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› Keychron K10 Version 2 QMK Wireless Mechanical Gaming Keyboard User Manual

Keychron K10X-H1

Keychron K10 Version 2 QMK Wireless Mechanical Gaming Keyboard User Manual

Model: K10X-H1

INTRODUCTION

This manual provides detailed instructions for the Keychron K10 Version 2 QMK Wireless Mechanical Gaming Keyboard. It covers initial setup, operational procedures, maintenance guidelines, troubleshooting tips, and product specifications to ensure optimal use of your device.



Image: The Keychron K10 Version 2 mechanical keyboard, showcasing its full-size layout and design on a modern desk setup.

1. Package Contents

Ensure all components are present:

- Keychron K10 Version 2 Keyboard
- USB-C to USB-A Cable
- Keycap Puller
- Switch Puller
- User Manual (this document)
- Additional Keycaps (for Mac/Windows layout customization)

2. Initial Charging

Before first use, connect the keyboard to a USB power source using the provided USB-C cable. The charging indicator light will show the charging status. A full charge is recommended for optimal wireless performance.

The K10 Version 2 features a 4000mAh battery capacity.

3. Connectivity Modes

The keyboard supports both wireless (Bluetooth 5.1) and wired (USB-C) connections.

- **Wired Mode:** Connect the USB-C cable to the keyboard and your computer. The keyboard will automatically switch to wired mode.
- **Bluetooth Mode:**
 1. Toggle the switch on the side of the keyboard to "Bluetooth".
 2. Press and hold the **Fn + 1** (or **Fn + 2**, **Fn + 3**) key combination for 4 seconds until the '1' (or '2', '3') key flashes rapidly. This indicates the keyboard is in pairing mode.
 3. On your device (laptop, phone, tablet), search for Bluetooth devices and select "Keychron K10 V2".
 4. Once connected, the corresponding key ('1', '2', or '3') will stop flashing.
 5. The keyboard can connect to up to three devices simultaneously. Switch between paired devices by pressing **Fn + 1**, **Fn + 2**, or **Fn + 3**.



Connects up to 3 devices



Image: The Keychron K10 Version 2 keyboard shown connected wirelessly to a laptop, desktop monitor, and tablet, illustrating its multi-device Bluetooth capability.

4. Operating System Layout Switch

The keyboard is compatible with both Mac and Windows operating systems. Use the OS switch located on the side of the keyboard to select the appropriate layout.

- **Mac Mode:** For macOS devices.
- **Win Mode:** For Windows devices.

1 Num Lock
Indicator

2 Caps Lock
Indicator

3 Mac
Layout

4 Windows
Layout



Image: A close-up view of the top right section of the Keychron K10 Version 2 keyboard, highlighting the Num Lock, Caps Lock indicators, and the dedicated Mac and Windows layout keys.

OPERATING INSTRUCTIONS

1. Backlight Control (RGB Version)

The K10 Version 2 features an RGB backlight. Use the following key combinations to control the lighting effects:

- **Fn + Light Key (bulb icon):** Cycle through different backlight effects.
- **Fn + Left Arrow / Right Arrow:** Adjust backlight color (for static RGB modes).
- **Fn + Up Arrow / Down Arrow:** Adjust backlight brightness.
- **Fn + Plus / Minus:** Adjust backlight speed (for dynamic RGB modes).



Image: The Keychron K10 Version 2 keyboard illuminated with vibrant RGB backlighting, showcasing various color effects across the keys.

2. QMK/VIA Customization

The K10 Version 2 supports QMK firmware, allowing for extensive key remapping, macro creation, and shortcut customization. Use the Keychron Launcher web app for easy configuration.

- Visit the official Keychron website to download or access the Keychron Launcher web app.
- Connect your keyboard in wired mode to your computer.
- Follow the on-screen instructions in the Keychron Launcher to customize key functions, lighting, and macros.

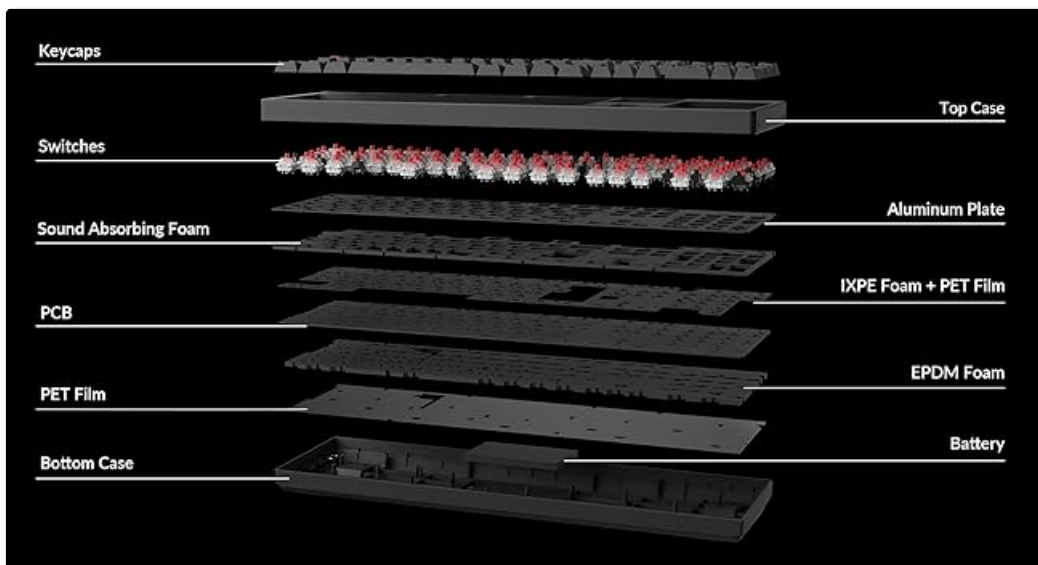


Image: A screenshot of the Keychron QMK Launcher software interface, displaying a virtual keyboard layout for key remapping and customization options.

3. Ergonomic Support

The keyboard features two levels of adjustable feet, providing typing angles of 7.7° and 11°. This allows users to select a comfortable typing position to reduce wrist strain during extended use.

Ergonomic Support

Three levels of adjustable typing angle (3.5°, 7.7° & 11°) and curved Cherry-profile keycaps are all working together to provide long-lasting ergonomic support for your wrist.



 7.7° / 11°

Image: Side profile views of the Keychron K10 Version 2 keyboard, demonstrating its two adjustable feet settings for different typing angles (7.7° and 11°).

1. Cleaning the Keyboard

To maintain the keyboard's appearance and functionality:

- Disconnect the keyboard from all power sources.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe the keycaps and chassis.
- For dust and debris between keycaps, use compressed air.
- Avoid using harsh chemicals or abrasive materials.

2. Hot-Swappable Switches

The K10 Version 2 features hot-swappable switches, allowing you to change mechanical switches without soldering. This enables customization of your typing experience.

• Removing Switches:

1. Use the provided keycap puller to carefully remove the desired keycap.
2. Use the provided switch puller to grip the top and bottom clips of the switch.
3. Gently pull the switch straight up to remove it from the PCB.

• Installing Switches:

1. Align the pins of the new 3-pin or 5-pin MX mechanical switch with the holes on the PCB.
2. Gently push the switch straight down until it clicks into place. Ensure the pins are not bent.
3. Replace the keycap.



Image: A close-up view of the Keychron K10 Version 2 keyboard demonstrating its hot-swappable feature, with several keycaps and switches removed to show the PCB sockets.

The PCB-mounted screw-in stabilizers for larger keys (Spacebar, Shift, Enter, Delete) are designed to reduce wobble and ensure smooth performance.

TROUBLESHOOTING

1. Keyboard Not Connecting via Bluetooth

- Ensure the keyboard's mode switch is set to "Bluetooth".
- Verify the keyboard is in pairing mode (Fn + 1/2/3 key flashing).

- Check if Bluetooth is enabled on your device.
- Try forgetting the device on your computer/phone and re-pairing.
- Ensure the keyboard battery is charged.
- Try connecting via wired mode to confirm basic functionality.

2. Keys Not Responding

- Check if the keyboard is properly connected (wired or Bluetooth).
- If in wired mode, try a different USB port or cable.
- If in Bluetooth mode, ensure it's paired and connected to the correct device slot.
- For individual keys, check if the switch is properly seated. If it's a hot-swappable switch, try removing and re-inserting it, or replacing it with a known working switch.
- Ensure the correct OS mode (Mac/Win) is selected.

3. Backlight Issues

- Ensure the backlight is turned on (Fn + Light Key).
- Adjust brightness (Fn + Up/Down Arrow).
- If the backlight is completely off, check battery level.
- Perform a factory reset (refer to the QMK/VIA section for advanced resets if needed).

4. Firmware Update

Periodically check the Keychron official website for firmware updates. Firmware updates can resolve bugs and improve performance. Follow the instructions provided on the Keychron website carefully when performing a firmware update.

SPECIFICATIONS

Feature	Detail
Brand	Keychron
Model Name	K10X-H1
Connectivity Technology	USB-C, Bluetooth 5.1
Compatible Devices	Laptop, Phone, Tablet (Mac/Windows)
Keyboard Description	Ergonomic, Full Size (104 keys)
Special Features	Backlit (RGB), Hot-Swappable, Hotkeys and Media Keys, Programmable Keys (QMK/VIA)
Switch Type	Linear (Super Red Mechanical Switch)
Power Source	Wired and Wireless (4000mAh Battery)
Material	Plastic (Enclosure)

WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the official Keychron website or contact Keychron customer service directly. Details regarding warranty periods and support channels are typically provided with your purchase documentation or on the manufacturer's website.

