

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

> [aigo](#) /

> [aigo AF12 3-in-1 ARGB Fan Kit Instruction Manual](#)

## aigo AF123IN1-BK

# aigo AF12 3-in-1 ARGB Fan Kit Instruction Manual

---

## INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your aigo AF12 3-in-1 ARGB Fan Kit. Please read this manual thoroughly before use to ensure proper functionality and longevity of the product.

## PRODUCT FEATURES

The aigo AF12 3-in-1 ARGB Fan Kit offers efficient cooling and customizable lighting for your computer system. Key features include:

- **Model:** AF123IN1-BK
- **Fan Quantity:** 3 x 120mm fans
- **Fan Speed:** 800-2000 RPM ( $\pm 10\%$ )
- **Fan Noise Level:**  $\leq 30$  dBA
- **Air Flow:** 86.6 CFM
- **Static Pressure:** 1.27mm-H<sub>2</sub>O
- **Working Current (Motor):**  $\leq 0.2$ A (12V)
- **Working Current (Light):**  $\leq 0.48$ A (5V)
- **Dimensions:** 120 x 120 x 25 mm
- **ARGB Lighting:** Addressable RGB lighting for customizable effects.

## PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- 3 x aigo AF12 ARGB Fans
- Mounting Screws
- ARGB Controller (if included in kit)
- Cables (Power, ARGB Sync)

## INSTALLATION GUIDE

Follow these steps to properly install your aigo AF12 ARGB fans into your computer case.

1. **Prepare Your System:** Power off your computer and disconnect it from the power source. Open your computer case.
2. **Identify Mounting Locations:** Determine the desired locations for your fans (e.g., front, top, rear, bottom of the case). Ensure proper airflow direction.
3. **Mount the Fans:** Position each fan in its chosen location. Use the provided mounting screws to secure the fans to the case. Ensure the fan blades are not obstructed.



Image: An aigo AF12 fan viewed from an angle, highlighting the mounting points on its corners. This illustrates how the fan is secured.

4. **Connect Power Cables:** Connect the 3-pin power connector from each fan to an available fan header on your motherboard or fan controller.
5. **Connect ARGB Cables:** Connect the ARGB cable from each fan to the ARGB controller (if applicable) or directly to a compatible 5V 3-pin ARGB header on your motherboard. Ensure correct pin orientation to avoid damage.



Image: A side profile of the aigo AF12 fan, illustrating the thickness and potential locations for cable connections on the frame.

6. **Cable Management:** Route cables neatly to prevent interference with other components and to improve airflow.
7. **Close Case and Power On:** Close your computer case, reconnect the power, and power on your system.

## OPERATING INSTRUCTIONS

Once installed, your aigo AF12 ARGB fans will operate automatically based on your system's fan control settings. The ARGB lighting can be controlled via your motherboard's software or a dedicated ARGB controller.

### Fan Speed Control

Fan speed can typically be adjusted through your motherboard's BIOS/UEFI settings or through fan control software provided by your motherboard manufacturer. Refer to your motherboard manual for specific instructions.

### ARGB Lighting Control

If connected to a 5V 3-pin ARGB header on your motherboard, use your motherboard's ARGB synchronization software (e.g., ASUS Aura Sync, MSI Mystic Light Sync, GIGABYTE RGB Fusion, ASRock Polychrome Sync) to customize lighting effects, colors, and patterns.

If using a dedicated ARGB controller (often included with fan kits), refer to the controller's specific instructions for lighting adjustments.

## MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your fans.

- **Dust Cleaning:** Periodically clean dust from the fan blades and housing using compressed air or a soft brush. Ensure the system is powered off before cleaning.
- **Cable Check:** Verify that all cables are securely connected and free from damage.
- **Noise Monitoring:** Listen for unusual noises, which may indicate a fan bearing issue or obstruction.

## TROUBLESHOOTING

If you encounter issues with your aigo AF12 ARGB fans, refer to the following common solutions:

### Fans Not Spinning

- **Check Power Connection:** Ensure the fan's 3-pin power connector is securely plugged into the motherboard or controller.
- **Check BIOS Settings:** Verify that fan headers are enabled in your motherboard's BIOS/UEFI settings.
- **Test Another Header:** Try connecting the fan to a different fan header to rule out a faulty header.

### ARGB Lights Not Working

- **Check ARGB Connection:** Ensure the 5V 3-pin ARGB connector is correctly and securely plugged into the motherboard or controller. Verify the pin orientation.
- **Check Software:** Confirm that your motherboard's ARGB software is installed and configured correctly.
- **Compatibility:** Ensure your motherboard has a compatible 5V 3-pin ARGB header. This product is not compatible with 12V 4-pin RGB headers.

### Excessive Noise

- **Check for Obstructions:** Ensure no cables or other components are touching the fan blades.
- **Mounting Screws:** Verify that all mounting screws are tightened to prevent vibrations.
- **Dust Buildup:** Clean any dust from the fan blades.

## TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	aigo
Model	AF123IN1-BK
Fan Quantity	3 x 120mm
Fan Speed	800 ± 2000 ± 10% RPM
Fan Noise	≤ 30dBA
Airflow	86.6 CFM

Static Pressure	1.27mm-H <sub>2</sub> O
Working Current (Motor)	≤ 0.2A (12V)
Working Current (Light)	≤ 0.48A (5V)
Dimensions	120 x 120 x 25 mm
Power Connector Type	3-Pin
Voltage	12 Volts
Cooling Method	Air
Compatible Devices	Desktop
Item Weight	10.6 ounces

## WARRANTY AND SUPPORT

This aigo product comes with a **12-month warranty** from the date of purchase, covering manufacturing defects.

For technical support, warranty claims, or further assistance, please visit the official aigo store or contact their customer service through the details provided on their website.

**Official aigo Store:** [aigo Store on Amazon](#)