

[Manuals.plus](#) /

› [GravaStar](#) /

› GravaStar Mercury K1 75% Wireless Gaming Keyboard User Manual

GravaStar Mercury K1

GravaStar Mercury K1 75% Wireless Gaming Keyboard User Manual

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your GravaStar Mercury K1 75% Wireless Gaming Keyboard. Please read this manual thoroughly before use to ensure optimal performance and longevity of your device.

WHAT'S IN THE BOX

Verify that all items are present in the package:

- 1 x GravaStar Mercury K1 75% Wireless Gaming Keyboard
- 1 x Type-A 2.4GHz Receiver
- 1 x USB Cable (Type-C to Type-A)
- 1 x Keycap Puller
- 1 x Cleaning Brush
- 4 x Extra Switches (Kailh Platycodon, Kailh Crackle Ice Box, KTT Silent Blue, KTT Baby White)

SETUP

1. Charging the Keyboard

Before initial use, fully charge the 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 keyboard features an 8000mAh battery, providing approximately 470 hours of use with lights off and 40 hours with lights on.

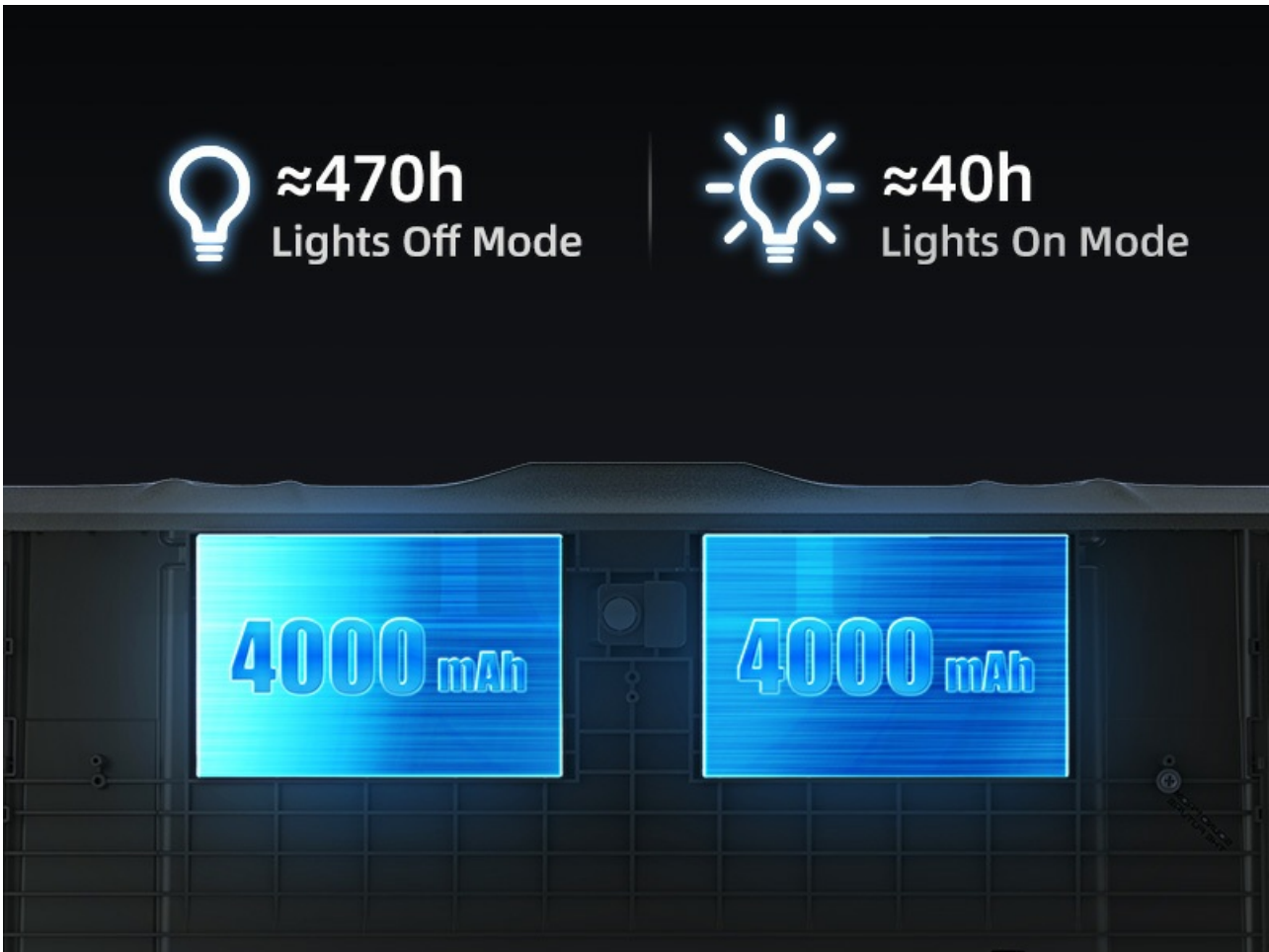


Image: Illustration showing the 8000mAh battery capacity and estimated usage times with RGB lighting on and off.

2. Connecting the Keyboard

The GravaStar Mercury K1 supports three connection modes: 2.4GHz wireless, Bluetooth 5.0, and wired USB-C.



Image: Close-up of the keyboard's side panel, highlighting the Bluetooth, 2.4GHz, and wired connection options, along with Mac/Win mode switch.

2.1. 2.4GHz Wireless Connection

1. Locate the 2.4GHz USB receiver in the keyboard packaging.
2. Plug the receiver into an available USB-A port on your computer.
3. On the keyboard, slide the mode switch to the "2.4G" position.
4. The keyboard will automatically connect to the receiver.

2.2. Bluetooth Connection

1. On the keyboard, slide the mode switch to the "BT" position.
2. The keyboard will enter pairing mode (indicator light may flash).
3. On your device (PC, Mac, Tablet, iOS), go to Bluetooth settings and search for "GravaStar Mercury K1".
4. Select the keyboard to pair.
5. If prompted, enter the pairing code displayed on your screen.

2.3. Wired USB-C Connection

1. Connect the USB-C end of the provided cable to the keyboard's USB-C port.
2. Connect the USB-A end to an available USB-A port on your computer.
3. The keyboard will automatically switch to wired mode and begin charging.

3. Operating System Mode Switch

The keyboard has a switch to toggle between Windows (Win) and Mac operating system modes. Ensure this switch is set correctly for your operating system to ensure proper key functionality.

OPERATING INSTRUCTIONS

1. Multifunction Knob

The integrated knob allows for quick volume adjustments. Rotate clockwise to increase volume, counter-clockwise to decrease volume. Press the knob to mute/unmute audio.

2. RGB Lighting Control

The GravaStar Mercury K1 features customizable RGB backlighting with 16.8 million colors, 11 dynamic effects, 10 sound-responsive modes, and 13 customizable presets.

Use the dedicated function keys (often combined with the 'Fn' key) to cycle through lighting effects, adjust brightness, and change colors. Refer to the keycap legends for specific combinations.

MYSTIC SHADOW

Dark Translucent Keys Reveal Depth

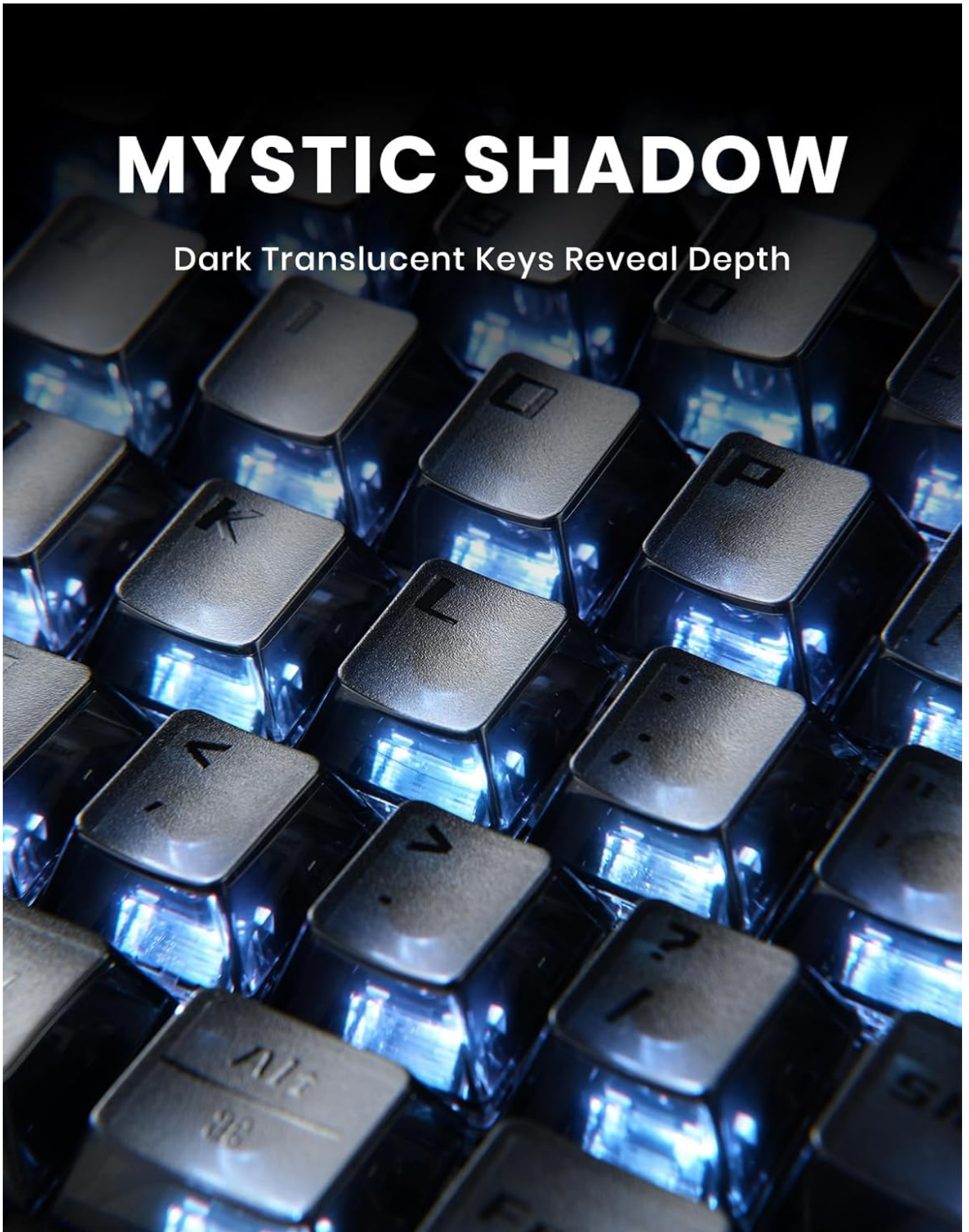


Image: The GravaStar Mercury K1 keyboard showcasing its vibrant RGB backlighting on the keys and the three-sided underglow.



Image: A visual representation of the 21 customizable light effects available on the GravaStar Mercury K1 keyboard.

3. Hot-Swappable Switches

The keyboard supports hot-swappable 3-pin and 5-pin mechanical switches, allowing for easy customization without soldering.

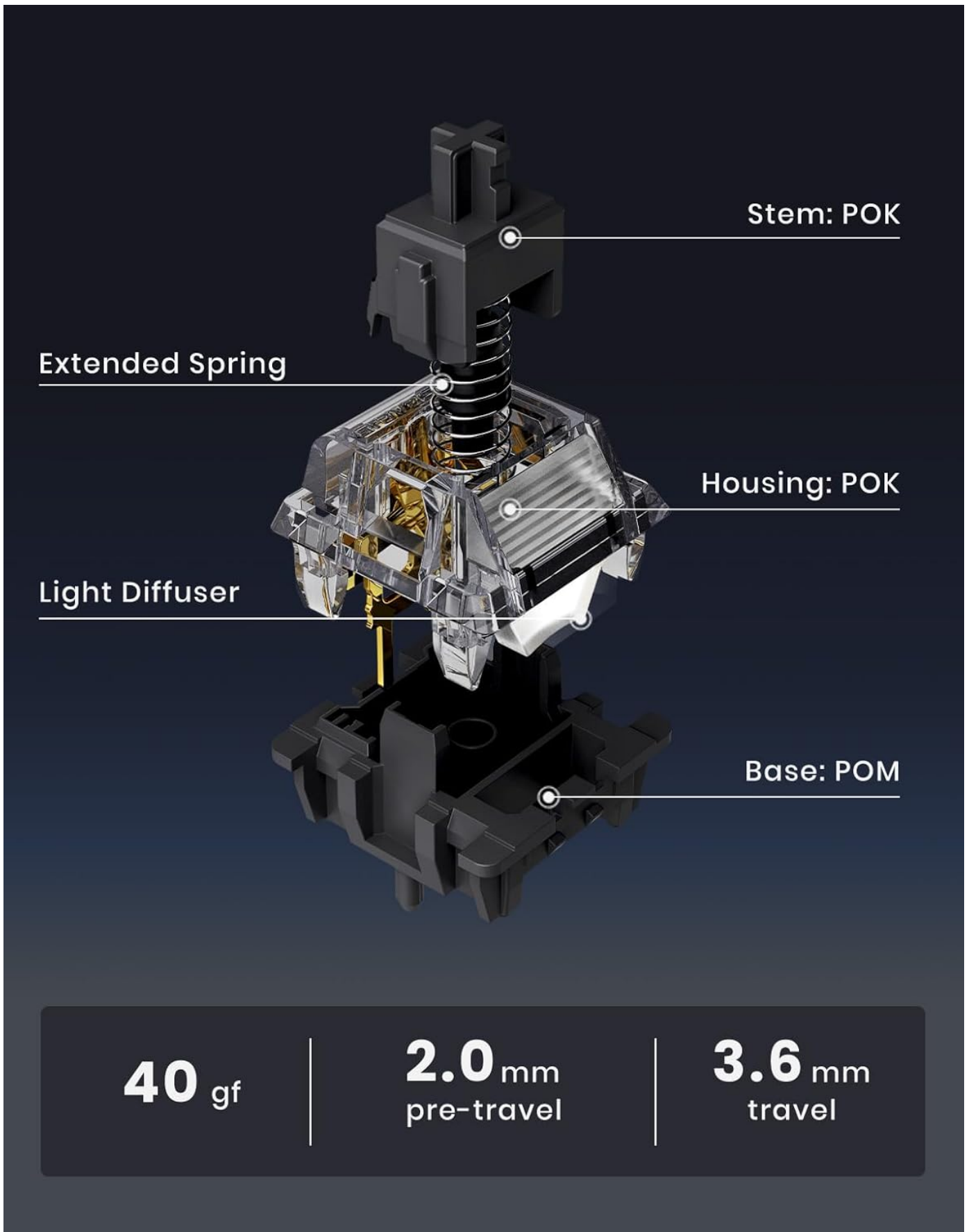


Image: The GravaStar Mercury K1 keyboard with several keycaps and switches removed, demonstrating its hot-swappable design.

HOT SWAPPABLE PCBA

Supports 3/5-pin mechanical switches



Image: An exploded view diagram of a Stellar Bloom linear switch, detailing its components like stem, extended spring, housing, light diffuser, and base, along with actuation force and travel specifications.

To replace a switch:

1. Use the provided keycap puller to carefully remove the keycap.
2. Use the switch puller (often integrated with the keycap puller) to gently pull the switch upwards until it detaches from the PCB.

3. Align the pins of the new switch with the holes on the PCB.
4. Press the new switch firmly into place until it clicks.
5. Reattach the keycap.

4. Software Customization

For advanced customization of key assignments, macros, and lighting effects, download the official GravaStar software. The software allows for comprehensive control over your keyboard's functions.

Download Link: <https://hub.gravastar1.com>



Image: Screenshot of the GravaStar Mercury K1 Pro software interface, showing options for key remapping, macro creation, and lighting customization.

MAINTENANCE

1. Cleaning

Regularly clean your keyboard to prevent dust and debris buildup. Use the provided cleaning brush to remove particles between keycaps. For deeper cleaning, carefully remove keycaps using the keycap puller and clean the switches and plate with compressed air or a soft cloth.

Avoid using harsh chemicals or abrasive materials, as these can damage the keycaps or keyboard finish.

2. Battery Care

To prolong battery life, avoid fully discharging the keyboard frequently. Store the keyboard in a cool, dry place when not in use for extended periods.

TROUBLESHOOTING

Issue	Possible Cause	Solution
Keyboard not responding (Wireless)	Low battery, incorrect mode, receiver not connected, interference.	Charge the keyboard. Ensure the mode switch is set to 2.4G or BT. Re-plug the 2.4GHz receiver. Re-pair Bluetooth. Move closer to the receiver/device.
Keyboard not responding (Wired)	Cable not connected properly, faulty cable, faulty USB port.	Ensure USB-C cable is securely connected. Try a different USB port or cable.

RGB lighting not working	Lighting turned off, low battery, software issue.	Check lighting controls (Fn + key combinations). Charge the keyboard. Restart the keyboard or computer. Reinstall GravaStar software.
Keys not registering or double-typing	Faulty switch, debris under keycap, software issue.	Clean under the keycap. Replace the switch using the hot-swap feature. Update or reinstall keyboard drivers/software.
Bluetooth connection unstable	Interference, distance, device compatibility.	Reduce distance to device. Minimize other wireless devices. Re-pair the keyboard. Ensure device Bluetooth drivers are updated.

SPECIFICATIONS

Brand: GravaStar

Model Name: Mercury K1

Model Number: Mercury K1

Keyboard Layout: 75% (79 keys + 1 knob)

Keyboard Description: Mechanical

Switch Type: Linear (GravaStar Stellar Bloom)

Actuation Force: 40gf

Pre-travel: 1.5mm

Total Travel: 3.5mm

Keycaps: Transparent PBT and PC

Connectivity Technology: Bluetooth 5.0, 2.4GHz Wireless, USB-C Wired

Battery Capacity: 8000mAh

Battery Life: Approx. 470h (lights off), 40h (lights on)

Backlighting: RGB (Per-key illumination + 3-sided ambient underglow)

Frame Material: Aluminum Alloy

Product Dimensions: 13.5"L x 6.14"W x 1.81"H

Compatible Devices: Laptop, Mac, PC, Tablet, iOS

Compatible Operating System Family: Windows, macOS

Special Features: Hot-Swappable, Multifunction Knob, Gasket-mounted design, 5-layer sound dampening foam

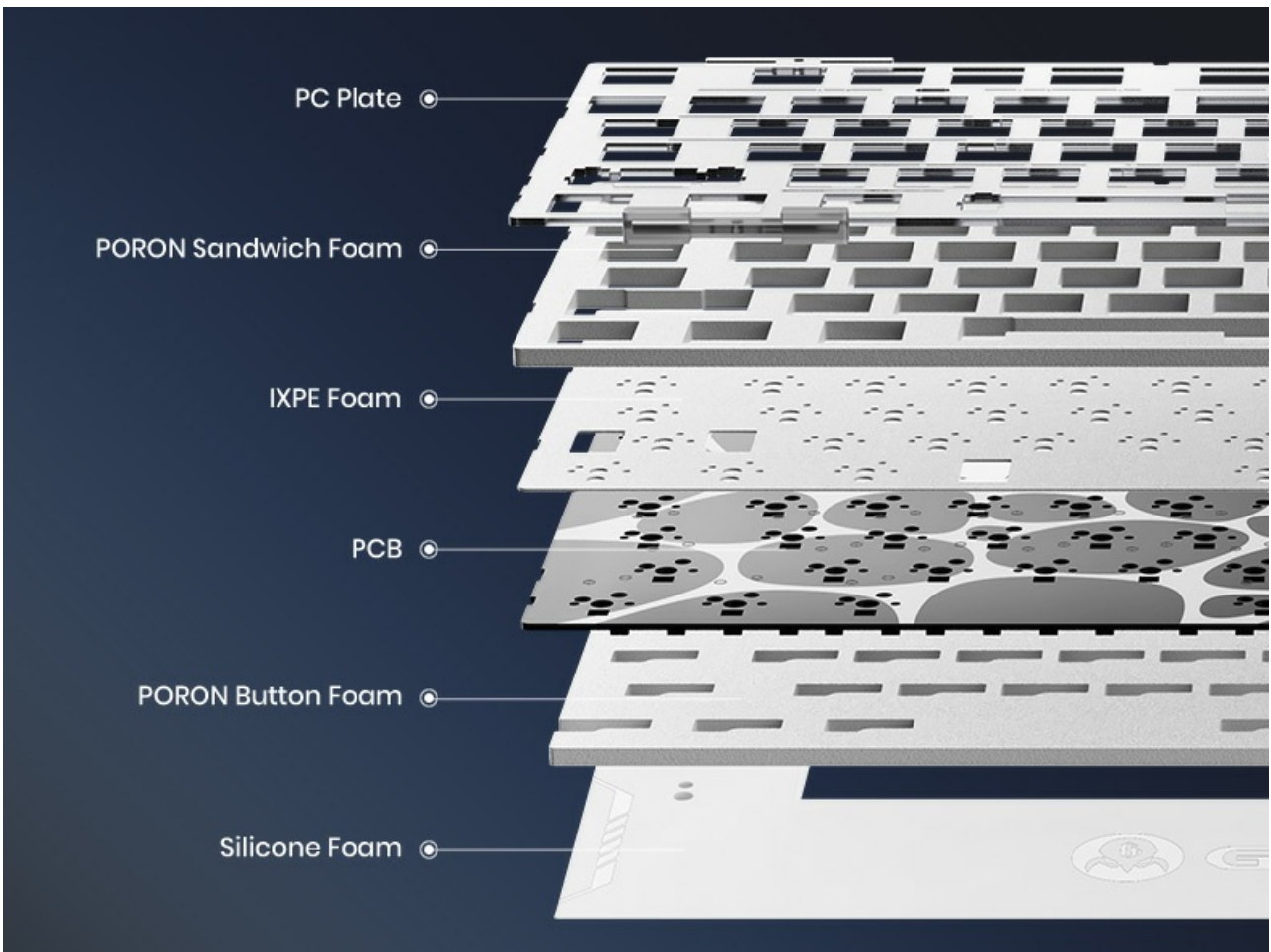


Image: An exploded view diagram illustrating the five layers of sound-dampening foam within the keyboard structure, including PC Plate, PORON Sandwich Foam, IXPE Foam, PCB, PORON Button Foam, and Silicone Foam.



Image: Close-up view of the keyboard's internal structure, highlighting the pre-installed gasket and indicating compatibility with a top mount

structure for customization.

WARRANTY AND SUPPORT

The GravaStar Mercury K1 keyboard comes with a 1-year manufacturer's warranty.

For technical support, warranty claims, or further assistance, please visit the official GravaStar website or contact their customer service.

Official Website: www.gravastar.com