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## GravaStar K1

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

Model: K1 | Brand: GravaStar

## INTRODUCTION

Welcome to the GravaStar Mercury K1 75% Wireless Mechanical Gaming Keyboard user manual. This guide provides essential information for setting up, operating, maintaining, and troubleshooting your new keyboard. The Mercury K1 combines a futuristic design with high-performance features, including an aluminum alloy frame, hot-swappable linear switches, and customizable RGB backlighting.

MERCURY K1

# Ice Blue

Mechanical Keyboard



75% LAYOUT



HOT SWAP



BT/2.4G/WIRED



1680W RGB



Image: The GravaStar Mercury K1 keyboard showcasing its 75% layout, hot-swap capability, triple connectivity modes (Bluetooth, 2.4GHz, wired), and 16.8 million color RGB lighting.

## WHAT'S IN THE BOX

- 1 x GravaStar Mercury K1 Keyboard
- 1 x Type-A 2.4GHz Receiver
- 1 x Type-A to Type-C Cable

- 1 x Keycap & Switch Puller
- 1 x Cleaning Brush
- 4 x Extra Switches (Kailh Platycodon, Kailh Crackle Ice Box, KTT Silent Blue, KTT Baby White)

Your browser does not support the video tag.

*Video: An unboxing video of the GravaStar Mercury K1 75% Blue Gaming Keyboard, showing the contents of the package.*

## SETUP

### Initial Charge

Before first use, fully charge your Mercury K1 keyboard using the provided USB-C cable. Connect the USB-C end to the keyboard and the USB-A end to a power source (e.g., computer USB port, wall adapter). The battery indicator will show charging status.

### Connectivity Modes

The Mercury K1 supports three connection types: Wired (USB-C), 2.4GHz Wireless, and Bluetooth 5.0. Use the switch located on the back of the keyboard to select your desired mode.



*Image: A detailed view of the keyboard's rear, highlighting the switches for 2.4GHz wireless, Bluetooth 5.0, and wired USB-C connections, along with Windows/Mac compatibility switch.*

1. **Wired Connection:** Connect the USB-C cable from the keyboard to your computer. The keyboard will automatically switch to wired mode.
2. **2.4GHz Wireless Connection:**
  - Locate the 2.4GHz receiver stored in the magnetic compartment on the underside of the keyboard.
  - Plug the receiver into an available USB-A port on your computer.
  - Switch the keyboard to 2.4GHz mode using the selector switch. The keyboard should connect automatically.
3. **Bluetooth 5.0 Connection:**
  - Switch the keyboard to Bluetooth mode using the selector switch.

- On your device (PC, laptop, tablet, gaming console), go to Bluetooth settings and search for new devices.
- Select "GravaStar K1" from the list of available devices to pair.

## Operating System Compatibility

Use the dedicated switch on the back of the keyboard to toggle between Windows and Mac operating system layouts for optimal key functionality.

# OPERATING INSTRUCTIONS

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## Basic Functions

- **Typing:** The 75% layout provides a compact yet functional typing experience.
- **Volume Control:** Use the dedicated control knob for quick volume adjustments.

## RGB Lighting Control

The Mercury K1 features dual RGB ecosystems with 16.8 million colors and 13 dynamic effects. Use the following key combinations to customize your lighting:

- **Fn + /!:** Cycle through backlight modes.
- **Fn + Tab:** Cycle through side light modes.
- **Fn + Left/Right Arrow:** Adjust lighting speed.
- **Fn + Up/Down Arrow:** Adjust lighting brightness.
- **Fn + Shift:** Toggle side light mode.
- **Fn + >:** Cycle brightness levels.
- **Fn + /?:** Cycle switch colors.
- **Fn + <.:** Cycle speed settings.

Your browser does not support the video tag.

*Video: Demonstrates the various RGB lighting effects and typing sounds of the GravaStar K1 75% Blue Gaming Keyboard in a dark environment.*

## Hot-Swapping Switches

The Mercury K1 features a hot-swappable socket, allowing you to change switches without soldering. Use the provided keycap and switch puller tool to replace switches.



*Image: An exploded view diagram illustrating the internal components of a Kailh linear switch, including outer housing, inner housing, stem, extended spring, housing, high-transmittance light guide, and base.*

1. Gently remove the keycap using the keycap puller.
2. Use the switch puller to carefully grip and pull out the switch.
3. Align the pins of the new switch with the holes on the PCB and press firmly until it clicks into place.
4. Replace the keycap.

## MAINTENANCE

### Cleaning

Regular cleaning helps maintain the keyboard's performance and appearance.

- Use the provided cleaning brush to remove dust and debris from between the keycaps.
- For deeper cleaning, remove keycaps and gently wipe the keyboard surface with a soft, damp cloth. Avoid excessive moisture.

### Battery Care

To prolong battery life:

- Avoid fully discharging the 8000mAh battery frequently.
- Store the keyboard in a cool, dry place when not in use for extended periods.
- If using wired mode predominantly, consider turning off wireless modes to conserve battery health.

## TROUBLESHOOTING

- **Keyboard not responding:** Ensure the keyboard is charged and correctly connected (wired, 2.4GHz receiver, or Bluetooth paired). Try restarting the keyboard and your device.
- **RGB lights not working:** Check lighting settings using Fn key combinations. Ensure the keyboard is not

in a low-power mode that disables lighting.

- **Connectivity issues:** For 2.4GHz, ensure the receiver is securely plugged in and within range. For Bluetooth, ensure the keyboard is in pairing mode and your device's Bluetooth is enabled. Try re-pairing.
- **Keys not registering:** If specific keys are not working, try hot-swapping the switch with one of the extra switches provided to determine if the switch is faulty.

## SPECIFICATIONS

| Feature                 | Detail   |
|-------------------------|--|
| Product Dimensions      | 16.34 x 7.39 x 2.27 inches (41.5 x 18.77 x 5.77 cm)          |
| Item Weight             | 3.52 pounds (1.6 kg)   |
| Connectivity Technology | Bluetooth 5.0, 2.4GHz Wireless, USB-C Wired                  |
| Keyboard Layout         | 75% (79 keys)  |
| Switches                | GravaStar x Kailh Linear Switches (Hot-Swappable)            |
| RGB Backlighting        | 16.8 Million Colors, 13 Dynamic Effects, Dual RGB Ecosystems |
| Battery Capacity        | 8000mAh  |
| Keycaps                 | Dual-layer PBT   |
| Compatibility           | Windows, Mac, Gaming Consoles, Laptops, PCs, Tablets         |

## WARRANTY AND SUPPORT

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