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KEYCOOL K19+1Knob

K19 Wireless Numeric Keyboard User Manual

Model: K19+1Knob | Brand: KEYCOOL

1. PRODUCT OVERVIEW

The KEYCOOL K19 Wireless Numeric Keyboard is a versatile and compact mechanical numpad designed for enhanced productivity. It features triple-mode connectivity, hot-swappable switches, and a multi-function knob for customizable control.



Figure 1: Overview of the K19 Wireless Numeric Keyboard, showcasing its compact design, RGB backlighting, and the included USB-C cable and a spare switch.



Figure 2: Key features of the K19 Mechanical Numeric Keypad, highlighting its triple connectivity modes, RGB backlighting, gasket mount design, hot-swappable switches, 19 keys, and a multi-function knob.

2. PACKAGE CONTENTS

- K19 Wireless Numeric Keyboard
- USB-C Cable
- Spare Switch
- Shaft Puller (Keycap/Switch Puller)



Figure 3: Contents of the K19 package, including the USB cable, spare switches, and a shaft puller for maintenance.

3. SETUP AND CONNECTIVITY

3.1 Charging the Battery

The K19 numeric keypad features a high-capacity 1500mAh battery. Before first use, or when the battery indicator shows low power, connect the included USB-C cable to the keypad's Type-C port and to a power source (e.g., computer USB port, USB wall adapter). The battery indicator lights will show charging status.

3.2 Connectivity Modes

The K19 supports three connectivity modes: Wired (USB-C), 2.4GHz Wireless, and Bluetooth 5.0.

K19 DIGITAL MECHANICAL KEYBOARD



Figure 4: The K19 keypad connected to a laptop, illustrating the locations of the 2.4G receiver slot, the keyboard ON/OFF switch, and the Type-C port.

3.2.1 Wired Connection

Connect the USB-C cable from the keypad to your computer's USB port. The keypad will be automatically recognized and ready for use. This mode also charges the battery.

3.2.2 2.4GHz Wireless Connection

1. Locate the 2.4G wireless receiver (dongle) stored in the keypad's dedicated slot.
2. Plug the 2.4G receiver into an available USB port on your computer.
3. Ensure the keypad's ON/OFF switch is in the 'ON' position. The keypad should connect automatically.

3.2.3 Bluetooth Connection

1. Ensure the keypad's ON/OFF switch is in the 'ON' position.
2. On your device (Laptop, PC, Smartphone, Tablet), enable Bluetooth.
3. Search for new Bluetooth devices. The keypad should appear as "K19" or similar.
4. Select the keypad to pair. Follow any on-screen prompts to complete the pairing process.

FOR MULTIPLE DEVICE CONNECTIONS



2.4G slot



Keyboard ON/OFF Switch



Type-C Port

Figure 5: The K19 keypad's compatibility with various devices, including laptops, desktop computers, and tablets, demonstrating its multi-device connection capabilities.

4. OPERATING INSTRUCTIONS

4.1 Multi-function Knob

The rotary knob on the K19 allows for adjustment of RGB lighting effects and various media functions. You can easily adjust volume, brightness, or customize the knob's function via software.

Knob Control Modes:

- Rotate to adjust volume or brightness.
- Press to mute/unmute or play/pause media.
- Use **Fn + (Circle icon)** to switch between knob control modes (e.g., volume, brightness, RGB).

4.2 RGB Backlighting

The K19 features customizable RGB backlighting. You can cycle through various lighting effects and colors using the knob or dedicated key combinations.

Backlight Control:

- Use the multi-function knob to adjust RGB lighting effects.
- Press **Fn + Enter** to toggle the backlight ON/OFF.

Your browser does not support the video tag.

Video 1: Demonstration of the RGB backlighting effects on the K19 Numeric Keyboard, showcasing various color patterns and transitions.

4.3 Personalized Programmable Keys

The K19 allows for customization of key functions and lighting through dedicated software. This software is compatible with Windows systems.



Figure 6: Screenshot of the K19's personalized programming software interface, demonstrating options for key remapping, macro creation, and lighting customization.

To download the software, visit the official website: www.kc-keycool.com.

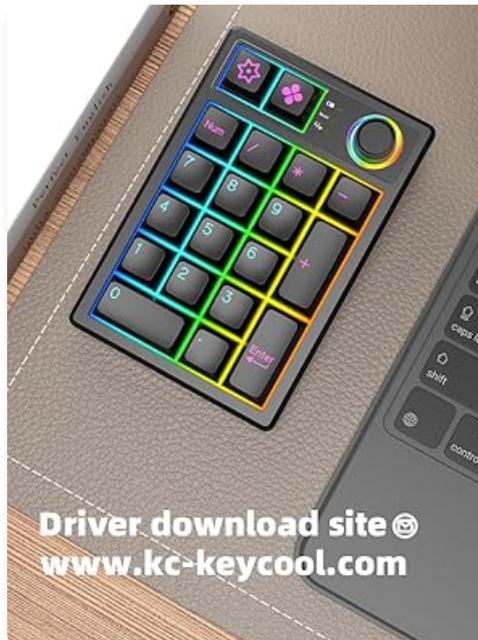


Figure 7: Visual reminder of the driver download site for the K19 keypad's customization software.

Key Combinations:

- **Fn + Back (3s)**: Reset the keypad to factory settings.
- **Fn + Enter**: Toggle Saving Mode (Backlight ON/OFF).
- **Fn + (Circle icon)**: Switch the Knob Control Mode.

HOT SWAPPABLE SUPPORT 3/5 PINS SWITCHES



Figure 8: The K19 keypad with keycaps removed, illustrating its hot-swappable switch design and highlighting important Fn key combinations for control.

5. MAINTENANCE

5.1 Cleaning

To clean the keypad, gently wipe the surface with a soft, dry cloth. For deeper cleaning, you may carefully remove keycaps using the provided shaft puller and clean the areas underneath with compressed air or a small brush. Avoid using harsh chemicals or abrasive materials.

5.2 Hot-Swappable Switches

The K19 features full-key hot-swappable sockets, allowing you to easily change 3-pin or 5-pin mechanical switches without soldering. Use the provided shaft puller to carefully remove existing switches and insert new ones, ensuring the pins align correctly with the sockets.



Figure 9: An exploded view of a mechanical switch, illustrating its internal components and how they contribute to quick triggering and tactile feedback.

5.3 Battery Care

To prolong battery life, avoid fully discharging the battery frequently. Store the keypad in a cool, dry place when not in use for extended periods. Recharge the battery regularly, even if not in constant use.

6. TROUBLESHOOTING

6.1 Connectivity Issues

- **No Connection (Wireless):** Ensure the keypad is charged and the ON/OFF switch is on. For 2.4GHz, verify the dongle is securely plugged in. For Bluetooth, ensure Bluetooth is enabled on your device and the keypad is in pairing mode or already paired. Try re-pairing if necessary.
- **Intermittent Connection:** Move the keypad closer to your device to reduce interference. Ensure no other strong wireless signals are causing disruption.
- **Wired Connection Not Working:** Try a different USB port or a different USB-C cable. Ensure the cable is fully inserted.

6.2 Backlight Issues

- **Backlight Not Turning On:** Ensure the keypad is powered on and charged. Press **Fn + Enter** to toggle the backlight.
- **Incorrect Lighting Effect:** Use the multi-function knob or software to adjust lighting effects.

6.3 Key Function Issues

- **Keys Not Responding:** Check if the keypad is properly connected. If a specific key is not working, it might be a faulty switch. Try hot-swapping the switch with a spare one.
- **Incorrect Key Output:** If you have customized keys using the software, ensure the correct profile is active. Try resetting the keypad to factory settings using **Fn + Back (3s)**.

6.4 Software Compatibility

The customization software is primarily designed for Windows operating systems. While the keypad is compatible with Mac/Linux/Android/iOS for basic functionality, advanced customization via software may be limited on non-Windows platforms.

7. SPECIFICATIONS

Model	K19+1Knob
Layout	20% Layout, 19-Key and 1 Knob
Connectivity Technology	Bluetooth 5.0, 2.4GHz Wireless, USB-C Wired
Battery Capacity	1500mAh
Polling Rate	1000Hz
Keyboard Description	Mechanical, Hot-Swappable (3-pin/5-pin)
Backlighting	RGB
Compatible Devices	Laptop, PC, Smartphone, Tablet (Windows/Mac/Linux/Android/iOS)
Product Dimensions	4.5 x 2 x 6.5 inches (11.43 x 5.08 x 16.51 cm)
Product Size (from image)	3.62 x 5.35 x 1.61 inches (9.19 x 13.59 x 4.09 cm)
Item Weight	11.3 ounces (0.32 kg)
Weight of Product (from image)	0.48 ± 0.02 lb (0.22 ± 0.01 kg)
Manufacturer	KEYCOOL

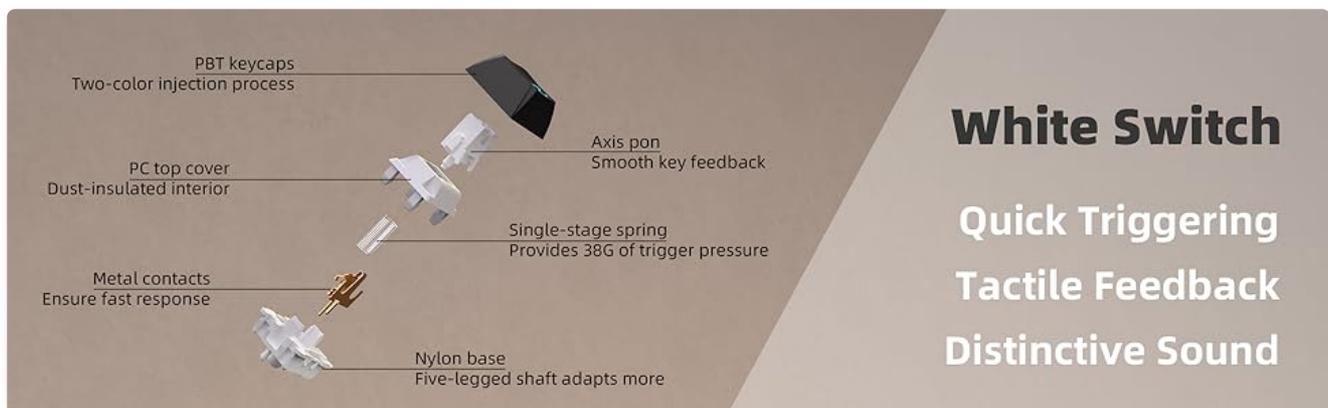


Figure 10: Detailed specifications of the K19 keypad, including its model, layout, battery capacity, polling rate, weight, dimensions, and supported operating systems.

8. WARRANTY AND SUPPORT

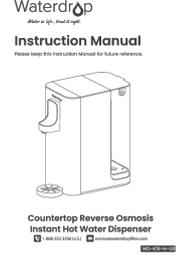
KEYCOOL products are manufactured with high quality standards. For any issues or inquiries regarding your K19 Wireless Numeric Keyboard, please contact KEYCOOL customer support. We are committed to resolving any problems you may encounter.

For further assistance, please visit the official KEYCOOL website: www.kc-keycool.com.

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Product Model: K19+1Knob

Related Documents - K19+1Knob

	<p>Keycool K19 Keyboard User Manual</p> <p>Comprehensive user manual for the Keycool K19 keyboard, covering setup, connectivity (Bluetooth, 2.4G, wired), shortcuts, backlight customization, and keycap/switch replacement.</p>
	<p>K19+ GPS Signal Detector User Manual</p> <p>This document provides detailed information and instructions for the K19+ GPS Signal Detector, including its features, specifications, operation, and FCC compliance.</p>
	<p>Waterdrop K19-H Countertop Reverse Osmosis Instant Hot Water Dispenser Instruction Manual</p> <p>Comprehensive instruction manual for the Waterdrop K19-H Countertop Reverse Osmosis Instant Hot Water Dispenser. Includes installation, operation, maintenance, troubleshooting, and warranty information.</p>
	<p>K19 OWS Bluetooth Headphones User Manual</p> <p>User manual for the K19 OWS Bluetooth Headphones by Meinasheng Technology, covering MFB functions, technical specifications, charging, FCC compliance, and warranty information.</p>
	<p>FiiO K19 Desktop Decoding Headphone Amplifier Quick Start Guide</p> <p>A concise guide for setting up and using the FiiO K19 desktop decoding headphone amplifier, covering installation, device specifications, remote control operation, and warranty information.</p>