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GravaStar Mercury K1

GravaStar Mercury K1 75% Wireless Mechanical Gaming Keyboard

Instruction Manual

1. Introduction

This manual provides essential information for the setup, operation, and maintenance of your GravaStar Mercury K1 75% Wireless Mechanical Gaming Keyboard. The Mercury K1 features a durable aluminum alloy exoskeleton, a flexible polycarbonate plate, and custom GravaStar x Kailh Linear switches, designed for both gaming and typing efficiency. Please read this manual thoroughly before using your device.

2. Package Contents

- GravaStar Mercury K1 75% Wireless Mechanical Gaming Keyboard
- Matching Mouse Pad (31.5 x 15.7 inch)
- USB-C Cable (for charging and wired connection)
- Keycap Puller
- Switch Puller
- User Manual (this document)

3. Product Overview

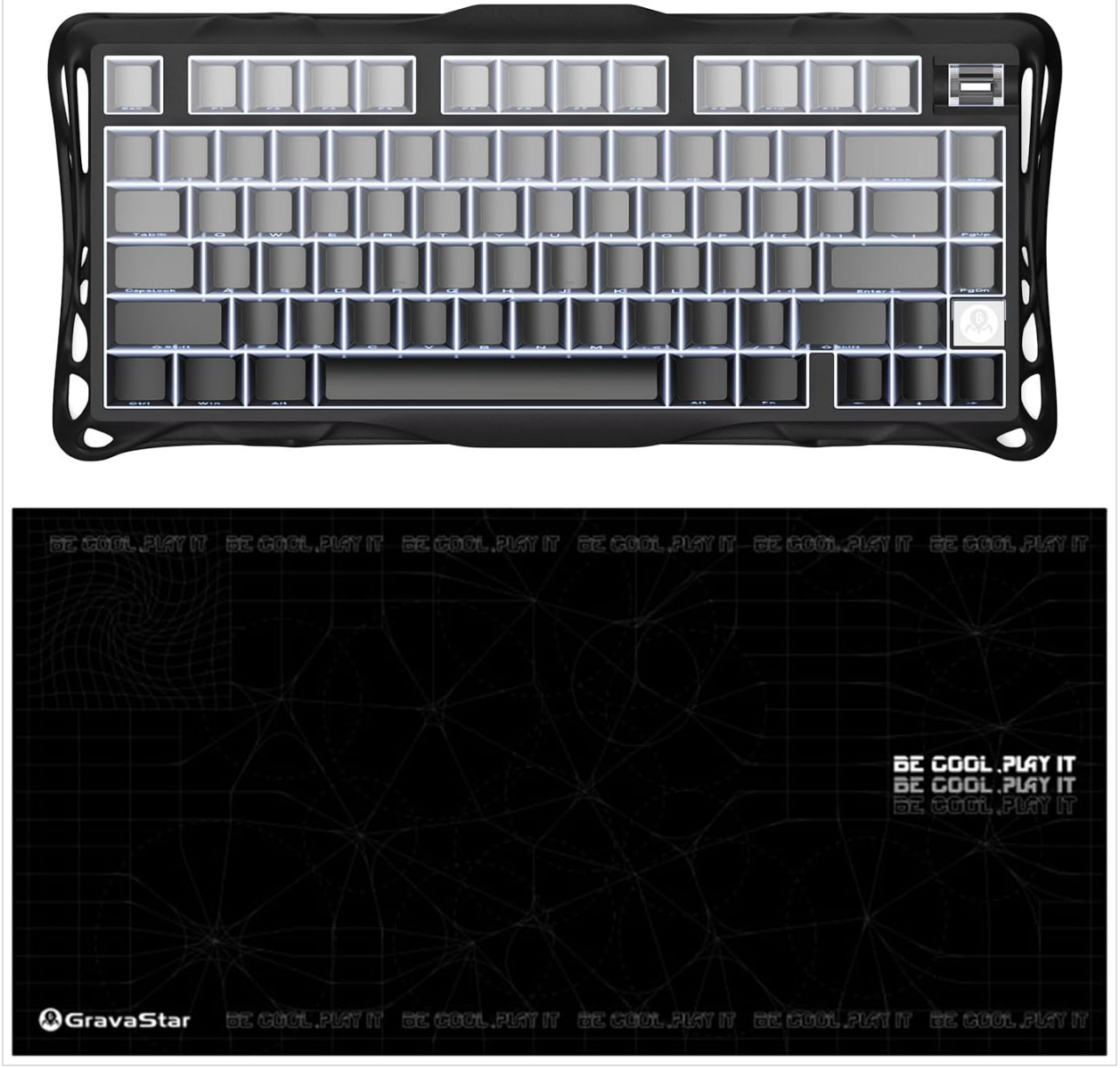


Figure 3.1: GravaStar Mercury K1 75% Wireless Mechanical Gaming Keyboard with included matching mouse pad. The keyboard features a compact 75% layout with an integrated knob and an aluminum alloy exoskeleton.

Figure 3.2: Detailed view of the GravaStar Mercury K1's 75% compact layout, featuring 79 keys and a multi-function knob. This layout optimizes desk space while retaining essential keys.

Key Components:

- **Keys:** 79-key QWERTY layout.
- **Multi-function Knob:** Typically controls volume or backlight brightness.
- **USB-C Port:** For charging and wired connection.
- **Wireless Mode Switch:** To toggle between wired and wireless modes.

4. Setup

4.1 Initial Charging

Before first use, connect the keyboard to a power source using the provided USB-C cable. The charging indicator (if present) will show charging status. A full charge ensures optimal wireless performance.

4.2 Wireless Connection

1. Locate the wireless mode switch on the keyboard and set it to the 'Wireless' position.
2. On your computer or device, enable Bluetooth.
3. Search for available Bluetooth devices. The keyboard should appear as 'GravaStar Mercury K1' or similar.
4. Select the keyboard to pair. Follow any on-screen prompts to complete the connection.

4.3 Wired Connection

To use the keyboard in wired mode, connect the USB-C cable from the keyboard to your computer. Ensure the wireless mode switch is set to the 'Wired' or 'Off' position (if applicable). The keyboard will be recognized automatically by your operating system.

4.4 Mouse Pad Placement

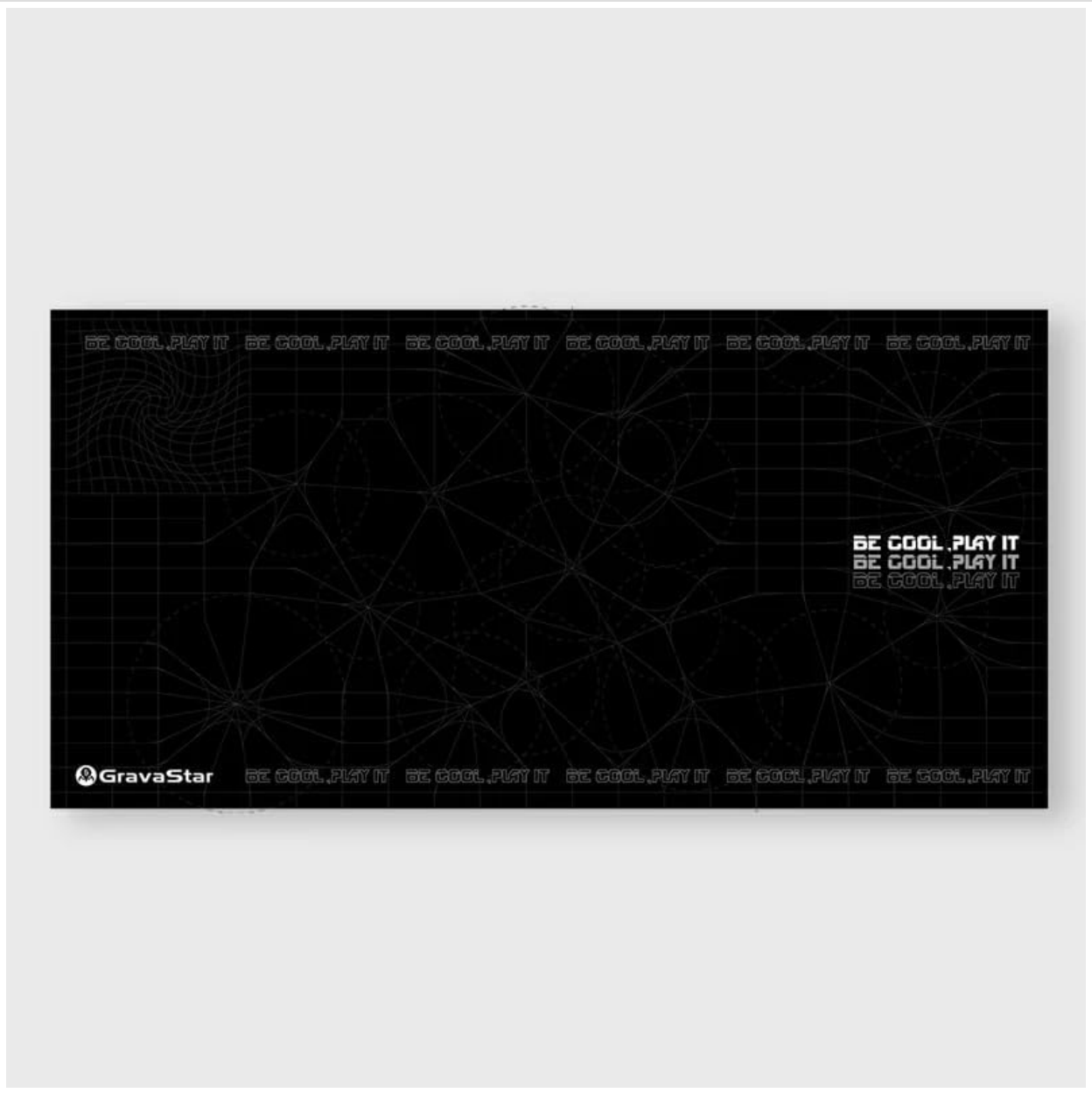


Figure 4.1: The GravaStar Mercury K1 matching mouse pad, measuring 31.5 x 15.7 inches, designed to accommodate a keyboard, mouse, and other desk items.

Unroll the included mouse pad and place it on a clean, flat surface. Its large size (31.5 x 15.7 inches) is designed to accommodate your keyboard, mouse, and other desk accessories, providing a comfortable and protective surface.

5. Operating Instructions

5.1 Key Functions

The Mercury K1 features a standard QWERTY layout with a 75% form factor. Function keys (F1-F12) are typically accessed via the 'Fn' key combination. Refer to the keyboard's keycap legends for specific secondary functions.

5.2 GravaStar x Kailh Linear Switches

Figure 5.1: Close-up view of the GravaStar Mercury K1's hot-swappable PCB, illustrating a removed keycap and the underlying GravaStar x Kailh Linear switch. This design allows for easy switch replacement.

The keyboard is equipped with custom GravaStar x Kailh Linear switches, optimized for both gaming and typing. Key characteristics include:

- **Actuation Force:** 40 gf (gram-force) for light and responsive presses.
- **Pre-travel:** 1.5 mm, allowing for quick key registration.
- **Total Travel:** 3.5 mm, providing a comfortable typing experience and reducing hand fatigue.

5.3 Hot-Swappable PCB

The Mercury K1 features a hot-swappable PCB, allowing users to easily change switches without soldering.

Use the included switch puller to carefully remove existing switches and insert new compatible 3-pin or 5-pin mechanical switches.

5.4 RGB Backlight Control

Figure 5.2: The GravaStar Mercury K1 keyboard illuminated with vibrant RGB backlighting, showcasing various color patterns and effects.

The keyboard features customizable RGB backlighting. Specific key combinations (often involving the 'Fn' key and arrow keys or dedicated lighting keys) control backlight modes, brightness, and color. Refer to the keyboard's keycap legends or a dedicated software (if available) for detailed control options.

6. Maintenance

6.1 Keyboard Cleaning

- Disconnect the keyboard from power before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe the surface.
- For dust and debris between keycaps, use compressed air or a small brush.
- Keycaps can be removed with the included keycap puller for deeper cleaning. Wash keycaps with mild soap and water, then dry thoroughly before reattaching.

6.2 Mouse Pad Cleaning

The PU leather mouse pad can be cleaned with a damp cloth and mild soap. Avoid harsh chemicals or abrasive materials. Allow it to air dry completely before use.

7. Troubleshooting

- **Keyboard not responding:** Ensure the keyboard is charged. Check the wired/wireless mode switch. For wireless, re-pair the device. For wired, try a different USB port or cable.
- **Keys not registering:** If specific keys are not working, ensure the switches are properly seated. If hot-swappable, try reseating or replacing the switch.
- **Backlight issues:** Check backlight control key combinations. Ensure the keyboard has sufficient power.
- **Wireless connection unstable:** Ensure no strong interference sources are nearby. Move closer to the connected device.

8. Specifications

Feature	Specification
Brand	GravaStar
Model	Mercury K1
Keyboard Description	Ergonomic, 75% Compact
Connectivity	Wireless (Bluetooth), Wired (USB-C)
Switch Type	GravaStar x Kailh Linear
Actuation Force	40 gf
Pre-travel	1.5 mm
Total Travel	3.5 mm
Keyboard Layout	QWERTY
Mouse Pad Size	31.5 x 15.7 inches
Mouse Pad Material	Durable PU Leather
Recommended Uses	Gaming, Office

9. Important Safety Information

- Do not expose the keyboard to water or excessive moisture.
- Avoid extreme temperatures.
- Do not attempt to disassemble or repair the device yourself. Contact qualified personnel for service.
- Keep out of reach of children.

10. Support Information

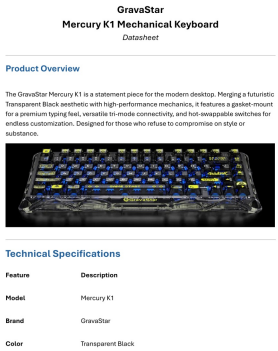
For further assistance, warranty information, or technical support, please visit the official GravaStar website or contact their customer service department. Details can typically be found on the product packaging or the brand's official online channels.

Related Documents - Mercury K1

	GravaStar Mercury M2 Wireless Gaming Mouse User Manual Comprehensive user manual for the GravaStar Mercury M2 Wireless Gaming Mouse, detailing setup, button functions, technical specifications, warranty, and compliance information.
	GravaStar Mercury M2 Wireless Gaming Mouse User Manual | Features, Specs, Setup Comprehensive user manual for the GravaStar Mercury M2 Wireless Gaming Mouse. Learn about its features, specifications, setup, buttons, and warranty information.
	GravaStar Mercury M1 Pro Wireless Gaming Mouse User Manual User manual for the GravaStar Mercury M1 Pro Wireless Gaming Mouse, detailing its features, setup, button functions, specifications, and warranty.

	[GravaStar Mercury M1 Pro Wireless Gaming Mouse User Manual] Comprehensive user manual for the GravaStar Mercury M1 Pro Wireless Gaming Mouse, detailing features, setup, specifications, and warranty information. Learn how to connect, customize, and maintain your gaming mouse.
	[GravaStar Mercury X Pro Wireless Gaming Mouse User Manual] User manual for the GravaStar Mercury X Pro Wireless Gaming Mouse, including setup, features, and specifications.
	[Gravastar Mercury K1 Pro 75% Wireless Mechanical Gaming Keyboard User Manual] User manual for the Gravastar Mercury K1 Pro, a 75% wireless mechanical gaming keyboard. Includes specifications, connection methods, lighting effects, and system compatibility.

Documents - GravaStar – Mercury K1


GravaStar
Mercury K1 Mechanical Keyboard
Datasheet
Product Overview
The GravaStar Mercury K1 is a statement piece for the modern desktop. Merging a futuristic Transparent Black aesthetic with high-performance mechanics, it features a gasket-mount for a premium typing feel, versatile tri-mode connectivity, and hot-swappable switches for endless customization. Designed for those who refuse to compromise on style or substance.
Technical Specifications
Feature Description
Model Mercury K1
Brand GravaStar
Color Transparent Black

[GravaStar Mercury K1 Mechanical Keyboard Datasheet]
Detailed datasheet for the GravaStar Mercury K1 Mechanical Keyboard, highlighting its transparent design, gasket mount, tri-mode connectivity, hot-swappable switches, and 80% layout.
lang:en score:36 filesize: 191.27 K page_count: 3 document date: 2025-10-10

[pdf] User Manual Dimension Guide
GravaStar MERCURY K1 Lite Wireless Mechanical Gaming Keyboard User Manual 2ASXF GSK1 LITE 2ASXFGSK1LITE noein Gravastar Mercury ManualGravastar Manualklaviatura provodnaa besprovodnaa gravastar mercury k1 instrukcia 184501 07082025klaviatura 07082025drv dns shop ru drivers oth K klaviatura 07082025 |||
User Manual Speci cations Number of keys: 80 Keyboard switch type: Mechanical switch Bluetooth version: V5.0 Bluetooth name: K1 LITE Wireless distance: 10 meters Battery capacity: 4000mAh Battery life Approximately 20H default lighting e ects approximately 666H with ...
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