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› ONIKUMA GAMING G69 Magnetic Mechanical Gaming Keyboard User Manual

ONIKUMA GAMING G69

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Model: G69

Brand: ONIKUMA GAMING

1. INTRODUCTION

Welcome to the ONIKUMA GAMING G69 Magnetic Mechanical Gaming Keyboard user manual. This guide provides detailed instructions for setting up, operating, customizing, and maintaining your new keyboard. Designed for competitive gaming, the G69 features rapid trigger magnetic switches, adjustable actuation, and an 8000Hz polling rate for superior performance.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- ONIKUMA GAMING G69 Magnetic Mechanical Gaming Keyboard
- USB-C to USB-A Cable
- Keycap Puller / Switch Puller Tool
- Wrist Rest
- Instruction Manual (this document)



Image showing the packing list: Packaging box, Instruction manual, Keyboard, Ribbon, USB C Cable.

3. PRODUCT OVERVIEW

The ONIKUMA GAMING G69 is a compact 68-key mechanical gaming keyboard engineered for precision and speed.



ONIKUMA GAMING G69 Magnetic Mechanical Keyboard highlighting features like Gasket Structure, Custom Web Driver, Mac/Win compatibility, Rapid Trigger, DKS support, Hot-Swappable, 0.125ms Latency, 8000Hz Polling Rate, USB-C Wired, and Hall Effect Switch.

Key Features:

- **Competition-Level Response Speed:** 0.125ms ultra-low latency and 8000Hz polling rate for near-zero input signal transmission delay.

Precision & Speed

G69

Latency:
0.125ms

Polling Rate:
8000hz

Other Gaming Keyboard

Latency:
1ms

Polling Rate:
1000hz

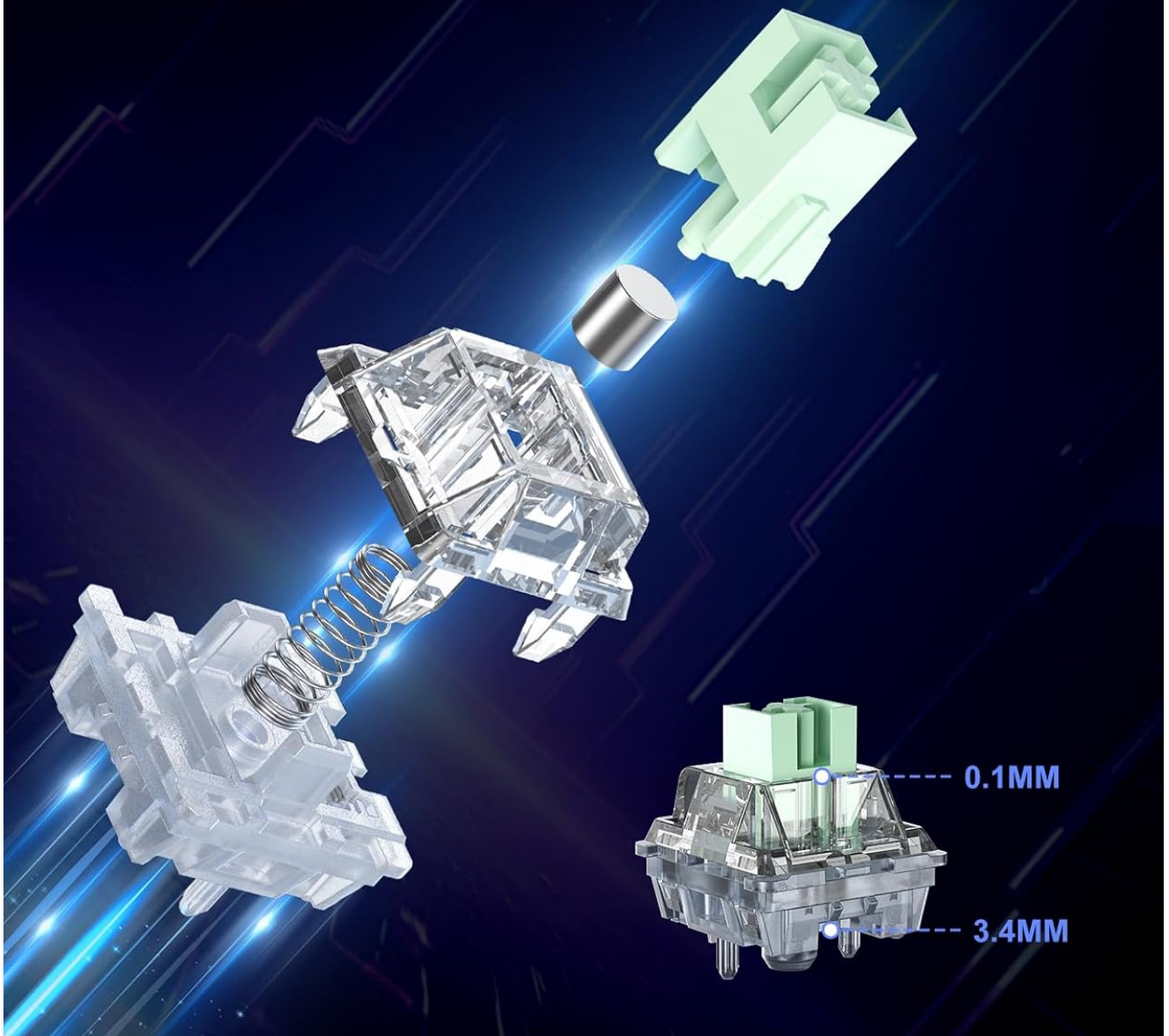


Comparison image showing G69's 0.125ms latency and 8000Hz polling rate versus other gaming keyboards.

- **0.02mm Magnetic Axis Accuracy:** Customized magnetic axis solution with $\pm 0.02\text{mm}$ triggering accuracy and a 0.01ms anti-shake algorithm, reducing key signal recognition error rate by 60%. Switch lifespan exceeds 150 million strikes.

Fast Magnetic Switch RT

Adjustable range 0.1-3.4mm



Detailed view of the magnetic switch mechanism with adjustable actuation range from 0.1mm to 3.4mm.

- **68-Key Minimalist Layout:** Compact 65% layout, retaining independent direction keys and function layer switching keys (Fn+ combinations), balancing gaming efficiency with multitasking needs. Ideal for laptops or small gaming setups.
- **Immersive Lighting System:** 16.8M color lower light position RGB solution with 1200 nits backlight brightness. Keycaps made with two-color injection molding (85% PBT content) for superior light transmission uniformity.
- **Full-Key Hot-Swappable Structure:** Compatible with three-pin/five-pin magnetic shafts (only Magnetic Jade Pro and Magneto Shafts supported), allowing welding-free switch replacement. Shock-absorbing metal positioning plate and silicone rubber core cotton ensure stable performance and reduce resonance noise.

Hall Effect Switch

50 million times

Key life

3.4±0.1MM

Operating route

37±5gf

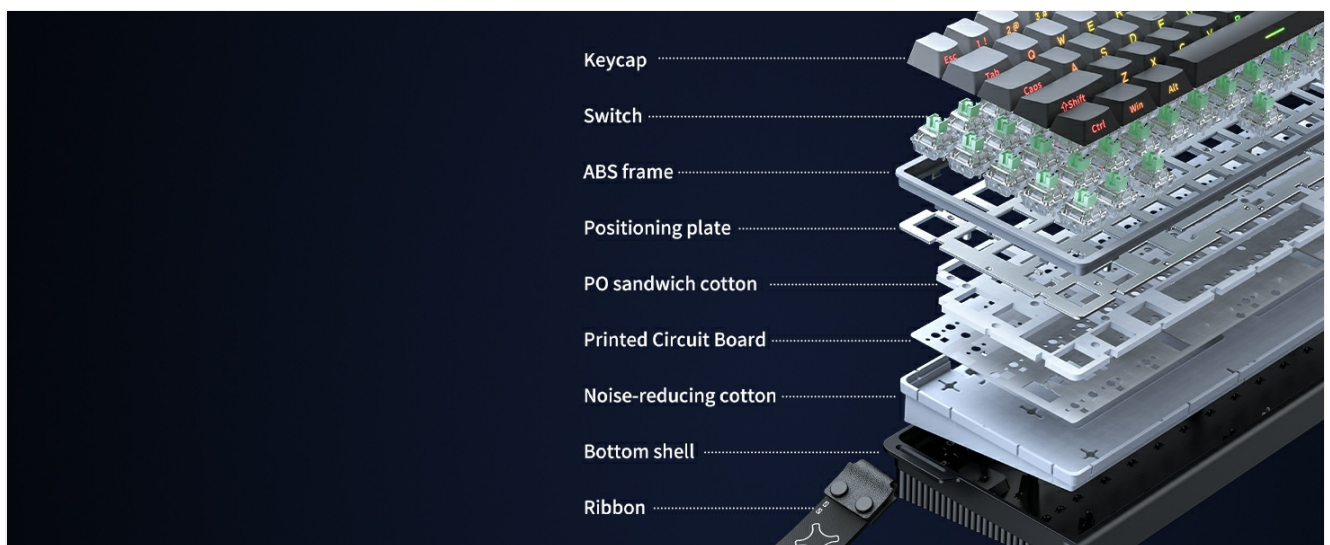
Operating load

5±0.5V

Working voltage



Detailed view of the Hall Effect Switch specifications: 50 million times key life, 3.4±0.1MM operating route, 37±5gf operating load, 5±0.5V working voltage.



Exploded view diagram of the keyboard's internal structure, showing layers like Keycap, Switch, ABS frame, Positioning plate, PO sandwich cotton, Printed Circuit Board, Noise-reducing cotton, Bottom shell, and Ribbon.

4. SETUP

Connecting the Keyboard

1. Connect the provided USB-C to USB-A cable to the USB-C port on the back of the G69 keyboard.
2. Connect the USB-A end of the cable to an available USB port on your computer (PC or Mac).
3. The keyboard will automatically be recognized by your operating system.

Adjusting Keyboard Angle

The G69 keyboard features two-stage adjustable feet on the underside. Flip out the feet to your preferred angle for ergonomic comfort.

USB-C wired connection

Faster and more stable

Compatible with: Windows 7/8/9/10/11/Mac



Image showing the USB-C wired connection of the keyboard to a computer setup.

Customization Web Driver

Support system:
Windows, Mac OS

Function:
DSK, MT, TGL, Stoke Setting,
Keys Setting, and more



Image showing the USB-C port on the side of the keyboard and the two-stage adjustable stands on the underside.

5. OPERATING INSTRUCTIONS

Basic Functions

- **Typing:** Use the standard QWERTY layout for typing.
- **Function Keys (Fn):** The Fn key (located near the right Alt key) is used in combination with other keys to access secondary functions.

RGB Lighting Control

The G69 keyboard offers 16.8 million RGB colors and 19 lighting effects. Use the Fn key combinations to control the lighting:

16 Million RGB Colors

19 Lighting Effects



FN+		backlight color switching	↑	light brightness+
	Enter	backlight effect switching	↓	light brightness -
	S	Win mode	→	The light speed increases
	T	backlight switch	←	The light speed slows down

Image showing the keyboard with vibrant RGB backlighting and a diagram of Fn key combinations for lighting control.

Function	Key Combination
Backlight Color Switching	Fn +
Backlight Effect Switching	Fn + Enter
Win Mode	Fn + S
Mac Mode	Fn + A

Function	Key Combination
Backlight On/Off Switch	Fn + T
Lighting Speed Faster	Fn + →
Lighting Speed Slower	Fn + ←
Lighting Brightness +	Fn + ↑
Lighting Brightness -	Fn + ↓
Win Lock	Fn + Win

N-Key Rollover

The G69 supports N-Key Rollover, allowing multiple keys to be pressed simultaneously without delay or input errors, enhancing gameplay responsiveness.

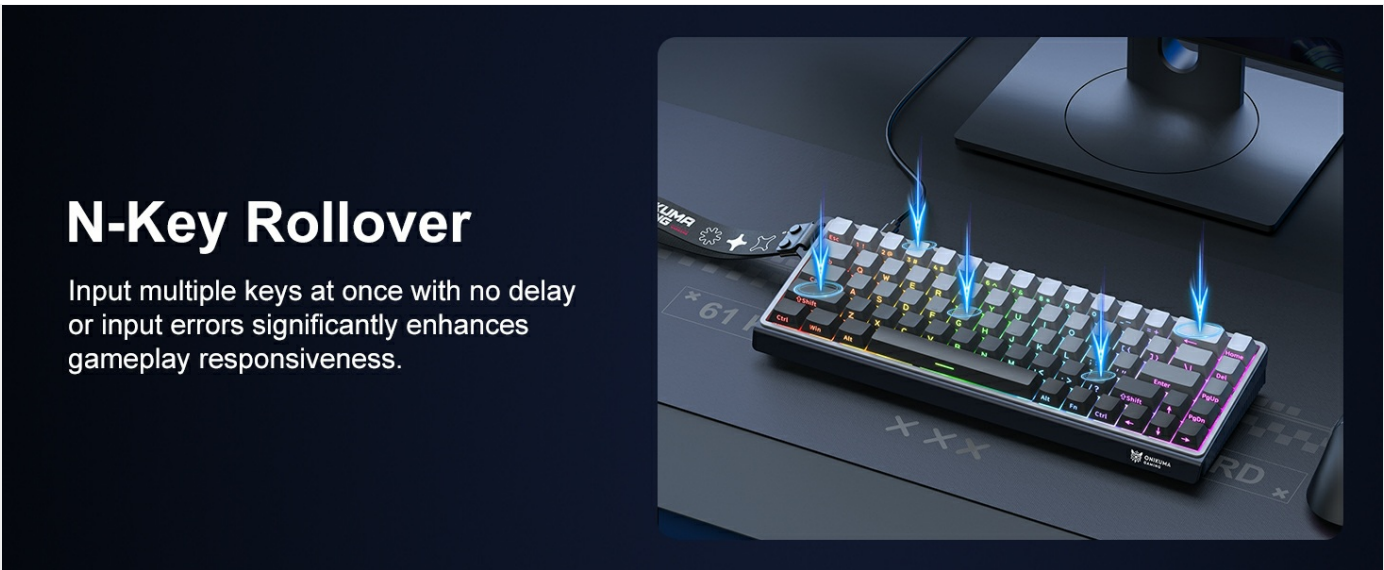


Illustration demonstrating N-Key Rollover functionality, where multiple key presses are registered simultaneously.

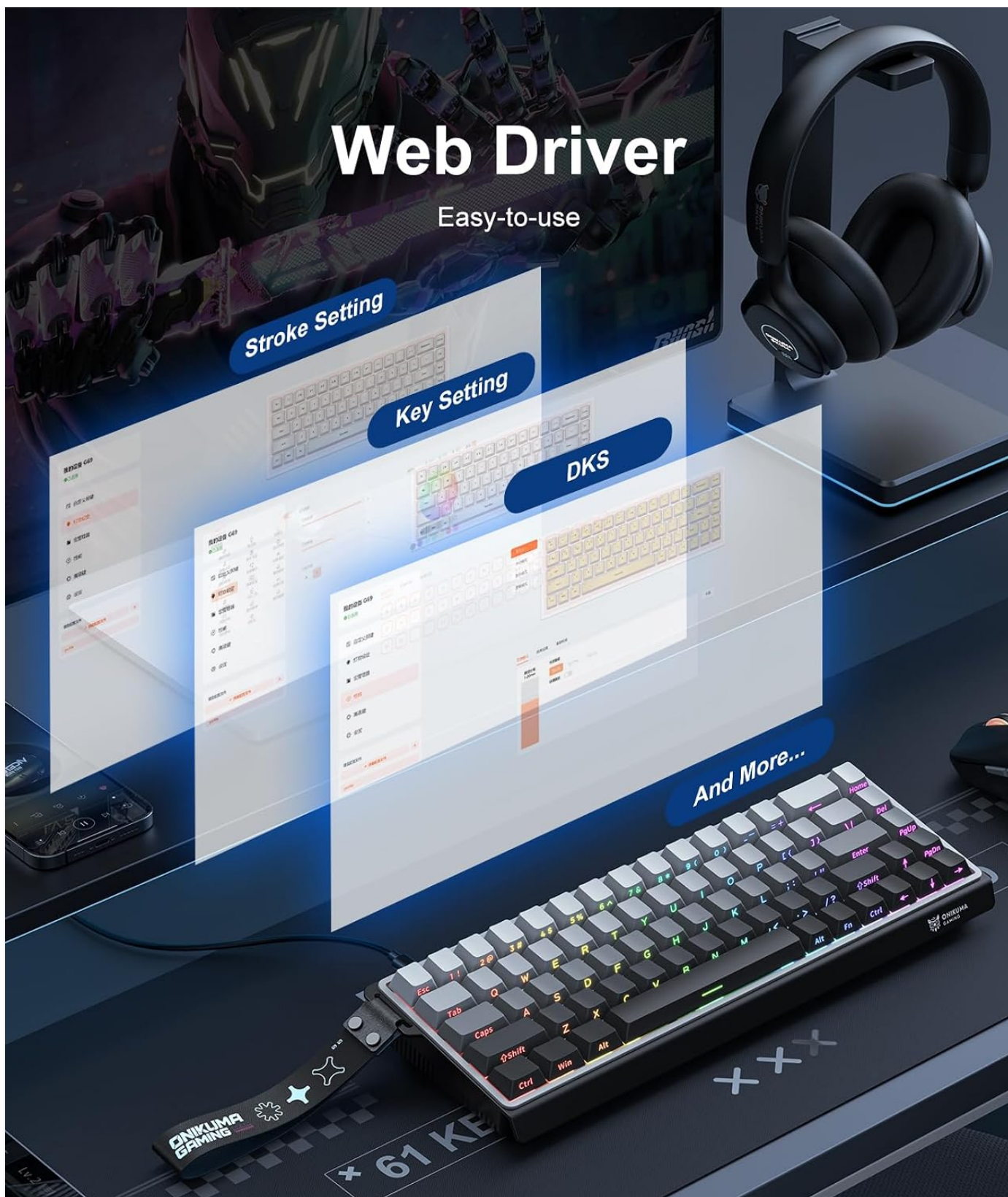
6. CUSTOMIZATION

Web Driver Software

The ONIKUMA GAMING G69 keyboard supports a custom web driver for advanced customization. This software allows you to:

- Adjust stroke settings.
- Customize key settings.
- Utilize DKS (Dynamic Key Stroke) functions.
- And more advanced features.

The web driver is compatible with Windows and Mac OS.



Screenshot of the Web Driver interface showing options for Stroke Setting, Key Setting, and DKS.

Hot-Swappable Switches

The G69 features a full-key hot-swappable structure, allowing you to replace switches without soldering. It is compatible with three-pin/five-pin magnetic shafts, specifically Magnetic Jade Pro and Magneto Shafts. This enables users to mix and match section shafts/linear shafts for a personalized typing and gaming feel.

Hot Swappable Keyboard

For South-Facing Magnetic Switches



Pre-lubed Linear Switch



Hot-swap Socket



Lubed & Tuned Plate Mounted Stabilizer



South-Facing Per-Key LEDs

Note: G69 Magnetic Keyboard is not compatible with mechanical switch or optical switch, only work with Magnetic Jade Pro and Magneto Shaft.



Diagram illustrating the hot-swappable design for south-facing magnetic switches, including pre-lubed linear switch, hot-swap socket, lubed & tuned plate mounted stabilizer, and south-facing per-key LEDs.

Operating System Compatibility

The keyboard is designed for easy switching between Windows and Mac systems:

- **Windows Mode:** Press **Fn + S**
- **Mac Mode:** Press **Fn + A**

RGB and Colors

FN+

	Backlight color switching	WIN-L	Win Lock
Enter	Backlight effect switching	→	Lighting speed faster
S	Win mode	←	Lighting speed slower
A	Mac mode	↑	Lighting brightness +
T	Backlight on/off switch	↓	Lighting brightness -



Image showing the keyboard's compatibility with Windows (Fn+S) and Mac (Fn+A) operating systems.

7. MAINTENANCE

Cleaning

- Disconnect the keyboard from your computer before cleaning.
- Use a soft, damp cloth to wipe the surface of the keyboard.
- For deeper cleaning, use the provided keycap puller to remove keycaps and clean underneath with compressed air or a soft brush.
- Avoid using harsh chemicals or abrasive materials.

Switch Replacement

To replace a switch:

1. Gently remove the keycap using the keycap puller tool.
2. Use the switch puller tool to carefully extract the magnetic switch from its socket.
3. Align the pins of the new compatible magnetic switch (Magnetic Jade Pro or Magneto Shaft) with the socket and press firmly until it clicks into place.
4. Reattach the keycap.

8. TROUBLESHOOTING

Keyboard Not Responding

- Ensure the USB-C cable is securely connected to both the keyboard and your computer.
- Try connecting the keyboard to a different USB port on your computer.
- Test the keyboard on another computer to rule out system-specific issues.
- **Reset the Keyboard:** Long press **Fn + Backspace** for 3 seconds to reset the keyboard to factory settings.



Image illustrating how to reset the keyboard by long pressing Fn + Backspace for 3 seconds.

Lighting Issues

- Use the Fn key combinations (Fn + \ |, Fn + Enter, Fn + ↑/↓) to adjust lighting effects, colors, and brightness.
- Ensure the backlight is not turned off (Fn + T).
- If issues persist, try resetting the keyboard.

Keys Not Registering Correctly

- Check for any debris under the keycap or switch. Clean as described in the Maintenance section.
- If using custom switches, ensure they are correctly seated and compatible (Magnetic Jade Pro or Magneto Shafts).
- Update the keyboard's firmware using the web driver software if available.

9. SPECIFICATIONS

Feature	Detail
Model	G69
Brand	ONIKUMA GAMING
Layout	68-Key (60% Compact)
Switch Type	Magnetic Switches (Hot-Swappable)
Actuation Accuracy	±0.02mm
Latency	0.125ms
Polling Rate	8000Hz
Backlighting	RGB (16.8M colors, 19 effects, 1200 nits brightness)
Keycap Material	PBT (85% content)
Connectivity	Wired (USB-C)
Compatible OS	Windows 7/8/9/10/11, Mac OS
Dimensions	Approximately 13 x 4.6 x 1.3 inches (33 x 11.7 x 3.3 cm)
Weight	1.19 lbs (0.54 kg)
Included Components	USB Cable, Wrist Rest

Classic Compact 68 Keys Layout

Compact size and weight

Thickness: 1.3 inches

Weight: 1.19 lbs



Diagram showing the dimensions of the 68-key compact layout keyboard: 13 inches length, 4.6 inches width, 1.3 inches thickness, and 1.19 lbs weight.

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official ONIKUMA GAMING website or contact their customer service directly.

Email: support@onikumagaming.vip

Please retain your proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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