibration pads
- Mounting Screws (typically included with fan, though not explicitly listed in 'whats_in_the_box', implied by installation)



Image: ALSEYE X12 Wukong fans shown in their retail packaging.

Setup

1. **Prepare Your PC Case:** Identify the desired mounting location for the fan within your PC case. Ensure there is adequate space and proper airflow direction.
2. **Attach Anti-Vibration Pads:** Apply the included anti-vibration pads to the corners of the fan frame. These pads help reduce noise and vibration during operation.



Image: A close-up view of the ALSEYE X12 fan corner, illustrating the placement of an anti-vibration pad.

3. **Mount the Fan:** Position the fan in the chosen location and secure it using the provided mounting screws. Ensure the fan is oriented correctly for intake or exhaust airflow as per your system's cooling design.
4. **Connect PWM Cable:** Connect the 4-pin PWM cable from the fan to an available 4-pin fan header on your motherboard. This allows for automatic fan speed control based on system temperature.
5. **Connect ARGB Cable:** Connect the 3-pin ARGB cable from the fan to a compatible 3-pin 5V ARGB header on your motherboard or an ARGB controller. Ensure the connection is correct to avoid damage (do not connect to a 12V RGB header).



Image: The ALSEYE X12 fan highlighting its ARGB lighting capabilities with 26 LEDs on both the blades and frame.

6. **Cable Management:** Route cables neatly to prevent interference with other components and to maintain good airflow within the case.

Operating Instructions

Once installed, the ALSEYE X12 fan operates automatically based on your system's settings.

- **PWM Control:** The fan's speed is controlled by the motherboard's PWM signal. You can typically adjust fan curves and profiles through your motherboard's BIOS/UEFI settings or dedicated software provided by your motherboard manufacturer. This allows the fan to spin faster under heavy loads for increased cooling and slower during idle periods for reduced noise.



Image: The ALSEYE X12 fan demonstrating airflow direction and key performance specifications like Air Flow, Static Pressure, Noise Level, Fan Speed, and Bearing Type.

- **ARGB Lighting Control:** The ARGB lighting can be synchronized and customized using your motherboard's ARGB software (e.g., ASUS Aura Sync, MSI Mystic Light Sync, GIGABYTE RGB Fusion, ASRock Polychrome Sync) or a standalone ARGB controller. Refer to your motherboard or controller manual for specific instructions on adjusting lighting effects, colors, and patterns.

Maintenance

Regular maintenance helps ensure optimal performance and extends the lifespan of your fan.

- **Dust Cleaning:** Periodically inspect the fan blades and frame for dust accumulation. Use compressed air or a soft, dry cloth to gently remove dust. Ensure the fan is powered off and disconnected from the power supply before cleaning.
- **Inspection:** Check for any loose cables or obstructions that might impede fan rotation.

Troubleshooting

Problem	Possible Cause	Solution
Fan not spinning	Loose or incorrect power connection; Disabled in BIOS; Faulty fan header.	Check 4-pin PWM cable connection. Ensure fan header is enabled in BIOS. Try connecting to a different fan header.
ARGB lights not working	Loose or incorrect ARGB connection; Connected to 12V RGB header; Software issue.	Verify 3-pin ARGB cable connection to a 5V ARGB header. Check ARGB software settings. Ensure not connected to a 12V RGB header.
Excessive noise or vibration	Loose mounting screws; Missing anti-vibration pads; Obstruction; Fan defect.	Tighten mounting screws. Ensure anti-vibration pads are installed. Remove any obstructions. If problem persists, contact support.
Poor cooling performance	Incorrect fan orientation; Dust accumulation; Low fan speed settings.	Check fan direction (intake/exhaust). Clean dust from fan blades. Adjust fan speed curve in BIOS/software to higher RPMs.

Specifications

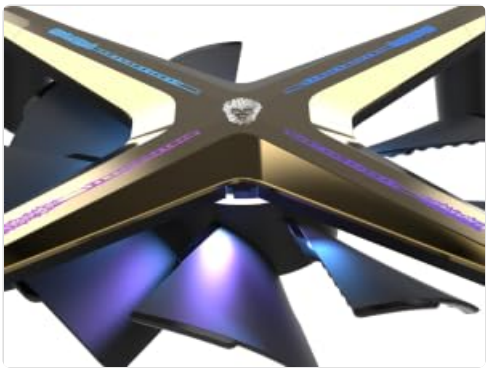


Image: Technical drawing of the ALSEYE X12 fan, illustrating its 120mm x 120mm dimensions.

Specification	Value
Brand	ALSEYE
Model	X12
Fan Dimensions	120 x 120 x 30 mm
Voltage	12 Volts (DC)
Wattage	4.2 watts
Cooling Method	Air
Compatible Devices	PC Case
Noise Level	19.3–38.6 dB(A) ±10%
Material	Polybutylene Terephthalate (PBT)
Maximum Rotational Speed	1700 RPM
Air Flow Capacity	28.5–53.2 CFM
Bearing Type	FDB (Fluid Dynamic Bearing)

Specification	Value
Lifespan	Up to 60,000 hours

Official Product Video

Your browser does not support the video tag.

Video: An official product video showcasing the design, features, and lighting effects of the ALSEYE X12 Case Fans.

Warranty and Support

ALSEYE products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your product or visit the official ALSEYE website. If you encounter any issues or require technical assistance, please contact ALSEYE customer support through their official channels.

For further assistance, you may visit the ALSEYE Store on Amazon.

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Example: How do I reset this device or fix this error?

Details

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