KiiBoom Loop 65

KiiBoom Loop 65 Mechanical Keyboard User Manual

Model: Loop 65

PRODUCT OVERVIEW

The KiiBoom Loop 65 mechanical keyboard, featuring its distinctive gradient design and RGB backlighting.

The KiiBoom Loop 65 is a high-performance 65% mechanical keyboard designed for enthusiasts and professionals. It features a full aluminum block structure with a unique gradient design, offering both durability and aesthetic appeal. The keyboard incorporates advanced features such as QMK/VIA programmability, hot-swappable switches, and tri-mode connectivity, providing a customizable and versatile typing experience.

Key features include:

- **Aesthetic Gradient Design:** Anodized 6063 aluminum case with a unique two-color gradient, complemented by Cherry Profile dye-sub PBT keycaps.
- **Gasket Mount Structure and Flex-cut FR4 Plate:** Ensures superior key sounds and typing comfort with a neutral sound profile and pleasant flex.
- **Five Layers of Sound Dampening Material:** Includes Poron sandwich foam, IXPE switch pad, PET sound-improving film, Poron case foam, and an additional PET film layer for enhanced acoustic performance.
- **QMK/VIA Programmable:** Allows for extensive customization of key mappings, macros, shortcuts, and key combinations.
- **Hot-Swappable PCB:** Supports easy replacement of 3-pin/5-pin mechanical switches without soldering, enabling personalized tactile feedback and efficient maintenance.

- **Tri-Mode Connectivity:** Offers flexible connection options via wired USB-C, Bluetooth 5.0, and 2.4GHz wireless with a USB dongle.
- **4000mAh Battery:** Provides long-lasting wireless operation.
- **South-Facing RGB Lighting:** Ensures visible backlighting and full compatibility with Cherry profile keycaps.

The KiiBoom Loop 65 mechanical keyboard, showcasing its compact 65% layout and key features such as tri-mode connectivity, full aluminum construction, QMK/VIA support, and hot-swappable switches.

SETUP

Package Contents

Before setup, ensure all items are present:

- KiiBoom Loop 65 Mechanical Keyboard
- USB Cable (USB-C to USB-A)
- Keycap Puller

- Switch Puller (often included with hot-swappable keyboards)
- 2.4GHz USB Dongle (for wireless connectivity)

Initial Connection

The KiiBoom Loop 65 supports three connectivity modes: wired, Bluetooth, and 2.4GHz wireless.

The KiiBoom Loop 65 offers versatile tri-mode connectivity for various devices.

Wired Mode (USB-C)

1. Locate the USB-C port on the keyboard (typically on the back or side).
2. Connect one end of the provided USB-C cable to the keyboard and the other end to a USB-A port on your computer.
3. Ensure the connectivity switch on the keyboard is set to the wired mode (refer to the keyboard's physical switch, often labeled with a USB icon or 'Wired').
4. The keyboard will be recognized automatically by your operating system.

2.4GHz Wireless Mode

1. Locate the 2.4GHz USB dongle. This dongle is often stored in a dedicated slot on the keyboard itself for convenience.
2. Plug the USB dongle into an available USB port on your computer.
3. Set the connectivity switch on the keyboard to the 2.4GHz wireless mode (often labeled with a wireless icon or '2.4G').
4. The keyboard should automatically pair with the dongle. If not, press Fn + 4$ (as indicated in product images) to initiate pairing.

Bluetooth Mode

1. Set the connectivity switch on the keyboard to Bluetooth mode (often labeled with a Bluetooth icon or 'BT').
2. The keyboard supports up to three Bluetooth devices. To enter pairing mode for a specific slot, press and hold Fn + Q, Fn + W, or Fn + E for a few seconds until the keyboard's RGB lighting indicates pairing mode (e.g., rapid flashing).
3. On your device (PC, laptop, tablet, smartphone), navigate to Bluetooth settings and search for new devices.
4. Select "KiiBoom Loop 65" (or similar name) from the list of available devices to complete the pairing process.
5. Once paired, you can switch between connected Bluetooth devices by pressing Fn + Q, Fn + W, or Fn + E.

Detailed view of the KiiBoom Loop 65's connectivity options and compatible devices.

OPERATING INSTRUCTIONS

QMK/VIA Programmability

The KiiBoom Loop 65 is QMK/VIA programmable, allowing for extensive customization of key functions, macros, and lighting effects. To utilize this feature:

1. Download the QMK Toolbox and VIA software from the official QMK/VIA website.
2. Connect your keyboard in wired mode to your computer.
3. Launch the VIA software. The software should automatically detect your keyboard.
4. Use the intuitive interface to remap keys, create custom macros, and configure layers. Changes are applied in real-time.

Customize your keyboard layout and functions using the QMK/VIA software.

Note: Some users have reported initial difficulties with QMK/VIA setup. Ensure you are using the correct software version and refer to online community resources or the official KiiBoom support for detailed guides if needed.

RGB Lighting Control

The keyboard features south-facing RGB lighting with various effects. You can control the lighting directly from the keyboard:

- **Turn On/Off Backlights:** Press Fn + Z
- **Toggle Backlight Effects:** Press Fn + \ (backslash)
- **Toggle Backlight Colors:** Press Fn + < (comma) or Fn + > (period)

Control the vibrant RGB lighting directly from your keyboard.

Volume Knob

The integrated metal knob on the upper right corner of the keyboard functions as a volume control. Rotate it to adjust the system volume. Press the knob to mute/unmute audio.

The multi-functional metal knob for volume control.

Battery Management

The KiiBoom Loop 65 is equipped with a 4000mAh battery for extended wireless use. To charge the keyboard, connect it via the USB-C cable to a power source (computer USB port or wall adapter). The keyboard can be used while charging.

The 4000mAh battery provides long-lasting power for wireless use.

Cleaning the Keyboard

Regular cleaning helps maintain the keyboard's performance and appearance:

- Disconnect the keyboard from all power sources.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe down the keycaps and case. Avoid excessive moisture.
- For dust and debris between keycaps, use compressed air or a small brush.

Replacing Switches (Hot-Swappable)

The KiiBoom Loop 65 features a hot-swappable PCB, allowing you to change switches without soldering. This is useful for customizing typing feel or replacing faulty switches.
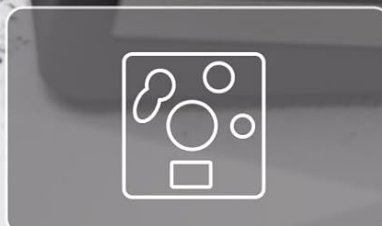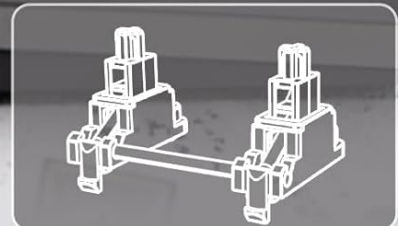
The hot-swappable PCB allows for easy switch replacement.

1. Using the provided keycap puller, gently remove the desired keycap by pulling straight up.

2. Once the keycap is removed, use the switch puller to grasp the switch firmly. Apply gentle pressure and pull the switch straight up to remove it from the PCB.

3. Align the pins of the new switch with the holes on the PCB. Ensure the pins are straight to avoid bending.

4. Gently push the new switch into place until it clicks securely.

5. Re-attach the keycap by pressing it firmly onto the new switch stem.

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Video demonstrating the assembly process of the KiiBoom Loop 65 keyboard, including how to install components like switches and the case structure.

Replacing Keycaps

To replace keycaps, use the keycap puller to gently remove the existing keycap. Align the new keycap with the switch stem and press down firmly until it is seated securely.

The keyboard features durable Cherry Profile dye-sub PBT keycaps.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Keyboard not connecting wirelessly (2.4GHz/Bluetooth)	- Incorrect mode selected. - Dongle not properly inserted or faulty (2.4GHz). - Bluetooth pairing issue or interference. - Low battery.	- Ensure the physical switch is set to the correct wireless mode (2.4G or BT). - For 2.4GHz, try re-inserting the dongle into a different USB port. If the dongle is confirmed faulty, contact support for a replacement. - For Bluetooth, ensure the keyboard is in pairing mode (Fn + Q/W/E) and re-attempt pairing from your device's Bluetooth settings. - Charge the keyboard fully.

Problem	Possible Cause	Solution
Keys not responding or inconsistent input	- Loose or faulty switch. - Debris under keycap/switch. - Software/firmware issue.	- Remove the keycap and switch, then re-seat the switch firmly. If the issue persists, replace the switch. - Clean under the keycap and around the switch socket using compressed air. - Ensure QMK/VIA firmware is up to date. Perform a factory reset if necessary (refer to QMK/VIA documentation).
QMK/VIA software not detecting keyboard or programming issues	- Keyboard not in wired mode. - Incorrect software version or drivers. - Firmware corruption.	- Ensure the keyboard is connected via USB-C cable and the physical switch is in wired mode. - Download the latest QMK Toolbox and VIA software from the official QMK/VIA website. - Follow the QMK/VIA flashing instructions carefully to re-flash the keyboard firmware if programming issues persist.
Key height inconsistency	- Keycaps not fully seated. - Switches not fully seated.	- Gently press down on the affected keycaps to ensure they are fully seated on the switch stems. - Remove the keycap and re-seat the switch firmly into the PCB.

SPECIFICATIONS

Feature	Detail
Product Dimensions	12.68 x 4.49 x 1.77 inches (322mm L x 114mm W x 45mm H)
Item Weight	4.38 pounds (approx. 1.99 kg)
Manufacturer	KiiBoom
Connectivity Technology	2.4Ghz Wireless, Bluetooth 5.0, USB-C Wired
Keyboard Description	Mechanical
Recommended Uses	Everyday Use, Education, Gaming, Business
Special Features	CNC Aluminum, QMK/VIA Programmable, Backlit, Creamy Keyboard, Detachable Block Structure, Gasket Mount, FR4 Plate, 5-layer Sound Dampening
Color	Grey Black (as per current model)

Feature	Detail
Number of Keys	66
Backlighting	RGB (South-Facing)
Battery Capacity	4000mAh
Keycap Material	Dye-sub PBT (Cherry Profile)

Detailed dimensions and specifications of the KiiBoom Loop 65 keyboard.
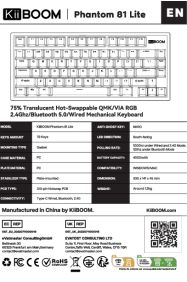
WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the official KiiBoom website or contact their customer service directly. A detailed User Manual in PDF format is also available for download:

[Download User Manual (PDF)](#)

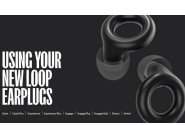For additional resources and community support, consider visiting the [KiiBoom Store on Amazon](#).
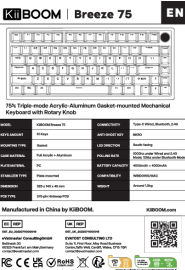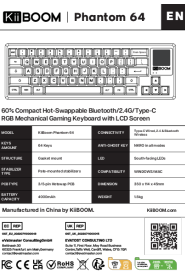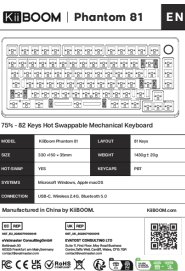
Related Documents - Loop 65

[KiiBOOM Phantom 81 Lite Mechanical Keyboard User Manual](#)
Comprehensive user manual for the KiiBOOM Phantom 81 Lite 75% Translucent Hot-Swappable QMK/VIA RGB Mechanical Keyboard, covering setup, functions, troubleshooting, and warranty.

KiiBOOM Breeze 75 Mechanical Keyboard: Features, Specs, and Guide
Comprehensive guide to the KiiBOOM Breeze 75 mechanical keyboard, covering its 75% layout, triple-mode connectivity (wired, Bluetooth, 2.4G), gasket mount, acrylic and aluminum build, rotary knob, hot-swappable PCB, and detailed function key mappings. Includes setup, pairing, indicator lights, battery check, switch handling, and warranty information.

KiiBOOM Phantom 64: 60% Mechanical Gaming Keyboard User Manual & Guide
Explore the KiiBOOM Phantom 64, a 60% compact, hot-swappable mechanical gaming keyboard with Bluetooth, 2.4G, and Type-C connectivity, featuring RGB backlighting and an LCD screen. This manual provides comprehensive details on setup, shortcuts, lighting customization, and warranty information.

KiiBOOM Phantom 81 Mechanical Keyboard: User Manual & Specifications
User guide for the KiiBOOM Phantom 81 75% hot-swappable mechanical keyboard. Features include specifications, detailed shortcut lists for Windows and macOS, Bluetooth and 2.4GHz pairing instructions, switch installation and removal guide, and warranty information.

Keychron K6 Pro Wireless Mechanical Keyboard: QMK/VIA Customization Guide
Explore the Keychron K6 Pro, a 65% wireless mechanical keyboard featuring QMK/VIA programmability, hot-swappable switches, and an aluminum RGB backlit design. Compatible with Mac, Windows, and Linux.

Loop Earplugs User Guide: Insertion, Sizing, Cleaning, and Care
Learn how to use, insert, find the perfect size, clean, store, and use accessories for your Loop earplugs. This guide covers models like Quiet, Engage, Experience, Dream, and Switch, including instructions for accessories like Loop Mute and mode switching for Loop Switch.

Documents - KiiBoom – Loop 65

[pdf]
KiiBOOM   98   Phantom 21 NKRO   Bluetooth 5 0 2 4GHz Type C
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Facebook Instagram Twitter Discord Website YouTube KiiBOOM ODMOriginal Design Manufact ... luetooth 5.02.4GHzType-C 8000mAh LED Phantom 21 21 NKRO Bluetooth 5.02.4GHzType-C RGB LED 1900mAh **LOOP 65** QMK/VIA 65 CNC FR4 Bluetooth 5.02.4GHzType-C 4000mAh RGB LED LOOP75 QMK/VIA 75 CNC FR4...
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KiiBOOM | KiiBOOM Loop 65   EN

65% Aluminum Hot Swappable QMK/VIA RGB
2.4Ghz/Bluetooth 5.0/Wired Mechanical Keyboard

MODEL	KiiBOOM Loop 65	CONNECTIVITY	Type-C Wired, Bluetooth, 2.4G
KEYS AMOUNT	66 Keys	ANTI-GHOST KEY	NKRO
MOUNTING TYPE	Gasket	LED DIRECTION	South-facing
CASE MATERIAL	Aluminum	BATTERY CAPACITY	4000mAh
PLATE MATERIAL	Flex-cut FR4	COMPATIBILITY	WINDOWS/MAC
STABILIZER TYPE	Plate-mounted	DIMENSION	322 x 114 x 46 mm
PCB TYPE	3/5-pin Hotswap PCB	WEIGHT	Around 1.5kg
POLLING RATE	1000hz under Wired and 2.4G Mode; 125hz under Bluetooth Mode		

Manufactured in China by KiiBOOM.   **KiiBOOM.com**

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