

KOLINK UNITYSOLARWHT

Kolink Unity Solar ARGB Mesh Midi Tower Case - White User Manual

Model: UNITYSOLARWHT

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Kolink Unity Solar ARGB Mesh Midi Tower Case. Please read this manual thoroughly before beginning installation to ensure proper setup and safe usage. This case is designed to house standard PC components, offering efficient cooling and customizable ARGB lighting.

2. SAFETY INFORMATION

- Always disconnect the power supply from the wall outlet before installing or removing any components.
- Handle all components with care to prevent damage from electrostatic discharge (ESD). Consider using an anti-static wrist strap.
- Avoid placing the case in direct sunlight, near heat sources, or in environments with excessive dust or humidity.
- Do not attempt to modify the case or its components. Unauthorized modifications may void your warranty and pose safety risks.
- Keep small parts, such as screws, away from children.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Kolink Unity Solar ARGB Mesh Midi Tower Case
- Accessory Box (containing screws, cable ties, and standoffs)
- User Manual (this document)

4. PRODUCT OVERVIEW

The Kolink Unity Solar ARGB Mesh Midi Tower Case features a mesh front panel for optimal airflow, pre-installed ARGB fans, and a tempered glass side panel to showcase your build.

4.1 External Views



Figure 4.1.1: Front-side view of the Kolink Unity Solar ARGB Mesh Midi Tower Case, highlighting the mesh front panel and three illuminated ARGB fans.



Figure 4.1.2: Top view of the case, showing the top mesh panel and front I/O ports.



Figure 4.1.3: Rear-side view of the case, illustrating the solid right side panel.



Figure 4.1.4: Composite image showing the front, rear, and tempered glass side panel of the case.

4.2 Front I/O Ports



Figure 4.2.1: Close-up of the top-mounted front I/O panel, featuring audio jacks, USB ports, and control buttons.

The front I/O panel typically includes:

- Power Button
- Reset Button
- USB 3.0 Ports (x1)
- USB 2.0 Ports (x2)
- HD Audio Jacks (Headphone/Microphone)
- ARGB Control Button (for pre-installed fans)

4.3 Internal Layout



Figure 4.3.1: Interior view of the case, showing the motherboard tray, front fan mounts, and PSU shroud.



Figure 4.3.2: Another interior view, highlighting the rear fan mount and the spacious main chamber.



Figure 4.3.3: Close-up of the pre-installed ARGB fans at the front of the case.



Figure 4.3.4: View behind the motherboard tray, showing space for cable management and drive mounts.

5. SETUP AND INSTALLATION GUIDE

Follow these steps to install your PC components into the Kolink Unity Solar case.

5.1 Preparing the Case

1. Place the case on a flat, stable surface.
2. Remove the tempered glass side panel by unscrewing the thumbscrews at the rear and carefully pulling it away. Set it aside on a soft, non-abrasive surface.
3. Remove the solid right side panel by unscrewing its thumbscrews and sliding it off.

5.2 Motherboard Installation

1. Install the I/O shield (if applicable) into the rear opening of the case.
2. Ensure the correct standoffs are installed for your motherboard form factor (ATX, Micro-ATX, Mini-ITX). Adjust or add standoffs as needed using the provided tools.
3. Carefully align your motherboard with the standoffs and I/O shield.

4. Secure the motherboard with the provided screws. Do not overtighten.

5.3 Power Supply Unit (PSU) Installation

1. Locate the PSU mounting area at the bottom rear of the case.
2. Slide your PSU into the designated bay from the rear of the case.
3. Align the PSU with the screw holes and secure it with the provided screws.

5.4 Storage Drive Installation (HDDs/SSDs)

The case supports multiple storage drives. Refer to the accessory box for specific mounting hardware.

- **2.5" SSDs:** Mount directly onto the SSD trays located behind the motherboard tray or on the PSU shroud. Secure with screws.
- **3.5" HDDs:** Install into the drive cage located under the PSU shroud. Slide the drive into the tray and secure it.

5.5 Graphics Card (GPU) and Expansion Card Installation

1. Remove the necessary PCIe slot covers from the rear of the case.
2. Insert your graphics card or other expansion cards into the appropriate PCIe slots on your motherboard.
3. Secure the cards with the provided screws or retention clips.

5.6 Cable Management and Connections

1. Connect all necessary power cables from the PSU to your motherboard, CPU, GPU, and storage drives.
2. Connect the front I/O cables (USB, Audio, Power/Reset switches, ARGB control) to their respective headers on the motherboard. Refer to your motherboard manual for header locations.
3. Route cables through the cutouts and tie-down points behind the motherboard tray to maintain a clean interior and optimize airflow. Use the included cable ties.
4. Ensure the pre-installed ARGB fans are connected to the integrated ARGB controller or directly to an ARGB header on your motherboard (if supported).

6. OPERATING THE ARGB LIGHTING

The Kolink Unity Solar case comes with pre-installed ARGB fans. You can control their lighting effects in two ways:

- **Case ARGB Button:** Use the dedicated ARGB control button on the front I/O panel to cycle through various lighting modes and colors.
- **Motherboard Software:** If your motherboard has a 3-pin 5V ARGB header and compatible software (e.g., ASUS Aura Sync, MSI Mystic Light, Gigabyte RGB Fusion), you can connect the case's ARGB controller to the motherboard and synchronize lighting effects with other components. Refer to your motherboard manual for instructions on ARGB header connection and software usage.

7. MAINTENANCE

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

- **Dust Filters:** The case features removable dust filters on the front, top, and bottom. Periodically remove and clean these filters with compressed air or by rinsing them with water (ensure they are completely dry before reinstallation).
- **Interior Cleaning:** Use compressed air to remove dust from inside the case, especially from fan blades, heatsinks, and other components. Perform this cleaning in a well-ventilated area.
- **Exterior Cleaning:** Wipe the exterior surfaces with a soft, damp cloth. Avoid harsh chemicals or abrasive cleaners.

8. TROUBLESHOOTING

If you encounter issues, refer to the following common troubleshooting steps:

- **PC not powering on:** Double-check all power connections from the PSU to the motherboard, CPU, and GPU. Ensure the front panel power switch cable is correctly connected to the motherboard header. Verify the PSU switch is in the 'ON' position.
- **Fans not spinning/ARGB not lighting up:** Check fan power connections and ARGB connections. Ensure ARGB cables are connected to the correct 3-pin 5V ARGB headers (not 4-pin 12V RGB headers). If using the case controller, ensure it is powered.
- **No display output:** Ensure your graphics card is properly seated in its PCIe slot and all necessary power cables are connected. Verify your monitor cable is connected to the graphics card, not the motherboard's integrated graphics port (unless you are using integrated graphics).

9. SPECIFICATIONS

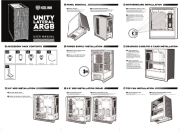


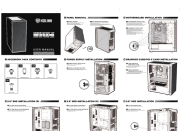
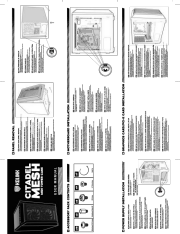

Key specifications for the Kolink Unity Solar ARGB Mesh Midi Tower Case:

Feature	Specification
Brand	KOLINK
Model Name	Unity Solar
Item Model Number	UNITYSOLARWHT
Case Type	Mid Tower
Color	White
Motherboard Compatibility	ATX, Micro-ATX, Mini-ITX
Cooling Method	Air
Power Supply Mounting Type	Bottom Mount
Number of USB 2.0 Ports	2
Total USB Ports	2 (Note: Product description indicates 1x USB 3.0, 2x USB 2.0. Please verify with product packaging.)
Total Internal Bays	4 (Mixed 2.5"/3.5" support)
Item Weight	2.2 pounds

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official KOLINK website or contact your retailer. Keep your proof of purchase for warranty claims.

Related Documents - UNITYSOLARWHT

	<p>Kolink Unity Lateral ARGB PC Case User Manual</p> <p>Comprehensive user manual for the Kolink Unity Lateral ARGB ATX MIDI Tower PC Case, detailing installation steps for components, fans, and cooling.</p>
	<p>Kolink Unity Nexus ARGB MIDI Tower Case User Manual</p> <p>User manual for the Kolink Unity Nexus ARGB MIDI Tower Case, providing detailed instructions for installation of components like motherboard, power supply, graphics card, SSDs, HDDs, fans, and watercooling radiators.</p>
	<p>Kolink Unity Code X ARGB MIDI Tower Case User Manual</p> <p>User manual for the Kolink Unity Code X ARGB MIDI Tower Case, detailing installation steps for components like power supply, motherboard, graphics card, SSDs, HDDs, fans, and radiators.</p>
	<p>Kolink Observatory HF Mesh ARGB Midi Tower Case User Manual</p> <p>User manual for the Kolink Observatory HF Mesh ARGB Midi Tower Case, detailing installation procedures for components like SSDs, HDDs, motherboards, graphics cards, and fans.</p>
	<p>Kolink Citadel Mesh Midi Tower Case User Manual and Installation Guide</p> <p>Comprehensive user manual and installation guide for the Kolink Citadel Mesh Midi Tower PC Case, detailing component installation steps for a seamless build.</p>
	<p>Kolink Observatory HF Glass ARGB MIDI Tower Case User Manual Installation Guide</p> <p>Comprehensive user manual for the Kolink Observatory HF Glass ARGB MIDI Tower PC Case. Includes detailed instructions for panel removal, component installation (motherboard, PSU, GPU, SSD, HDD), fan and radiator mounting, and I/O panel connection.</p>