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KOLINK GEKL-108

Observatory Y Mesh ARGB Midi Tower Case User Manual

Model: GEKL-108
Brand: KOLINK

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your KOLINK Observatory Y Mesh ARGB Midi Tower Case. Please read this manual thoroughly before beginning installation to ensure proper setup and optimal performance.
The KOLINK Observatory Y Mesh ARGB Midi Tower Case is designed for high-performance computing systems, offering excellent airflow and aesthetic appeal with its tempered glass side panel and ARGB lighting.

2. Product Features

- Mid tower ATX case with mesh front panel and tempered glass side window.
- Includes four pre-installed 120mm ARGB fans with controller support.
- Supports ATX, Micro-ATX, and Mini-ITX motherboards.
- High airflow design ideal for gaming and high-performance systems.
- Radiator support up to 360mm in front and 240mm at the top.
- Tempered glass side panel for enhanced aesthetics and durability.
- RGB lighting for customizable color schemes.
- Front I/O includes 2x USB 2.0, 2x USB 3.0, and audio jacks.
- Drive bays: 2x 3.5-inch slots, 3x 2.5-inch slots.
- Maximum graphics card length: 38 cm.
- Maximum CPU cooler height: 17.5 cm.

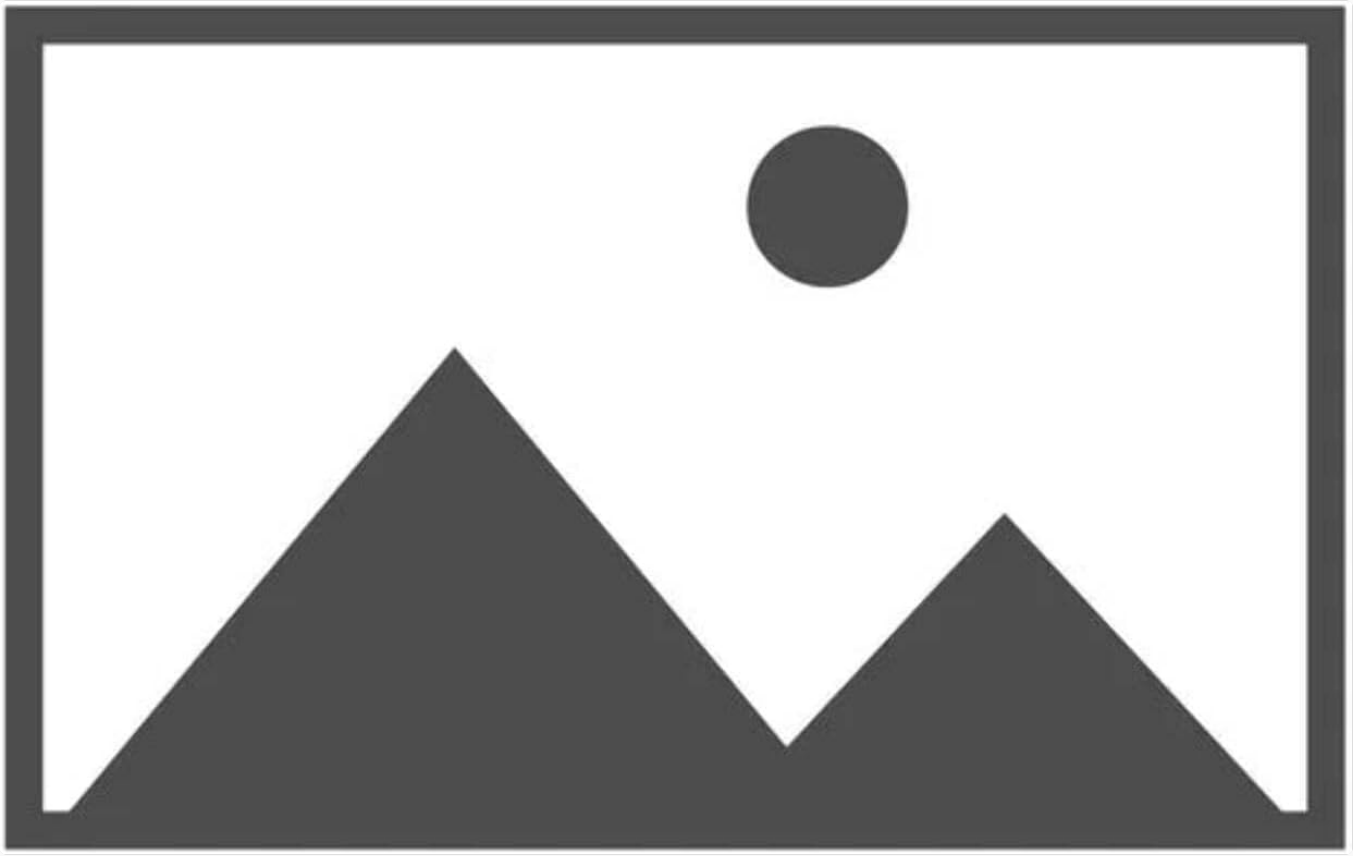

Figure 2.1: Front view of the KOLINK Observatory Y Mesh ARGB Midi Tower Case, showcasing the mesh front panel and the overall structure.

3. Setup Instructions

1. **Unpacking:** Carefully remove the case from its packaging. Inspect for any shipping damage. Retain the packaging for future transport.
2. **Accessing the Interior:** Remove the tempered glass side panel by unscrewing the thumb screws located at the rear of the case. Gently slide the panel backward and lift it off.
3. **Motherboard Installation:** Install the necessary standoffs for your motherboard form factor (ATX, Micro-ATX, Mini-ITX). Carefully place the motherboard into the case, aligning it with the standoffs and I/O shield opening. Secure it with screws.
4. **Power Supply Installation:** Mount your ATX power supply in the designated compartment at the rear bottom of the case. Secure it with screws.
5. **Storage Drive Installation:**
    - For 3.5-inch drives: Utilize the drive cages, typically located near the power supply shroud. Slide the drive into the tray and secure it.
    - For 2.5-inch drives: Mount SSDs/HDDs to the dedicated 2.5-inch mounting points, usually behind the motherboard tray or on the PSU shroud.
6. **Graphics Card and Expansion Cards:** Remove the necessary PCIe slot covers. Insert your graphics card and other expansion cards into the motherboard's PCIe slots and secure them with screws.
7. **Cable Management:** Route all power cables and data cables through the cutouts in the motherboard tray to the rear of the case. Utilize cable ties or Velcro straps for neatness.
8. **Front Panel Connections:** Connect the front panel cables (USB 2.0, USB 3.0, Audio, Power Switch, Reset Switch, HDD LED, Power LED) to the corresponding headers on your motherboard. Refer to your motherboard manual for pin assignments.

9. **ARGB Fan Connections:** The pre-installed ARGB fans are connected to a controller. Ensure the controller is powered and connected to your motherboard's ARGB header (if applicable) for software control, or use the integrated button for preset effects.
10. **Closing the Case:** Once all components are installed and cables managed, reattach the tempered glass side panel and secure it with the thumb screws.

4. Operating Instructions

After completing the setup, ensure all external peripherals (monitor, keyboard, mouse, power cable) are connected.

1. **Power On:** Press the power button located on the front I/O panel of the case.
2. **ARGB Lighting Control:**
    - If connected to a motherboard ARGB header, use your motherboard's RGB software (e.g., ASUS Aura Sync, MSI Mystic Light, Gigabyte RGB Fusion) to customize lighting effects and colors.
    - If not connected to a motherboard header, use the dedicated ARGB control button on the case (if available) to cycle through pre-programmed lighting modes.
3. **USB Ports:** Utilize the front panel USB 2.0 and USB 3.0 ports for connecting external devices such as USB drives, keyboards, and mice.
4. **Audio Jacks:** The front panel 3.5mm audio jacks are for connecting headphones/speakers and a microphone. Ensure your audio drivers are correctly installed.

Note: For detailed instructions on operating your computer's software and operating system, please refer to their respective manuals.

5. Maintenance

Regular maintenance helps ensure optimal performance and longevity of your PC components.

- **Dust Cleaning:** Periodically clean dust filters (if present) and internal components using compressed air. Ensure the system is powered off and unplugged before cleaning.
- **Fan Inspection:** Check fans for dust buildup and ensure they are spinning freely. Clean fan blades gently if necessary.
- **Cable Management Check:** Occasionally verify that cables are still neatly routed and not obstructing airflow.
- **Exterior Cleaning:** Wipe the exterior of the case with a soft, damp cloth. Avoid abrasive cleaners or solvents, especially on the tempered glass.

6. Troubleshooting

This section addresses common issues you might encounter.

- **No Power:**
    - Ensure the power supply switch is in the 'ON' position.
    - Verify all power cables (24-pin ATX, 8-pin CPU, PCIe) are securely connected to the motherboard and components.
    - Check front panel power switch connection to the motherboard.
- **Fans Not Spinning / ARGB Not Lighting Up:**
    - Confirm fan power cables are connected to the motherboard or fan controller.

- Ensure the ARGB controller is powered and connected correctly.
- Check motherboard ARGB header connection and software settings.

- **Front Panel USB/Audio Not Working:**
  - Verify the USB 2.0, USB 3.0, and HD Audio cables from the front panel are correctly connected to the corresponding headers on your motherboard.
  - Ensure audio drivers are installed and configured correctly in your operating system.

- **Overheating:**
  - Ensure all case fans are operating correctly and oriented for optimal airflow (intake/exhaust).
  - Clean dust filters and internal components to prevent airflow restriction.
  - Verify CPU cooler and GPU cooler are properly seated and functioning.

7. Specifications

Feature	Detail
Brand	KOLINK
Model Number	GEKL-108
Case Type	Midi Tower
Motherboard Support	ATX, Micro-ATX, Mini-ITX, E-ATX
Material	Steel, Mesh, Plastic, Tempered Glass
Color	Black (Y front mesh)
Pre-installed Fans	4 x 120mm ARGB
Max Fan Slots	9
Radiator Support	Front: up to 360mm; Top: up to 240mm
Max GPU Length	38 cm
Max CPU Cooler Height	17.5 cm
Drive Bays (3.5")	2
Drive Bays (2.5")	3
Front I/O Ports	2x USB 2.0, 2x USB 3.0, 1x 3.5mm Mic, 1x 3.5mm Stereo
Dimensions (LxWxH)	18.54 x 9.09 x 19.21 inches
Item Weight	13.86 pounds (6.3 Kilograms)

8. Warranty and Support

For information regarding warranty coverage and technical support for your KOLINK Observatory Y Mesh ARGB Midi Tower Case, please refer to the official KOLINK website or contact their customer service directly. Keep your proof of purchase for warranty claims.
No relevant product videos were found for this item.

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