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› Keychron K10 Max Wireless Mechanical Keyboard User Manual

## Keychron K10 Max

# Keychron K10 Max Wireless Mechanical Keyboard User Manual

Model: K10 Max

## INTRODUCTION

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This manual provides detailed instructions for the Keychron K10 Max Wireless Custom Mechanical Keyboard. It covers initial setup, operational procedures, maintenance, and troubleshooting to ensure optimal performance and user experience.

# EASILY REMAP ANY KEY WITH KEYCHRON LAUNCHER

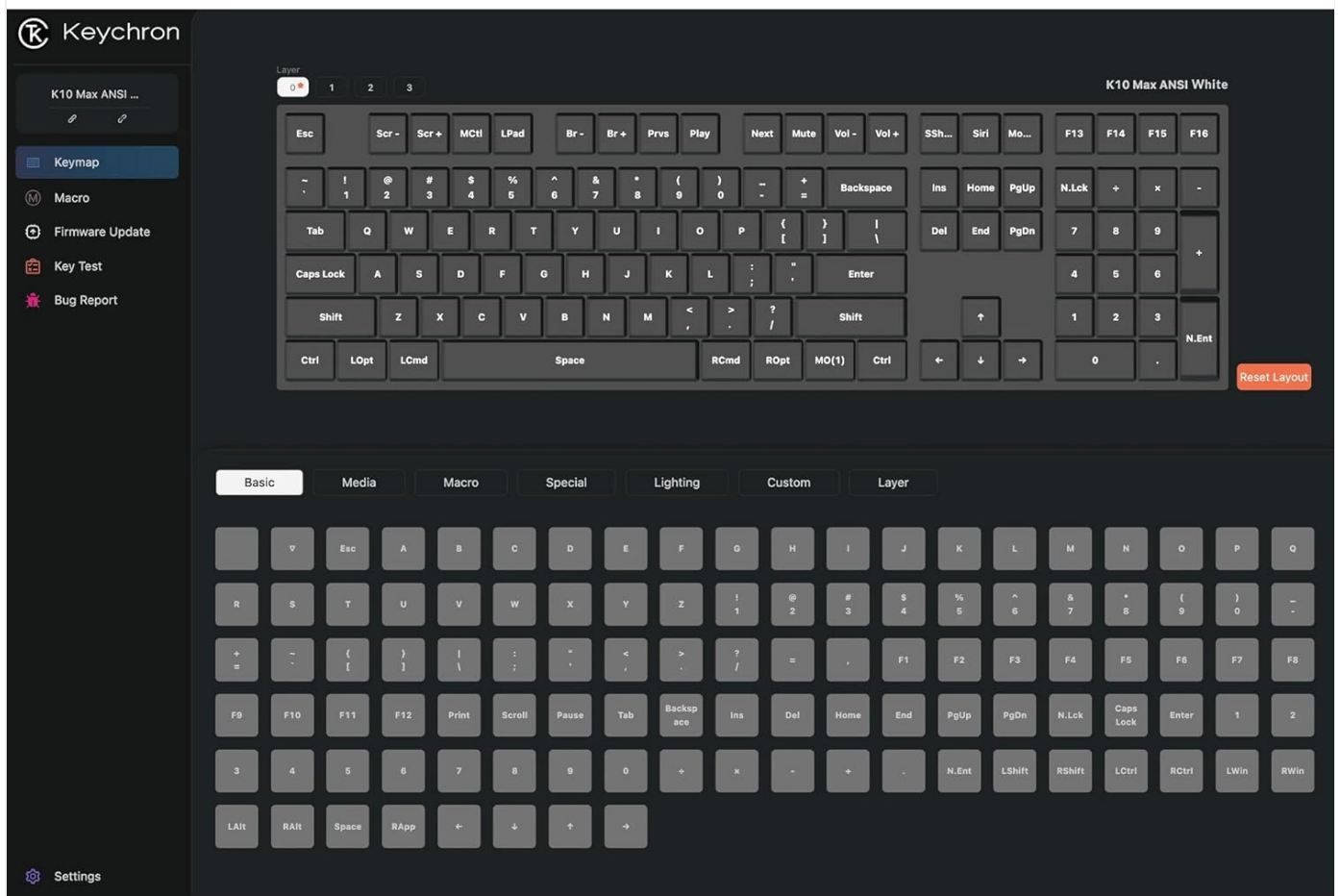


Image: The Keychron K10 Max keyboard positioned on a desk, demonstrating its full-size layout in a typical workspace setup with a laptop and tablet.

## SETUP

### Package Contents

Verify that all items are present in the package:

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

# ENHANCED ACOUSTIC FOAMS

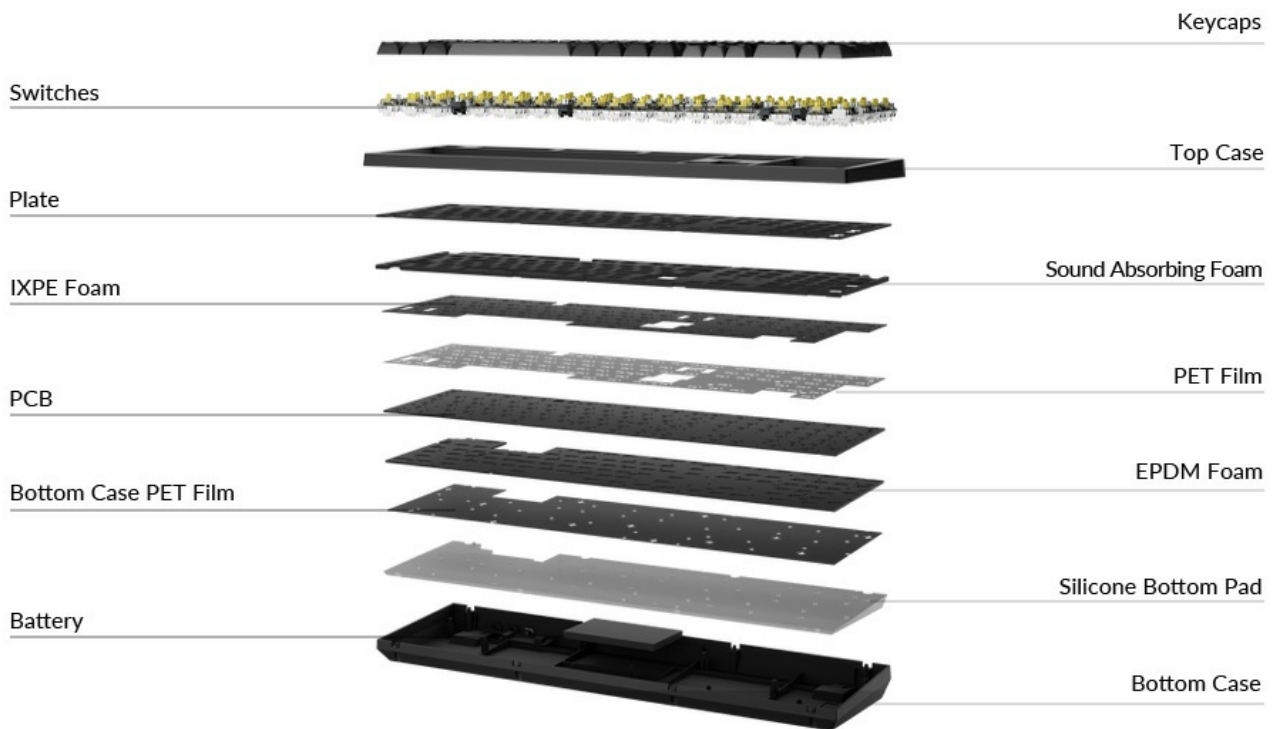


Image: An illustration detailing the contents of the Keychron K10 Max package, including the keyboard, cables, receiver, tools, and extra keycaps.

## Initial Connection

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

- 1. Wired Connection:** Connect the keyboard to your device using the provided Type-A to Type-C cable. The keyboard will automatically switch to wired mode.
- 2. 2.4 GHz Wireless Connection:**
  - Plug the Type-A 2.4GHz receiver into an available USB port on your computer.
  - Ensure the keyboard's mode switch (located on the back/side) is set to 2.4 GHz.
  - The keyboard should connect automatically. This mode offers a fast 1000 Hz polling rate for gaming.
- 3. Bluetooth Connection:**
  - Set the keyboard's mode switch to Bluetooth.
  - On your device (computer, phone, tablet), search for Bluetooth devices and select "Keychron K10 Max".
  - The keyboard can connect to up to three devices via Bluetooth 5.1. Use Fn + 1, Fn + 2, or Fn + 3 to switch between paired devices.



Image: The Keychron K10 Max keyboard highlighting its versatile connectivity options: USB Wired, 2.4GHz wireless, and Bluetooth 5.1.

## Operating System Compatibility

The K10 Max is fully optimized for both macOS and Windows. A toggle switch is located on the back/side of the keyboard to select the appropriate operating system mode. Extra keycaps for Windows are included for a seamless experience.

# SUITABLE FOR ALL DEVICES



Image: A detailed view of the keyboard's side switch, indicating settings for Windows and macOS compatibility, along with the USB-C port.

## OPERATING INSTRUCTIONS

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### QMK Firmware and Keychron Launcher

The K10 Max utilizes QMK open-source firmware, allowing for extensive customization. The Keychron Launcher is a web-based application that enables key remapping, macro creation, and firmware updates. Access the Keychron Launcher via your web browser to personalize your keyboard settings.

# K10 Max

## QMK Custom Wireless Mechanical Keyboard



Image: A visual representation of the Keychron Launcher application, demonstrating its key remapping functionality for customizing keyboard layouts.

### Hot-Swappable Switches

The keyboard features hot-swappable Keychron Super Banana switches, allowing you to change switches without soldering. This enables customization of typing feel and sound. The switches are designed with a transparent top housing for enhanced backlight effects.

# HOT-SWAPPABLE KEYCHRON SUPER SWITCH



Image: A close-up shot illustrating the hot-swappable feature, with a keycap and switch removed to show the underlying mechanism.

## **PBT Keycaps and Backlighting**

The K10 Max comes with double-shot PBT keycaps, offering a comfortable feel and excellent oil resistance for durability. The keyboard features south-facing white LED backlighting, which enhances visibility and ensures compatibility with most aftermarket keycaps.

# OSA Profile Double-Shot PBT Keycaps



Image: A detailed view of the OSA Profile Double-Shot PBT Keycaps, highlighting their texture and design on the keyboard.



Image: The Keychron K10 Max keyboard with its south-facing white backlight activated, showcasing the illumination of the keys.

## MAINTENANCE

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### Cleaning the Keyboard

To clean your keyboard, first disconnect it from all power sources. Use a soft, lint-free cloth lightly dampened with water or a mild cleaning solution. For cleaning between keycaps, a can of compressed air can be used to remove dust and debris. Avoid spraying liquids directly onto the keyboard.

### Replacing Switches and Keycaps

The K10 Max features hot-swappable switches. Use the provided keycap-switch puller to carefully remove keycaps and switches. When inserting new switches, ensure the pins are straight and align correctly with the sockets to prevent damage. Apply gentle, even pressure until the switch is fully seated.

# SPECIFICATION

17.61 x 5.5 in (447.37 mm x 139.82 mm)

Hot-swappable with 3 pin & 5 pin  
MX Mechanical Switches

1530 g ± 10 g (3.37 lb ± 0.02 lb)

MCU: ARM Cortex-M4 32-bit  
STM32F402 (256KB Flash)

Frame Material: ABS

Polling Rate: 1000 Hz (2.4 GHz and  
Wired) / 90 Hz (Bluetooth Mode)

OSA Double-shot PBT Keycaps

Keychron Super  
Mechanical Switch

N-Key Rollover (NKRO): Yes

Screw-in PCB Stabilizer

Connection: 2.4 GHz / Bluetooth  
/ Type-C Wired

South-facing White Backlight

Compatible with  
macOS / Windows / Linux

Image: An exploded diagram illustrating the internal layers and components of the Keychron K10 Max keyboard, from keycaps to the bottom case.

## TROUBLESHOOTING

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### Connectivity Issues

- **2.4 GHz / Bluetooth Disconnection:**

- Ensure the keyboard is charged.
- Verify the mode switch on the keyboard is set to the correct connection type (2.4 GHz or Bluetooth).
- For 2.4 GHz, ensure the receiver is securely plugged into a USB port.
- For Bluetooth, ensure Bluetooth is enabled on your device and the keyboard is paired. Try re-pairing if necessary.
- Move the keyboard closer to the receiver or Bluetooth device to rule out interference.

- **Wired Connection Not Detected:**

- Ensure the USB-C cable is fully inserted into both the keyboard and your device.
- Try a different USB port or cable.

### Key Not Registering

- If a specific key is not registering, it may indicate an issue with the switch.
  - Carefully remove the keycap and then the switch using the provided puller.
  - Inspect the switch pins for bends or damage. Straighten gently if bent.
  - Reinsert the switch, ensuring it is properly seated.
  - If the issue persists, try swapping the problematic switch with a known working switch from another key to determine if the switch itself is faulty.

## Firmware Updates

Regularly check for firmware updates via the Keychron Launcher web application. Updates can resolve bugs and introduce new features. Follow the instructions provided within the Keychron Launcher for a safe update process.

## SPECIFICATIONS

Feature	Detail
Model Name	Keychron K10 Max
Layout	100% Full-Size (108 Keys)
Connectivity	2.4 GHz Wireless, Bluetooth 5.1, USB-C Wired
Polling Rate	1000 Hz (2.4 GHz and Wired) / 90 Hz (Bluetooth Mode)
Switches	Keychron Super Banana (Tactile), Hot-swappable (3-pin & 5-pin MX mechanical switches)
Keycaps	OSA Double-shot PBT Keycaps
Backlight	South-facing White LED (Single Color)
N-Key Rollover (NKRO)	Yes
Compatible OS	macOS, Windows, Linux
Frame Material	ABS
Dimensions	17.61 x 5.5 inches (447.37 mm x 139.82 mm)
Weight	1530 g $\pm$ 10 g (3.37 lb $\pm$ 0.02 lb)
MCU	ARM Cortex-M4 32-bit STM32F402 (256KB Flash)

## WARRANTY INFORMATION

Keychron products are covered by a manufacturer's warranty against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the official Keychron website or contact customer support. Keep your proof of purchase for warranty claims.

## CUSTOMER SUPPORT

For further assistance, technical support, or to access the latest drivers and firmware, please visit the official Keychron support page:

[Keychron Official Support](#)

You may also find helpful resources and community forums on the Keychron website.



