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› GravaStar Mercury K1 75% Wireless Mechanical Gaming Keyboard User Manual

GravaStar GS K1

GravaStar Mercury K1 75% Wireless Mechanical Gaming Keyboard User Manual

Model: GS K1 | Brand: GravaStar

INTRODUCTION

The GravaStar Mercury K1 is a 75% wireless mechanical gaming keyboard designed for both intense gaming and comfortable typing. It features a unique aluminum alloy exoskeleton, custom linear switches, gasket-mounted design for enhanced acoustics, and versatile tri-mode connectivity. This manual provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your Mercury K1 keyboard.



WHAT'S IN THE BOX

- Type-A to Type-C Cable
- Keycap & Switch Puller
- Cleaning Brush
- 4 x Extra Switches
- User Manual
- Cleaning Cloth

KEY FEATURES

- **Futuristic Design:** The Mercury K1 features a unique aluminum alloy exoskeleton with a gradient black finish, combining strength and lightness in its flowing curves. This design provides symmetrical stability, ideal for both intense gaming and comfortable typing.

ENHANCED DURABILITY

Built with aluminum alloy



Image: Close-up of the keyboard's aluminum alloy exoskeleton, highlighting its durable and unique design.

- **Custom GravaStar x Kailh Linear Switches:** Equipped with exclusive GravaStar x Kailh linear switches, the K1 offers a smooth and responsive typing experience. With a 40gf actuation force, 1.5mm pre-travel, and 3.5mm total travel distance, these switches ensure quick reactions while minimizing accidental key presses.

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Video: Demonstrates the sound and feel of the GravaStar x Kailh linear switches during typing.

- **Gasket-Mounted Design with Sound Dampening:** The keyboard's gasket-mounted structure, combined with a flexible polycarbonate plate, absorbs impact vibrations and softens each keystroke. Five layers of sound-dampening foam enhance acoustics and reduce noise, providing a comfortable typing experience during extended sessions.

- **Tri-Mode Connectivity:** The Mercury K1 supports wired USB-C, Bluetooth 5.0, and 2.4GHz wireless connections, allowing seamless switching between devices. Its compatibility with both Windows and Mac systems ensures versatility for various setups.



Image: Illustration showing the USB-C, Bluetooth, and 2.4GHz wireless connectivity options.

- **Customizable RGB Lighting and Software Personalization:** Featuring dual independent RGB lighting systems with 16.8 million colors, the K1 offers 13 customizable backlight modes. Users can personalize their keyboard's appearance and functions through dedicated software, tailoring the experience to match their style and gaming setup.

RGB BACKLIGHT



Image: The keyboard displaying its vibrant RGB backlighting.

SETUP GUIDE

1. Initial Connection

The Mercury K1 offers three connection modes: wired USB-C, Bluetooth, and 2.4GHz wireless. Select your preferred mode using the switch located on the side of the keyboard.

- **Wired Mode:** Connect the provided Type-A to Type-C cable from your computer to the keyboard's USB-C port. The keyboard will be automatically recognized.

- **2.4GHz Wireless Mode:** Insert the 2.4GHz USB dongle into an available USB port on your computer. Switch the keyboard to 2.4GHz mode. The keyboard should connect automatically.
- **Bluetooth Mode:** Switch the keyboard to Bluetooth mode. On your device, search for "GravaStar Mercury K1" in the Bluetooth settings and pair.

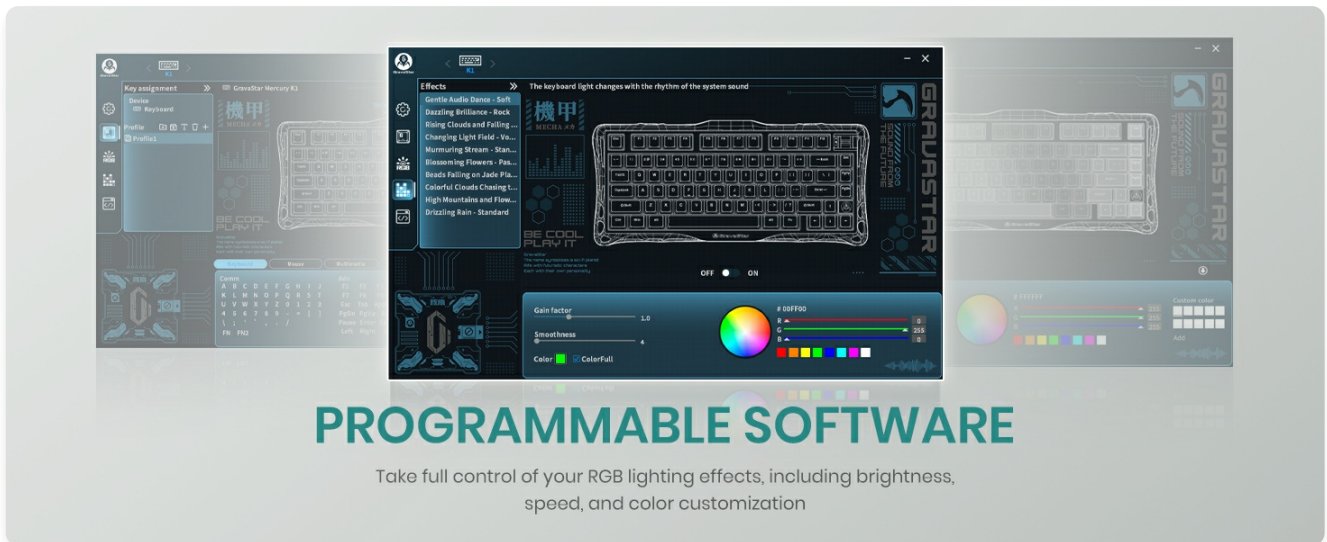


Image: Side view of the keyboard illustrating the USB-C port and mode selection switches.

2. Customizable RGB Lighting

The Mercury K1 features extensive RGB lighting options. You can cycle through 13 preset backlight modes directly on the keyboard using specific key combinations (refer to the quick start guide included in the box for exact combinations). For advanced customization, including brightness, speed, and color personalization, download the dedicated GravaStar software from the official website.

Image: Screenshot of the GravaStar software interface, showing options for RGB lighting control.

3. Hot-Swappable Switches

The keyboard's hot-swappable PCB allows you to easily change switches without soldering. This feature enables you to customize the typing feel and sound to your preference. Use the included keycap and switch puller to safely remove and install switches.

HOT SWAPPABLE PCB

40GF

1.5MM pre-travel

3.5MM total travel

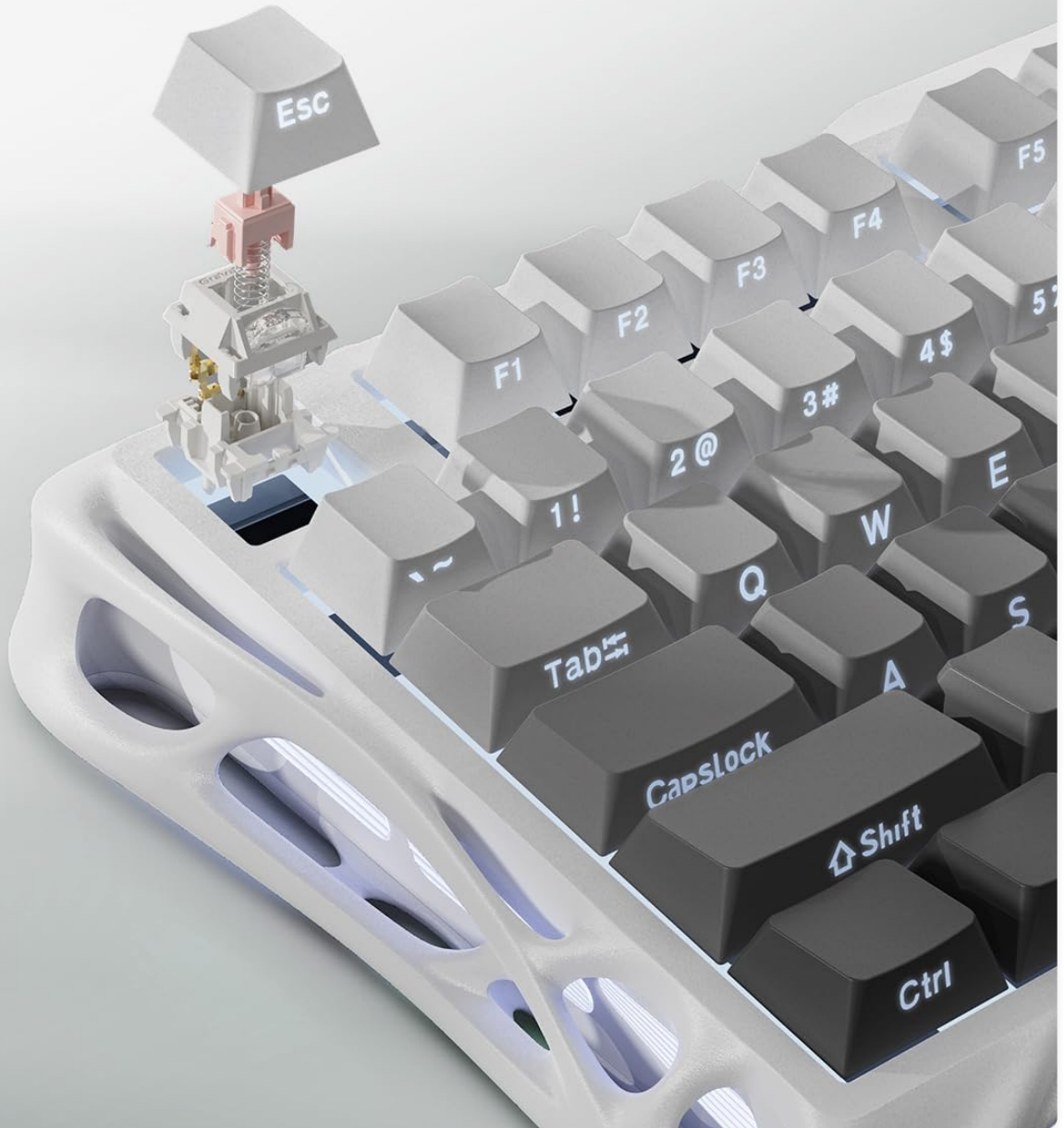


Image: A keycap and switch being removed from the keyboard, illustrating the hot-swappable feature.

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Video: A demonstration of changing switches on the GravaStar Mercury K1 keyboard.

4. Volume Control

The keyboard features a dedicated volume roller for convenient audio control. Rotate the roller to adjust the volume up or down, and press it to mute/unmute.

VOLUME CONTROL

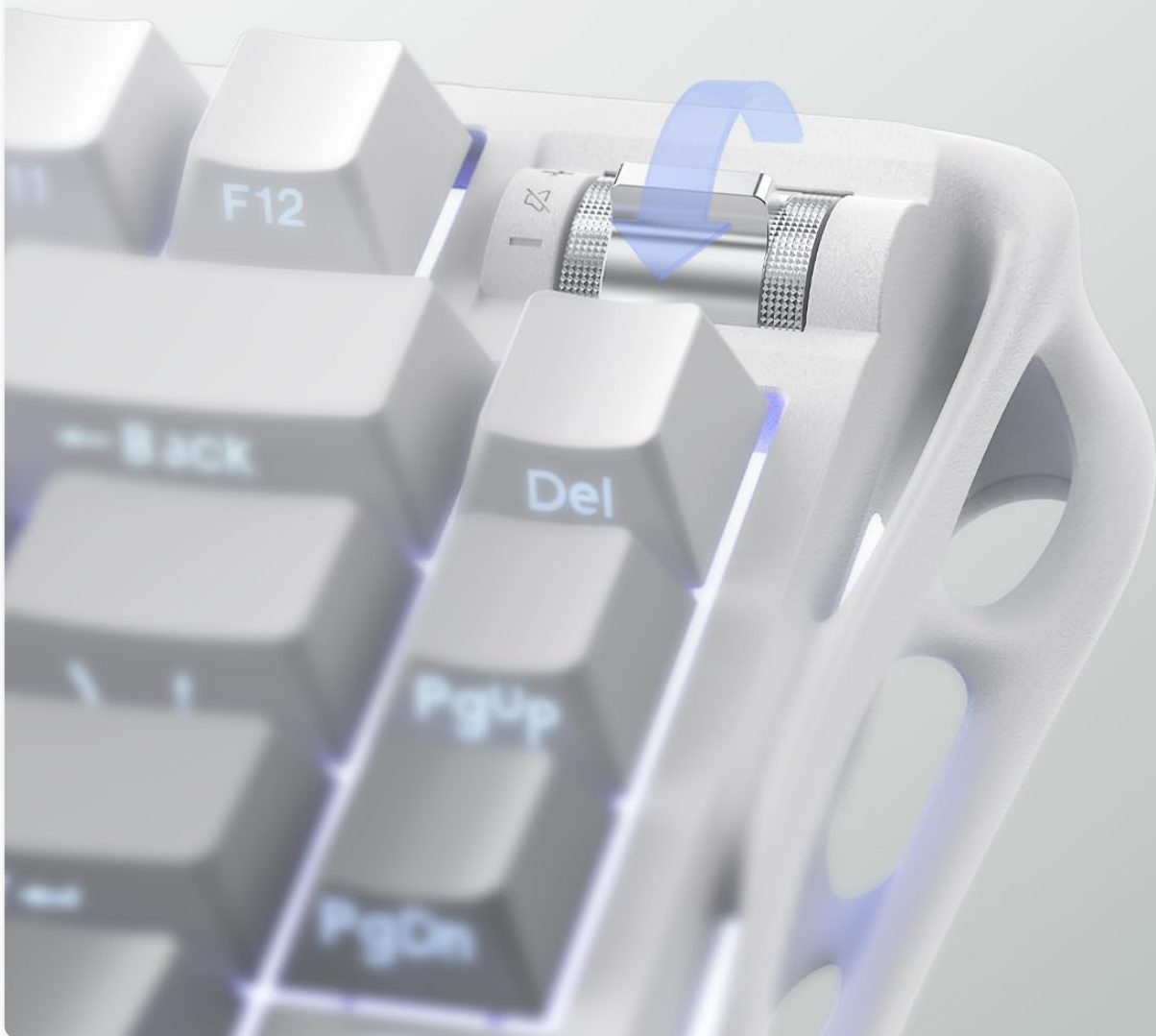


Image: Close-up of the volume control knob on the keyboard.

5. Battery Management

The Mercury K1 is equipped with an 8000mAh battery, providing up to 470 hours of usage with the backlight off and 40 hours with the backlight on. To conserve battery life, the keyboard will enter sleep mode after a period of inactivity. Connect the USB-C cable to charge the keyboard.

LONG BATTERY LIFE

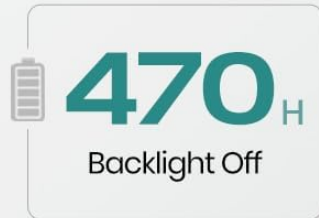


Image: Graphic illustrating the battery life of the keyboard with and without backlighting.

OPERATING INSTRUCTIONS

The GravaStar Mercury K1 is designed for intuitive use. Once connected, you can begin typing immediately. Familiarize yourself with the standard 75% layout. For specific functions and shortcuts, refer to the quick start guide provided with your keyboard, which details key combinations for RGB mode changes, media controls, and other advanced features.

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Video: A brief overview of the GravaStar Mercury K1 keyboard in use, demonstrating its responsiveness.

MAINTENANCE

To ensure the longevity and optimal performance of your GravaStar Mercury K1 keyboard, follow these maintenance guidelines:

- **Cleaning:** Use the provided cleaning brush to remove dust and debris from between the keycaps. For stubborn dirt, lightly dampen the cleaning cloth with water or a mild, non-abrasive cleaner and wipe down the keycaps and frame. Avoid excessive moisture.
- **Keycap and Switch Care:** When removing keycaps or switches, use the dedicated puller to prevent damage. Store extra switches and keycaps in a safe, dry place.
- **Storage:** When not in use for extended periods, store the keyboard in a cool, dry environment away from direct sunlight and extreme temperatures.
- **Battery Care:** Avoid fully discharging the battery frequently. For long-term storage, charge the battery to about 50% to prolong its lifespan.

TROUBLESHOOTING

If you encounter issues with your GravaStar Mercury K1 keyboard, try the following common troubleshooting steps:

Problem	Possible Solution
Keyboard not responding in wireless mode.	Ensure the keyboard is charged. Check if the correct mode (2.4GHz or Bluetooth) is selected. Re-pair the Bluetooth connection or re-insert the 2.4GHz dongle. Try wired mode to confirm basic functionality.
RGB lighting not working or stuck.	Ensure the keyboard is powered on. Cycle through RGB modes using keyboard shortcuts. If using software, ensure it's running and updated. Try resetting the keyboard (refer to quick start guide for reset instructions).
Keys not registering or double-typing.	Clean under the affected keycap with the cleaning brush. If the issue persists, try swapping the switch with one of the extra switches provided. Ensure the switch is fully seated.
Poor battery life.	Reduce RGB brightness or turn off backlighting. Ensure the keyboard is fully charged. Avoid extreme temperatures during use or charging.

SPECIFICATIONS

Feature	Detail
Product Dimensions	13.5 x 6.14 x 1.81 inches
Item Weight	2.33 pounds
Manufacturer	ZhuoYe ChuangYi Co.Ltd
ASIN	B0DFXWGJ6J
Country of Origin	China
Item model number	GS K1
Batteries	1 Lithium Ion batteries required. (included)

Feature	Detail
Brand	GravaStar
Compatible Devices	Laptop, PC, Tablet
Connectivity Technology	Bluetooth, Wi-Fi, USB-C
Keyboard Description	79
Special Feature	Volume Roller, Backlit, Programmable Keys, Customizable Display Keys, Hot-Swappable
Color	Gradient White
Number of Keys	79
Style	Classic1
Material	Aluminum

WARRANTY AND SUPPORT

The GravaStar Mercury K1 keyboard comes with a standard manufacturer's warranty. For detailed warranty information, technical support, or service inquiries, please visit the official GravaStar website or contact their customer support directly. Keep your purchase receipt as proof of purchase for warranty claims.