Keychron K13M-A3

Keychron K13 Max Low-Profile Wireless Mechanical Keyboard User Manual

Model: K13M-A3

Brand: Keychron

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Keychron K13 Max Low-Profile Wireless Mechanical Keyboard. Please read this manual thoroughly before using the product to ensure proper functionality and longevity.

The Keychron K13 Max is a versatile low-profile mechanical keyboard featuring an 80% layout with a dedicated numpad. It supports multiple connectivity options including 2.4 GHz wireless, Bluetooth 5.1, and wired USB-C. It is designed for compatibility with macOS, Windows, and Linux operating systems.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1x Fully Assembled Keychron K13 Max Keyboard
- 1x Type-C Cable
- 1x Type-A to Type-C Adapter
- 1x Type-A 2.4GHz Receiver
- 1x Keycap Puller
- Additional set of customized keycaps (for Windows/macOS system toggle)

Image: Contents of the Keychron K13 Max package, showing the keyboard, USB-C cable, 2.4 GHz receiver, and keycap puller.

3. SETUP AND CONNECTIVITY

3.1 Charging the Keyboard

Before first use, fully charge the keyboard using the provided USB-C cable. Connect the USB-C end to the keyboard and the USB-A end to a power source (e.g., computer USB port or USB wall adapter). The charging indicator light will show the charging status.
The keyboard is equipped with a Lithium Polymer battery. A full charge can provide up to 80 hours of usage depending on backlight settings and connection mode.
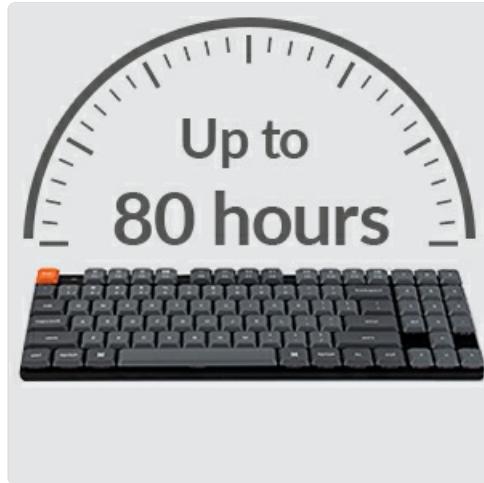
Image: Battery life indicator showing up to 80 hours of usage.

3.2 System Compatibility Switch

Locate the system toggle switch on the side of the keyboard. Switch it to the appropriate operating system (macOS or Windows/Android) for optimal key mapping.

3.3 Connection Modes

The Keychron K13 Max supports three connection modes: 2.4 GHz wireless, Bluetooth 5.1, and wired USB-C.

Image: Diagram illustrating the tri-mode connection options: Bluetooth 5.1, 2.4 GHz wireless via USB dongle, and wired USB-C.

3.3.1 2.4 GHz Wireless Connection

1. Ensure the keyboard's mode switch is set to "G" (2.4 GHz).
2. Plug the provided 2.4 GHz USB receiver into an available USB port on your computer.
3. The keyboard should automatically connect. The polling rate for this connection is 1000 Hz.

3.3.2 Bluetooth 5.1 Connection

1. Ensure the keyboard's mode switch is set to "BT" (Bluetooth).
2. On your device (computer, tablet, smartphone), enable Bluetooth and search for new devices.
3. Select "Keychron K13 Max" from the list of available devices.

4. If prompted, enter the pairing code displayed on your screen.

5. The keyboard can connect to up to 3 devices via Bluetooth. Use Fn + 1/2/3 to switch between paired devices.

3.3.3 Wired USB-C Connection

1. Ensure the keyboard's mode switch is set to "Cable".

2. Connect the USB-C cable from the keyboard to your computer's USB port.

3. The keyboard will function as a wired device and will also charge simultaneously.

4. OPERATING INSTRUCTIONS

4.1 Key Functions and Layout

The Keychron K13 Max features a unique 80% layout with a numpad. Familiarize yourself with the key layout and special function keys.

Image: Overview of the Keychron K13 Max keyboard layout, highlighting the low-profile design and the Gateron Brown switch.

4.2 Backlight Control

The keyboard features a white backlight. Use the dedicated backlight control keys to adjust brightness and effects.

- **Fn + F5**: Decrease backlight brightness.
- **Fn + F6**: Increase backlight brightness.
- **Fn + F1**: Cycle through backlight effects.

Ultra-Slim Aluminum Body

Image: Close-up view of the keyboard demonstrating the white backlight feature.

4.3 QMK/VIA Customization

The Keychron K13 Max supports QMK/VIA for advanced key remapping and macro programming. This allows for extensive customization of the keyboard's layout and functions across different layers.

1. Download the Keychron Launcher software from the official Keychron website.
2. Connect the keyboard to your device via USB-C cable.
3. Open Keychron Launcher and select your K13 Max keyboard.
4. Use the graphical interface to drag and drop keys or macro commands to remap any key.
5. Changes are saved directly to the keyboard's firmware.

Image: Screenshot of the QMK/VIA software interface, demonstrating the ability to remap keys and create macro commands.

5. Maintenance and Care

Proper maintenance ensures the longevity and performance of your Keychron K13 Max keyboard.

- **Cleaning Keycaps:** Use a soft, damp cloth to wipe the keycaps. For deeper cleaning, use the provided keycap puller to remove keycaps and clean them with mild soap and water. Ensure they are completely dry before reattaching.
- **Cleaning the Keyboard Body:** Use a dry, lint-free cloth to wipe the aluminum body. Avoid abrasive cleaners or solvents.
- **Switch Maintenance:** The low-profile Gateron switches are designed for durability. Avoid spilling liquids on the keyboard. If a switch feels inconsistent, it may be due to dust or debris. Use compressed air to clean around the switch stem.
- **Storage:** When not in use for extended periods, store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures.

Compatible with macOS Windows and Linux

G/Cable/BT **Win/Android Mac/iOS**

Windows   macOS

Additional Keycaps

esc   alt   ⊞   🔒   alt   ⊞   enter

Image: The included keycap puller is essential for cleaning and maintaining your keycaps.

6. TROUBLESHOOTING

If you encounter issues with your Keychron K13 Max, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Keyboard not responding (wired)	Loose cable connection, incorrect mode switch setting.	Ensure USB-C cable is securely connected. Verify the mode switch is set to "Cable". Try a different USB port or cable.
Keyboard not responding (2.4 GHz)	Receiver not plugged in, incorrect mode, interference.	Ensure 2.4 GHz receiver is plugged in. Verify the mode switch is set to "G". Move closer to the receiver or try a different USB port.
Keyboard not responding (Bluetooth)	Not paired, out of range, incorrect mode, device limit reached.	Ensure Bluetooth is enabled on your device. Verify the mode switch is set to "BT". Re-pair the keyboard. Ensure you are within Bluetooth range. Check if you have exceeded the 3-device limit.

Problem	Possible Cause	Solution
Keys double-typing or not registering	Dust/debris in switch, faulty switch, software issue.	Clean around the affected switch with compressed air. Update keyboard firmware via Keychron Launcher. If issue persists, contact Keychron support.
Backlight not working	Backlight turned off, brightness set to minimum, low battery.	Press Fn + F6 to increase brightness. Ensure keyboard is charged.
QMK/VIA software not recognizing keyboard	Keyboard not in wired mode, software not updated.	Ensure keyboard is connected via USB-C cable and the mode switch is set to "Cable". Update Keychron Launcher to the latest version.

7. SPECIFICATIONS

Model Number	K13M-A3
Connectivity	Bluetooth 5.1, 2.4 GHz Wireless, USB-C Wired
Polling Rate (2.4 GHz/Wired)	1000 Hz
Key Switches	Low-Profile Gateron Brown Switch (as per product variant)
Keycaps	Low-Profile Double-shot PBT Keycaps
Backlight	White Backlight
Number of Keys	90
Battery	1 Lithium Polymer battery (included)
Battery Life	Up to 80 hours (usage dependent)
Material	ABS + Aluminum frame
Dimensions	14.53 x 6.26 x 1.54 inches (Package Dimensions)
Item Weight	2.01 pounds
Operating System Compatibility	macOS, Windows, Linux

8. WARRANTY AND SUPPORT

Keychron products typically come with a limited warranty. For specific warranty terms and conditions, please refer to the official Keychron website or the warranty card included with your product.

For technical support, firmware updates, or further assistance, please visit the official Keychron support page:
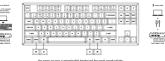
Keychron Official Support

You can also refer to the official user guide PDF provided by Keychron for more detailed information:

Download User Guide (PDF)

Related Documents - K13M-A3

Keychron K1 Pro Bluetooth Mechanical Keyboard	[Keychron K1 Pro Bluetooth Mechanical Keyboard User Manual and Guide](#) Comprehensive guide for the Keychron K1 Pro Bluetooth Mechanical Keyboard, covering setup, features, VIA software, layers, backlight control, troubleshooting, and specifications. Learn how to connect, customize, and maintain your keyboard.
	[Keychron K3 Ultra-Slim Mechanical Keyboard: Quick Start Guide](#) Get started with your Keychron K3 Ultra-Slim Wireless Mechanical Keyboard. This guide covers Bluetooth and wired connections, lighting effects, keycap replacement, auto-sleep settings, key remapping, and factory reset for Mac and Windows.
K17 Pro Bluetooth Mechanical Keyboard	[Keychron K17 Pro Bluetooth Mechanical Keyboard: User Guide and Features](#) Comprehensive guide to the Keychron K17 Pro Bluetooth Mechanical Keyboard, covering setup, features, layers, backlighting, VIA software, troubleshooting, and specifications.
Keychron K8 Pro	[Keychron K8 Pro TKL Mechanical Keyboard User Guide](#) A comprehensive guide to the Keychron K8 Pro, a TKL mechanical keyboard. Learn how to connect, customize with VIA software, adjust backlighting, and troubleshoot.
K5SE Bluetooth Mechanical Keyboard	[Keychron K5SE Bluetooth Mechanical Keyboard User Manual](#) A comprehensive guide to the Keychron K5SE Bluetooth Mechanical Keyboard, covering setup, features, troubleshooting, and specifications. Learn how to connect, customize lighting, and optimize your typing experience.
K1 Bluetooth Mechanical Keyboard	[Keychron K1 Wireless Mechanical Keyboard User Manual](#) Comprehensive user manual for the Keychron K1 ultra-slim wireless mechanical keyboard. Learn about Bluetooth and wired connectivity, Gateron low-profile switches, RGB backlighting, and compatibility with Mac and Windows.