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› GravaStar Mercury K1 75% Wireless Mechanical Keyboard User Manual

GravaStar Mercury K1

GravaStar Mercury K1 75% Wireless Mechanical Keyboard User Manual

Model: Mercury K1 | Brand: GravaStar

1. INTRODUCTION

Thank you for choosing the GravaStar Mercury K1 75% Wireless Mechanical Keyboard. This manual provides essential information for setting up, operating, and maintaining your new keyboard. Please read it thoroughly to ensure optimal performance and longevity of your device.

2. PACKAGE CONTENTS

- GravaStar Mercury K1 75% Wireless Mechanical Keyboard
 - USB-C Cable
 - 2.4GHz Wireless Dongle
 - Keycap Puller
 - Switch Puller
 - Cleaning Brush
 - Sample Switches × 4 (for testing different switch types)
 - User Manual
-

3. SETUP

3.1 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 rechargeable battery, providing extended usage time.

3.2 Tri-Mode Connectivity

The Mercury K1 supports three connection modes: 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: Rear view of the GravaStar Mercury K1 keyboard highlighting the triple connection modes and switches.

3.2.1 2.4GHz Wireless Connection

1. Locate the 2.4GHz wireless dongle stored in the keyboard's underside.
2. Plug the dongle into an available USB port on your computer.
3. Switch the keyboard to 2.4GHz mode using the selector switch. The keyboard will automatically connect.

3.2.2 Bluetooth 5.0 Connection

1. Switch the keyboard to Bluetooth mode using the selector switch.
2. On your device (PC, laptop, tablet), enable Bluetooth and search for new devices.
3. Select "GravaStar Mercury K1" from the list of available devices to pair.

3.2.3 Wired USB-C Connection

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

3.3 System Compatibility

The Mercury K1 is compatible with both Windows and Mac operating systems. Use the dedicated switch on the keyboard to select the appropriate layout for your system.

3.4 Ergonomic Kickstands

Adjust the keyboard's typing angle using the two-layer ergonomic kickstands located on the underside for enhanced comfort during extended use.

4. OPERATING INSTRUCTIONS

4.1 Basic Key Functions

The Mercury K1 features a compact 75% layout with 79 keys, designed to maximize desk space while retaining essential functionality. Standard QWERTY layout is provided.

4.2 Volume Roller

A multi-function rotary knob is located on the upper right of the keyboard. Rotate it to adjust volume or media settings. Pressing the knob typically mutes/unmutes audio.

4.3 RGB Lighting Control

The keyboard features dual independent RGB systems with 16.8 million colors, 11 preset effects, 10 sound-reactive modes, and 13 fully customizable settings. Use the following key combinations to control the lighting:



Image: The GravaStar Mercury K1 showcasing its customizable RGB lighting effects.

- **Fn + R Shift:** Cycle Side Light Modes
- **Fn + < or >:** Cycle Side Light Brightness Levels
- **Fn + / or ?:** Switch Side Light Colors
- **Fn + , or .:** Cycle Side Light Speed Settings
- **Fn + |:** Cycle Backlight Modes

- **Fn + Tab:** Switch Backlight Colors
- **Fn + ← or →:** Adjust Backlight Speed
- **Fn + ↑ or ↓:** Adjust Backlight Brightness

4.4 Hot-Swappable Switches

The Mercury K1 features hot-swappable switches, allowing for easy replacement without soldering. This enables customization of key feel and acoustics to suit personal preferences.



Image: Exploded view of a GravaStar Stellar Bloom Linear Switch, detailing its components.

5. MAINTENANCE

5.1 Cleaning

Regularly clean your keyboard using the provided cleaning brush to remove dust and debris from between the keycaps. For deeper cleaning, use the keycap puller to remove keycaps and gently wipe the surface with a soft, damp cloth. Ensure the keyboard is powered off and disconnected before cleaning.

5.2 Switch Replacement

To replace a switch, use the switch puller to carefully remove the existing switch. Align the pins of the new switch with the holes on the PCB and press firmly until it clicks into place. Ensure the switch is properly seated to avoid damage.

6. TROUBLESHOOTING

- **Keyboard not responding:** Ensure the keyboard is charged and powered on. Check the connection mode (wired, 2.4GHz, Bluetooth) and ensure it matches your device. For wireless connections, verify the dongle is properly inserted or Bluetooth is paired.
- **Lag or disconnections in wireless mode:** Move the keyboard closer to your device or 2.4GHz dongle. Avoid interference from other wireless devices. Ensure the keyboard battery is sufficiently charged.
- **RGB lighting not working:** Check the lighting control key combinations (Fn + keys) to ensure it's not turned off or set to a very dim setting. Ensure the keyboard is powered on.
- **Keys not registering:** If specific keys are not working, try removing and re-inserting the switch using the switch puller. If the issue persists, the switch may need replacement.

7. SPECIFICATIONS

Feature	Detail
Brand	GravaStar
Model Name	Mercury K1
Keyboard Layout	75% (79 Keys) QWERTY
Connectivity	Tri-Mode (USB-C Wired, 2.4GHz Wireless, Bluetooth 5.0)
Switch Type	GravaStar Stellar Bloom Linear (Hot-Swappable)
Actuation Force	40gf
Pre-Travel	1.5mm
Total Travel	3.5mm
Keycaps	Dual-Layer Jelly Keycaps
Backlighting	RGB (16.8 Million Colors, Customizable Effects)
Battery Capacity	8000mAh
Enclosure Material	Aluminum Alloy
Product Dimensions	13.5"L x 6.14"W x 1.81"H
Compatible OS	Windows, Mac
Special Features	Volume Roller, Hot-Swappable Switches, Dual Gasket & Top Mount Compatibility

8. WARRANTY & SUPPORT

8.1 Warranty Information

The GravaStar Mercury K1 keyboard comes with a 1-Year Manufacturer's Warranty. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, warranty claims, or general inquiries, please visit the official GravaStar website or contact their customer support team. Contact information can typically be found on the product packaging or the official website.

9. OFFICIAL PRODUCT VIDEOS

Your browser does not support the video tag.

Video: An official video from GravaStar Flagship showcasing the Mercury K1 Lavender Purple Gaming Keyboard, highlighting its design and features.

Your browser does not support the video tag.

Video: An official video from GravaStar Flagship demonstrating the Mercury K1 Purple Cute Keyboard, focusing on its aesthetic appeal.