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› [Keychron K10 Max Wireless Custom Mechanical Keyboard User Manual](#)

Keychron K10 Max

Keychron K10 Max Wireless Custom Mechanical Keyboard User Manual

Model: K10 Max

1. INTRODUCTION

This manual provides detailed instructions for the Keychron K10 Max Wireless Custom Mechanical Keyboard. The K10 Max is a full-sized (108-key) mechanical keyboard designed for versatility, offering 2.4 GHz, Bluetooth, and wired connectivity options. It features QMK open-source firmware for extensive customization and is compatible with Mac, Windows, and Linux operating systems.



Image 1.1: Keychron K10 Max Wireless Mechanical Keyboard with a close-up of a Keychron Super Brown switch.

2. PACKAGE CONTENTS

Verify that all items are present in your Keychron K10 Max package:

- Keychron K10 Max Wireless Custom Mechanical Keyboard
- Type-A to Type-C Cable (x1)
- Type-A 2.4GHz Receiver (x1)
- Extension Adapter for Receiver (x1)
- Keycap-Switch Puller (x1)
- Hex Key & Screwdriver (x1)
- Additional Keycaps for Windows OS



Image 2.1: Included accessories with the Keychron K10 Max keyboard.

3. SETUP

3.1. Initial Charging

Before first use, connect the keyboard to a USB power source using the provided Type-A to Type-C cable to ensure it is fully charged.

3.2. Operating System Switch

Locate the OS switch on the side of the keyboard. Toggle it to either 'Mac' or 'Windows' depending on your operating system. This ensures correct key mapping for multimedia and function keys.

SUITABLE FOR ALL DEVICES



Image 3.1: Operating system switch on the Keychron K10 Max.

3.3. Connectivity Modes

The K10 Max supports three connectivity modes: 2.4 GHz wireless, Bluetooth 5.1, and wired USB-C.

- **2.4 GHz Wireless:** For high-performance gaming and low-latency connection. Insert the Type-A 2.4GHz receiver into an available USB port on your device. The keyboard will automatically connect.
- **Bluetooth 5.1:** Allows connection to up to three devices simultaneously. To pair, switch the keyboard to Bluetooth mode, then press and hold **Fn + 1** (or 2, 3) until the key flashes, indicating pairing mode. Select 'Keychron K10 Max' on your device's Bluetooth settings.
- **Wired USB-C:** Connect the keyboard directly to your device using the provided USB-C cable. This mode also charges the keyboard.

EASILY REMAP ANY KEY WITH KEYCHRON LAUNCHER

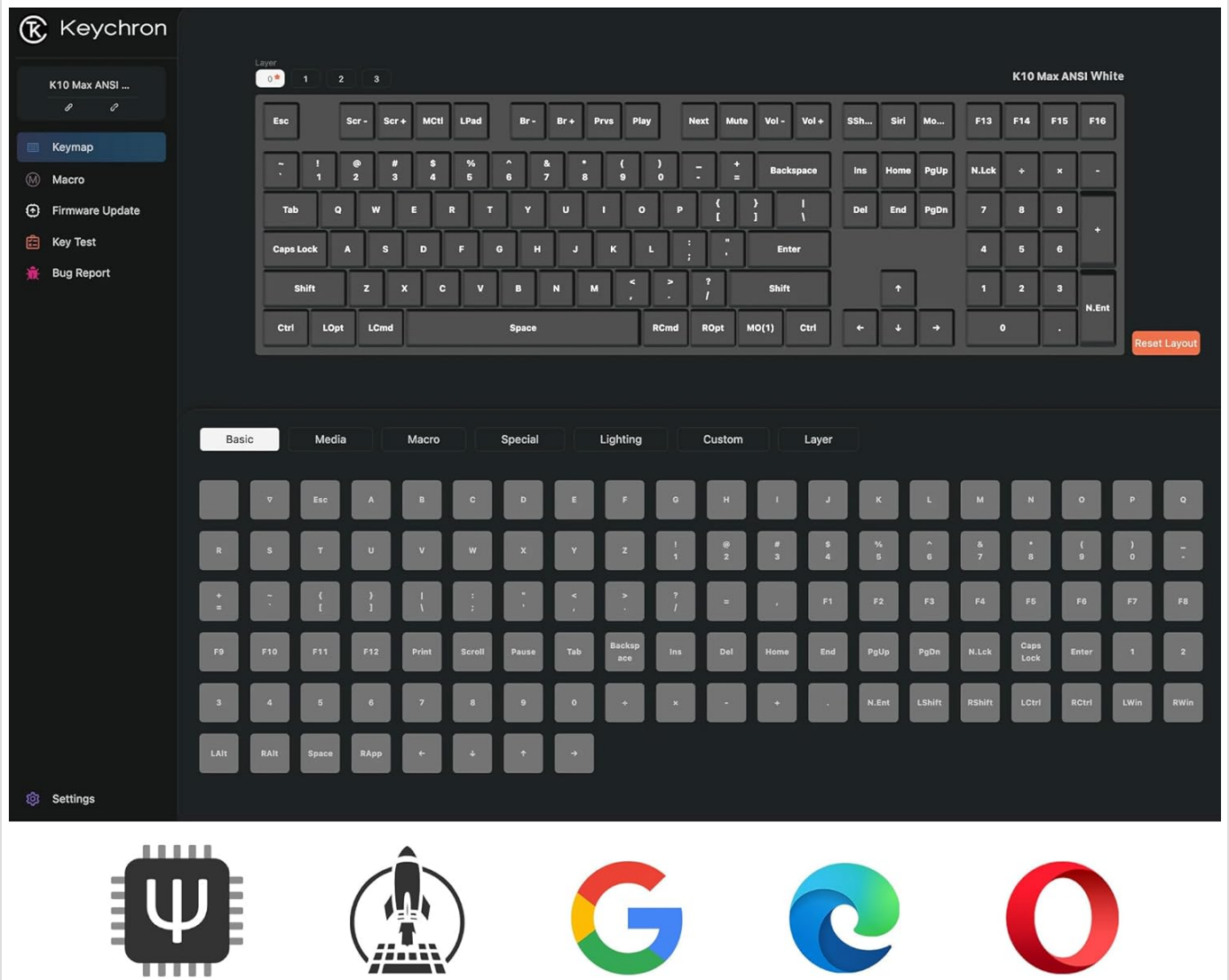


Image 3.2: Connectivity options for the Keychron K10 Max.

4. OPERATING INSTRUCTIONS

4.1. Key Remapping and Customization (QMK Firmware)

The Keychron K10 Max runs on QMK open-source firmware, allowing for extensive key remapping and macro creation. Use the Keychron Launcher web application to customize key functions, lighting effects, and create custom layers.

- Access the Keychron Launcher via a web browser.
- Connect your keyboard in wired mode to ensure proper communication with the Launcher.
- Follow the on-screen instructions within the Launcher to remap keys, set macros, and update firmware.

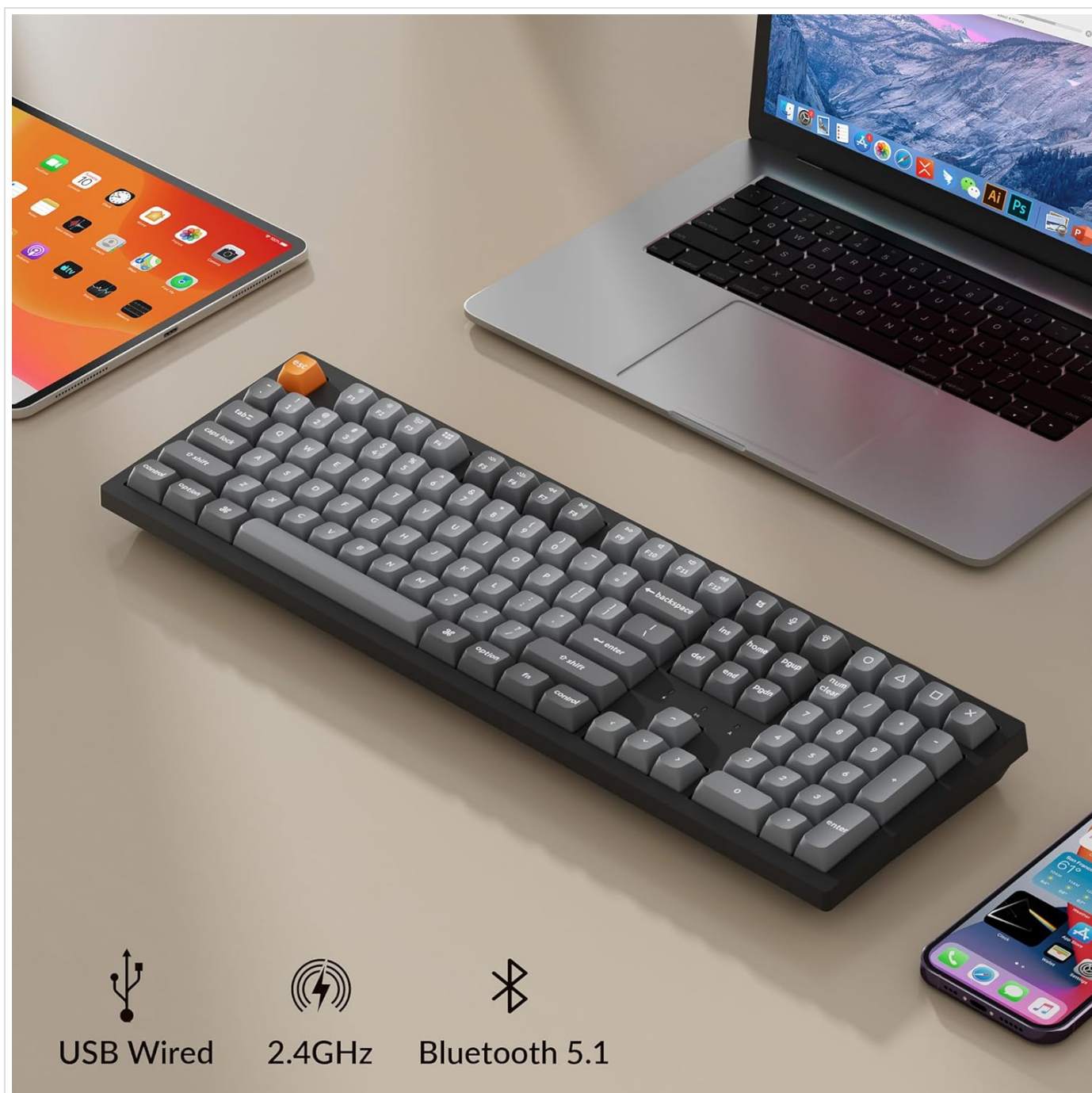


Image 4.1: Keychron Launcher interface for key remapping.

4.2. Backlight Control

The keyboard features a white backlight with south-facing LEDs for enhanced visibility and compatibility with most keycaps. Use the dedicated backlight keys (usually Fn + light bulb icon or similar) to cycle through various lighting effects and adjust brightness.

ENHANCED ACOUSTIC FOAMS

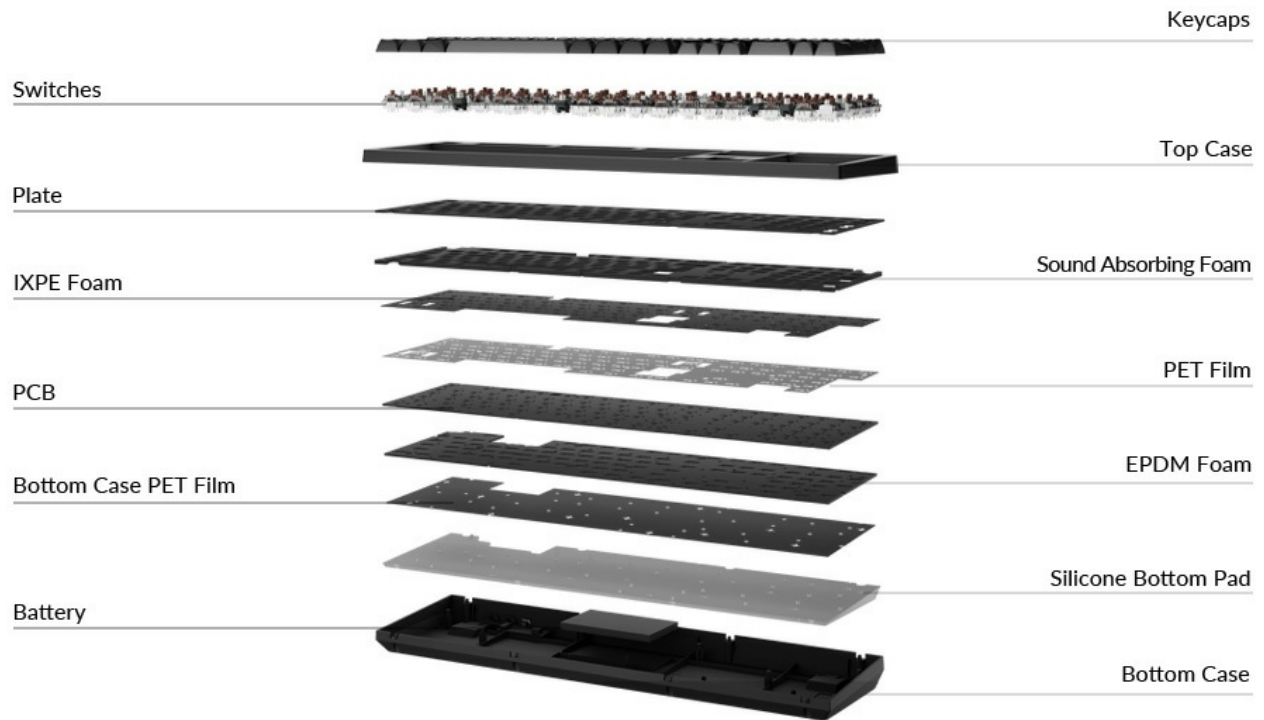


Image 4.2: South-facing white backlight illumination.

5. MAINTENANCE

5.1. Cleaning

To clean the keyboard, disconnect it from all power sources. Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution. Avoid spraying liquids directly onto the keyboard. For cleaning between keycaps, use compressed air or a small brush.

5.2. Hot-Swappable Switches

The K10 Max features hot-swappable sockets, allowing you to change mechanical switches without soldering. Use the included keycap-switch puller tool for this process.

1. Gently remove the keycap using the keycap puller.
2. Insert the switch puller around the switch, ensuring it grips the top and bottom clips.
3. Pull the switch straight up to remove it.
4. 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.
5. Replace the keycap.

OSA Profile Double-Shot PBT Keycaps



Image 5.1: Hot-swappable Keychron Super switches.

6. TROUBLESHOOTING

- **Keyboard not responding:** Ensure the keyboard is charged. Check the connectivity mode switch (2.4 GHz, Bluetooth, or wired) and ensure it matches your connection method. For wired mode, try a different USB-C cable or port.
- **Bluetooth connection issues:** Ensure the keyboard is in Bluetooth pairing mode (Fn + 1/2/3 flashing). Remove the keyboard from your device's Bluetooth list and attempt to re-pair. Ensure no other devices are interfering.
- **2.4 GHz wireless issues:** Ensure the 2.4 GHz receiver is securely plugged into a working USB port. Try moving the receiver closer to the keyboard or using the included extension adapter.
- **Keys not working or incorrect output:** Verify the OS switch is set correctly (Mac/Windows). If you have remapped keys using Keychron Launcher, ensure the correct layer is active or reset to default settings within the software. Check for bent switch pins if you recently swapped switches.
- **Backlight not working:** Ensure the keyboard is charged. Cycle through backlight modes and brightness levels using the designated function keys.

If issues persist, refer to the official Keychron support resources or contact customer service.

7. SPECIFICATIONS

Model	Keychron K10 Max
Dimensions	17.61 x 5.5 inches (447.37 mm x 139.82 mm)
Item Weight	4.64 pounds (1530 g ± 10 g)
Frame Material	ABS Plastic
Keycaps	OSA Double-shot PBT Keycaps
Switches	Keychron Super Mechanical Switch (Hot-swappable with 3-pin & 5-pin MX Mechanical Switches)
Stabilizer	Screw-in PCB Stabilizer
Backlight	South-facing White Backlight
MCU	ARM Cortex-M4 32-bit STM32F402 (256KB Flash)
Polling Rate	1000 Hz (2.4 GHz and Wired) / 90 Hz (Bluetooth Mode)
N-Key Rollover (NKRO)	Yes
Connectivity	2.4 GHz / Bluetooth 5.1 / Type-C Wired
Compatible Devices	Laptop, PC, Smartphone, Tablet
Operating System Compatibility	macOS / Windows / Linux
Batteries	1 Lithium Ion battery (included)



Image 7.1: Detailed product specifications.

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or visit the official Keychron website. For technical support, frequently asked questions, or additional assistance, please visit the [Keychron Store on Amazon](#) or the official Keychron support page.

