

KiiBoom Phantom 68

KiiBoom Phantom 68 Mechanical Keyboard User Manual

1. INTRODUCTION

The KiiBoom Phantom 68 is a 65% layout mechanical keyboard designed for versatility and performance. It features a crystal gasket-mounted design, hot-swappable switches, and multiple connectivity options including Bluetooth 5.0, 2.4GHz wireless, and USB Type-C wired connection. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your keyboard.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Sleek 68-Key Layout:** A compact 65% layout with essential keys.
- **Solid Gasket-Mounted Design:** Enhances typing feel and acoustics with additional Poron foam layers.
- **Hot-Swappable Switches:** Compatible with 3-pin/5-pin mechanical switches for easy customization.
- **Transparent Acrylic Build:** Durable and aesthetically pleasing crystal clear acrylic construction.
- **Customized Crystal Mechanical Switches & Keycaps:** Features KiiBoom's proprietary pre-lubed Crystal Switches and transparent keycaps.
- **Triple Mode Connectivity:** Supports Bluetooth 5.0, 2.4GHz wireless (USB dongle), and USB Type-C wired connections.
- **Long-lasting Battery:** Equipped with a 4000mAh battery for extended use.
- **Customizable South-Facing RGB LEDs:** Offers 19+ RGB lighting presets and per-key customization with 16.8 million colors.
- **Programmable with Software:** Compatible with Mac and Windows software for custom RGB effects, key programming, and macro mapping.

2.2 What's in the Box

- KiiBoom Phantom 68 Mechanical Keyboard
- USB Cable

- Keycap Puller
- Switch Puller
- User Manual

3. SETUP

3.1 Unboxing and Initial Inspection

Carefully remove the keyboard and accessories from the packaging. Inspect all components for any signs of damage. Ensure all items listed in 'What's in the Box' are present.

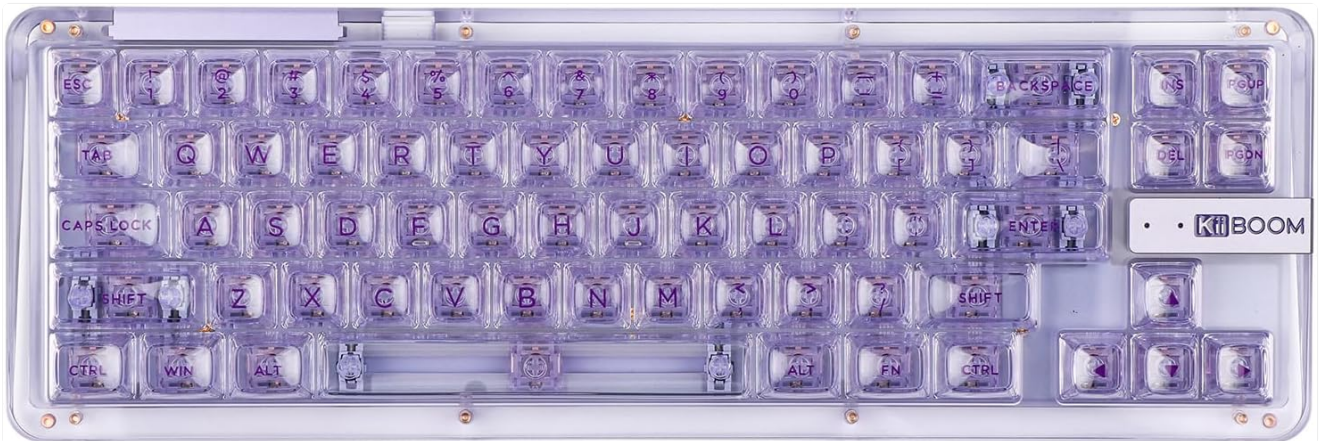


Figure 1: KiiBoom Phantom 68 Mechanical Keyboard.

3.2 Connectivity Modes

The Phantom 68 supports three connection modes: Bluetooth 5.0, 2.4GHz wireless, and USB Type-C wired. Use the switch on the back of the keyboard to select your desired mode.

65% Layout MECHANICAL KEYBOARD



Compared to a 108 key keyboard

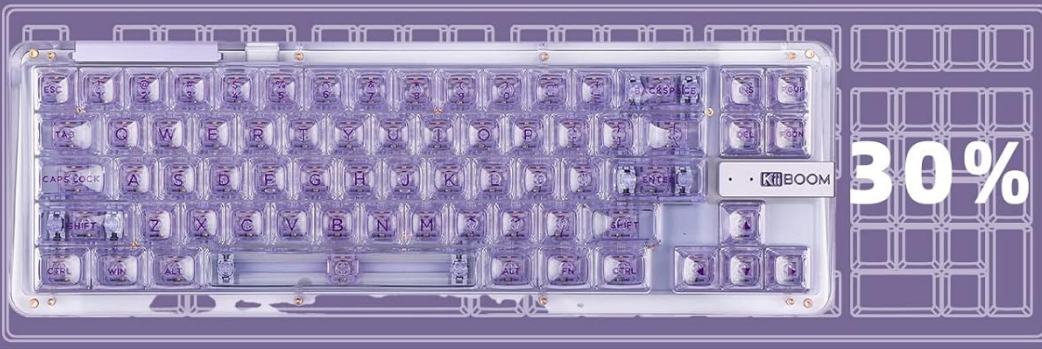


Figure 2: Connectivity ports and mode switches on the KiiBoom Phantom 68.

- **Bluetooth 5.0:** Toggle the switch to 'BT'. The keyboard can connect to up to three devices. Refer to your device's Bluetooth settings to pair.
- **2.4GHz Wireless:** Toggle the switch to '2.4G'. Insert the included USB dongle into your computer. The keyboard should connect automatically.
- **USB Type-C Wired:** Toggle the switch to 'USB'. Connect the keyboard to your computer using the provided USB Type-C cable.

3.3 Operating System Compatibility

The keyboard features a switch to optimize key functions for Windows or Mac operating systems. Locate the switch on the back of the keyboard and select the appropriate setting for your device.

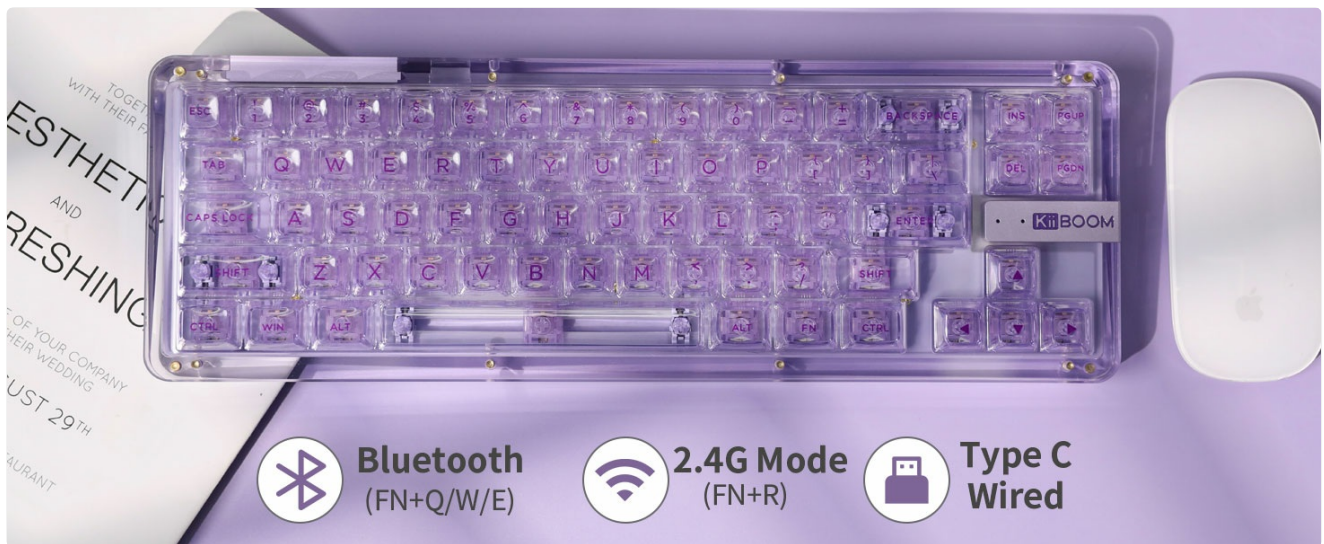


Figure 3: Windows/Mac compatibility switch and connection modes.

4. OPERATING INSTRUCTIONS

4.1 RGB Lighting Customization

The Phantom 68 features customizable South-Facing RGB LEDs. You can cycle through various lighting presets directly on the keyboard or use the dedicated software for advanced customization.

- **On-Keyboard Presets:** Press **FN + Insert** to cycle through over 19 different RGB lighting effects.
- **Software Customization:** Download the KiiBoom software for Mac or Windows to access per-key RGB lighting, 16.8 million colors, and multiple dynamic patterns.



Figure 4: KiiBoom Phantom 68 with customizable RGB lighting.

Video 1: Demonstration of LED effects on the KiiBoom Phantom 68 Keyboard.

Video 2: Guide on customizing the lights of the Phantom 68 keyboard.

4.2 Hot-Swappable Switches

The Phantom 68 allows for easy replacement of mechanical switches without soldering. This feature enables ultimate customization of your typing experience.



Figure 5: Removing a hot-swappable switch from the keyboard.

- To remove a switch, use the included switch puller to gently grasp and pull the switch upwards.
- To install a new switch, align the pins of the new switch with the holes on the PCB and press down firmly until it clicks into place. Ensure pins are not bent.

4.3 Battery Status Check

To check the current battery power level, press the key combination **FN + Backspace**. The backlight will temporarily go off, and the number keys 1 to 0 will light up to indicate the power percentage:

- 1 light up: 10% power
- 2 lights up: 20% power
- ...and so on, up to 10 lights for 100% power.

The color of the lights indicates the battery level:

- Below 30%: Red
- Below 50%: Yellow
- Above 50%: Green



Figure 6: Battery power check indication.

5. MAINTENANCE

5.1 Cleaning the Keyboard

To maintain the transparent acrylic finish and overall cleanliness, regularly wipe the keyboard with the provided duster cloth or a soft, lint-free cloth. For deeper cleaning, a slightly damp cloth can be used, ensuring no moisture enters the internal components.

5.2 Replacing Keycaps and Switches

Use the included keycap puller to carefully remove keycaps. Use the switch puller to remove switches as described in Section 4.2. Always handle components gently to avoid damage.



Figure 7: KiiBoom Switch Puller.

6. TROUBLESHOOTING

6.1 Connectivity Issues

- **Keyboard not connecting:** Ensure the mode switch (Bluetooth, 2.4GHz, USB) is set correctly. For wireless modes, check battery level. For Bluetooth, ensure your device's Bluetooth is on and the keyboard is in pairing mode. For 2.4GHz, ensure the USB dongle is securely inserted.
- **Intermittent connection:** Try moving closer to your device for wireless connections. Ensure no strong interference sources are nearby. Re-pair Bluetooth or re-insert the 2.4GHz dongle.

6.2 Key Input Problems

- **Keys not responding:** Check if the keyboard is powered on and connected. If specific keys are not working,

the switch might be faulty. Use the switch puller to replace the switch (refer to Section 4.2).

- **Key chatter (multiple inputs from a single press):** This often indicates a faulty switch. Replace the problematic switch using the included tools.

6.3 RGB Lighting Malfunctions

- **Lights not working or incorrect colors:** Ensure the keyboard is powered on. Try cycling through RGB presets (FN + Insert). If using software, ensure it is running and correctly configured.

6.4 Software Issues

- **Software not detecting keyboard:** Ensure the keyboard is connected via USB-C or 2.4GHz wireless. Restart the software and/or your computer.
- **Custom settings not applying:** Ensure you have saved and applied settings within the software.

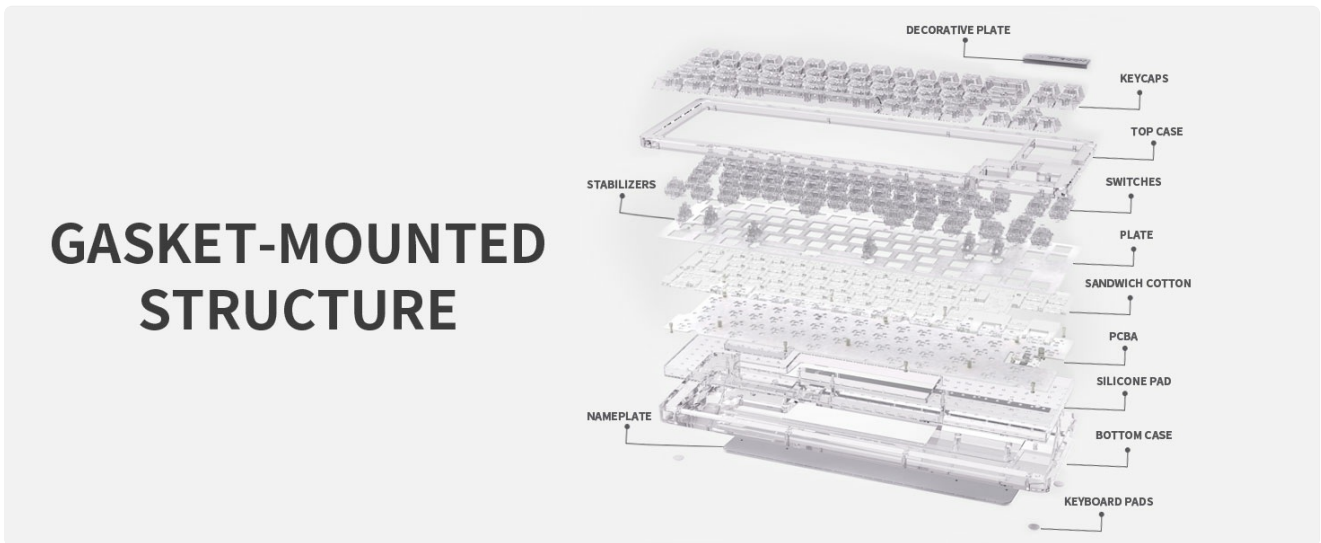


Figure 8: KiiBoom Phantom 68 software interface for customization.

7. SPECIFICATIONS

Feature	Detail
Brand	KiiBoom
Model Name	Phantom 68
Layout	65% (68 Keys)
Connectivity	Bluetooth 5.0, 2.4GHz (Wi-Fi), USB Type-C (Wired)
Compatible Devices	Laptop, PC, Smartphone
Keyboard Description	Gaming
Special Features	Backlit, Customizable Display Keys, Programmable Keys, Rechargeable, Transparent Base
Color	Purple (as per product variant)
Keyboard Backlighting	RGB (South-Facing)

Material	Acrylic
Power Source	Battery Powered
Battery Capacity	4000mAh
Switch Type	Linear (KiiBoom Crystal Switches)
Keyboard Layout	QWERTY
Enclosure Material	Acrylic

8. WARRANTY AND SUPPORT

The KiiBoom Phantom 68 Mechanical Keyboard comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use.

For technical support, warranty claims, or further assistance, please visit the official KiiBoom website or contact their customer service through the platform where the product was purchased. Please retain your proof of purchase for warranty validation.