

## GIM KB-23

# GIM KB-23 RGB Case Fan 120mm User Manual

Model: KB-23

## 1. INTRODUCTION

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This manual provides instructions for the installation, operation, and maintenance of your GIM KB-23 RGB Case Fan. Please read this manual thoroughly before installation and use to ensure proper function and safety.

The GIM KB-23 is a 120mm case fan designed to enhance airflow within your computer chassis while providing customizable RGB lighting effects.

## 2. SAFETY INFORMATION

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Always observe the following safety precautions:

- Ensure your computer is powered off and unplugged from the wall outlet before installation or maintenance.
- Discharge any static electricity from your body by touching a grounded metal object before handling components.
- Do not force connectors. Ensure proper alignment before connecting.
- Keep small parts, such as screws, away from children.
- Avoid touching the fan blades while the fan is operating.

## 3. PACKAGE CONTENTS

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Verify that all items are present in your package:

- 1 x GIM KB-23 120mm RGB Case Fan
- 4 x Mounting Screws

## 4. SETUP AND INSTALLATION

Follow these steps to install your GIM KB-23 RGB Case Fan:

#### 4.1 Preparation

- Power off your computer and unplug the power cable from the wall outlet.
- Open your computer case to access the fan mounting locations.
- Identify an appropriate 120mm fan mounting position within your case. Consider airflow direction (intake or exhaust).

#### 4.2 Mounting the Fan

Position the fan in the desired mounting location. Use the four included mounting screws to secure the fan to the case. Ensure the screws are tightened firmly but do not overtighten to avoid damaging the fan frame or case.



*Image 1: GIM KB-23 RGB Case Fan. This image shows the fan's design and typical appearance when installed.*

#### 4.3 Connecting the Fan

Locate the 6-pin power connector on the GIM KB-23 fan cable. Connect this cable to a compatible GIM RGB fan controller (sold separately or included with multi-pack fan kits). The fan will not function or light up without a compatible controller.

Ensure the connector is fully seated. Route the cables neatly to maintain good airflow and aesthetics within your case.

## 5. OPERATING INSTRUCTIONS

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Once installed and connected to a compatible GIM RGB fan controller, the fan will begin operating when your computer is powered on.

- **Fan Speed:** The fan speed is typically controlled by the GIM RGB fan controller or motherboard software, depending on the controller's capabilities and how it's connected to your system.
- **RGB Lighting:** The RGB lighting effects are managed through the GIM RGB fan controller. Refer to your GIM controller's manual for specific instructions on changing lighting modes, colors, and brightness.

## 6. MAINTENANCE

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Regular maintenance helps ensure optimal performance and longevity of your fan.

- **Cleaning:** Periodically clean the fan blades and frame to remove dust buildup. Use a can of compressed air or a soft, dry cloth. Ensure the computer is powered off and unplugged before cleaning.
- **Inspection:** Check cables for any signs of wear or damage. Ensure all connections remain secure.

## 7. TROUBLESHOOTING

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If you encounter issues with your GIM KB-23 RGB Case Fan, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fan not spinning	Not connected to controller Controller not powered Faulty fan/controller	Ensure 6-pin connector is fully seated in the GIM controller. Verify the GIM controller is receiving power from the PSU. Test with another fan or controller if available.
RGB lights not working	Incorrect connection Controller issue Software settings	Confirm the 6-pin connector is correctly inserted into the GIM controller. Check the GIM controller's power and functionality. Adjust RGB settings via the GIM controller or associated software.
Excessive noise	Loose mounting screws Obstruction Fan defect	Tighten mounting screws. Ensure no cables or objects are touching the fan blades. If noise persists, the fan may be defective.

## 8. SPECIFICATIONS

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Feature	Detail
Model	KB-23
Dimensions (L x W x H)	4.72" x 0.98" x 4.72" (120mm x 25mm x 120mm)
Power Connector Type	6-Pin (Proprietary GIM)
Voltage	12 Volts
Wattage	1.96 Watts
Cooling Method	Air
Compatible Devices	Desktop Computers
Noise Level	25 Decibels (dB)
Maximum Rotational Speed	1300 RPM

## 9. WARRANTY AND SUPPORT

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For warranty information or technical support, please contact GIM customer service through their official website or the retailer where the product was purchased. Keep your proof of purchase for warranty claims.