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KOORUI MK082

KOORUI MK082 Mechanical Gaming Keyboard User Manual

Model: MK082

Introduction

Thank you for choosing the KOORUI MK082 Mechanical Gaming Keyboard. This compact 82-key keyboard offers versatile connectivity options, vibrant RGB backlighting, and a durable design for an enhanced typing and gaming experience. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to help you get the most out of your device.

What's in the Box

- KOORUI MK082 Mechanical Gaming Keyboard
- USB-C Cable
- 2-in-1 Keycap and Switch Puller Tool
- Six Extra Switches (two each of red, brown, and blue)
- User Manual (this document)

Specifications

Feature	Detail
Brand	KOORUI
Model Number	MK082
Connectivity Technology	Bluetooth, 2.4G Wireless, Wired (USB-C)
Keyboard Description	Mechanical
Number of Keys	82
Keyboard Layout	QWERTZ (German Layout)
Switch Type	Mechanical (Blue Switch variant)

Backlighting	RGB (26 modes, 16 million+ colors)
Battery Capacity	4000mAh
Compatible Devices	Laptop, PC
Compatible Operating Systems	Windows Vista/XP/7/8/10/11, macOS, Linux
Special Features	Anti-Ghosting, Hot-Swappable Switches, Rechargeable
Dimensions (Approx.)	330mm (W) x 140mm (D) x 40mm (H)
Weight (Approx.)	600g

Setup

1. Charging the Keyboard

Before first use, it is recommended to fully charge the keyboard. Connect the provided USB-C cable to the keyboard's USB-C port and the other end to a powered USB port on your computer or a USB wall adapter. The 4000mAh battery provides up to 80 hours of standby time and can last up to 2 weeks on a single charge with typical use.

2. Connectivity Options

The KOORUI MK082 keyboard supports three connection modes:

- **Wired USB-C:** Connect the keyboard directly to your computer using the provided USB-C cable. This mode offers the most stable connection and charges the keyboard simultaneously.
- **2.4G Wireless:** Plug the 2.4G USB receiver (usually located in a compartment on the keyboard) into an available USB port on your computer. The keyboard should automatically connect.
- **Bluetooth:** Turn on Bluetooth on your device. Put the keyboard into Bluetooth pairing mode (refer to the 'Operating' section for specific key combinations). Select 'KOORUI MK082' from your device's Bluetooth list to pair.



This image details the KOORUI MK082 keyboard's versatile connectivity options: 2.4G wireless, wired USB, and Bluetooth. It also shows the switch for toggling between Windows and Mac operating systems, highlighting its dual system fast control technology compatible with Windows Vista/XP/7/8/10/11, macOS, and Linux.

3. System Compatibility

The keyboard features dual system fast control technology, allowing seamless switching between Windows and macOS. It is compatible with Windows Vista/XP/7/8/10/11, macOS, and Linux operating systems.

- To switch between Windows and Mac systems, use the designated key combination (refer to keyboard markings or specific instructions if provided on the keyboard itself).

Operating Instructions

1. Basic Key Functions

The KOORUI MK082 features an 82-key QWERTZ layout. All keys are anti-ghosting, ensuring every keystroke is registered accurately, even during rapid input.

2. RGB Backlighting Control

The keyboard offers 26 backlighting modes with over 16 million color combinations. Use the following key combinations to control the RGB effects:

- **Fn + X:** Turn backlighting On/Off.
- **Fn + \|:** Switch between different lighting modes.
- **Fn + + / -:** Adjust the breathing speed of dynamic lighting effects (faster/slower).
- **Fn + Up Arrow / Down Arrow:** Adjust backlighting brightness (5 levels adjustable).



This image illustrates the RGB backlighting features of the KOORUI MK082 keyboard. It highlights key combinations for turning the light on/off (Fn + X), switching lighting modes (Fn + \|), adjusting breathing speed (Fn + + / -), and controlling brightness (Fn + Up/Down arrow, 5 levels adjustable).

3. Multimedia Control

The keyboard includes common multimedia control functions for convenience:

- **Rotary Knob:** Typically controls volume (rotate) and play/pause (press).

- Other function keys (F-keys) may have secondary multimedia functions when pressed with the Fn key. Refer to the keycap legends for specific functions like play/pause, volume up, volume down.



This image displays the KOORUI MK082 keyboard's multimedia controls, including play/pause, volume up, and volume down, often controlled via the rotary knob. It also emphasizes the long-lasting 4000mAh battery capacity.

4. Hot-Swappable Switches

The KOORUI MK082 features hot-swappable mechanical switches, allowing you to easily change switches without soldering. This enables customization of your typing feel. The keyboard comes with six extra switches (red, brown, blue) for experimentation.

- Use the included 2-in-1 keycap and switch puller tool to carefully remove keycaps and switches.
- Align the pins of the new switch with the sockets on the PCB and press firmly until it clicks into place.
- Replace the keycap.



This image focuses on the hot-swappable mechanical switches of the KOORUI MK082 keyboard, emphasizing their durability with a 50 million keystroke lifespan. It also shows the included 2-in-1 tool for easily removing keycaps and switches.

Maintenance

1. Cleaning

- Disconnect the keyboard from your computer before cleaning.
- Use a soft, dry cloth to wipe the surface of the keyboard.
- For deeper cleaning, use the keycap puller to remove keycaps and a can of compressed air to remove dust and debris from underneath.
- Keycaps can be gently cleaned with a damp cloth and mild soap, then thoroughly dried before reattaching.

2. Battery Care

- Avoid exposing the keyboard to extreme temperatures.
- Charge the keyboard regularly to maintain battery health, even if not in constant use.

Troubleshooting

- **Keyboard not responding:** Ensure the keyboard is charged. Check the connection mode (wired, 2.4G, Bluetooth) and ensure it's correctly paired or plugged in. Try restarting your computer.
- **Keys not registering:** Ensure the switches are properly seated. If a specific key is not working, try replacing its switch with one of the spares.
- **Backlighting issues:** Check the brightness settings (Fn + Up/Down Arrow). Ensure the backlighting is turned on (Fn + X).
- **Bluetooth connection unstable:** Ensure the keyboard is within range of your device. Remove and re-pair the keyboard in your device's Bluetooth settings.

Warranty and Support

KOORUI provides high-quality products and premium services, including a 12-month warranty for this keyboard. If you encounter any damage, malfunction, or missing accessories, please contact KOORUI customer support directly for assistance.

For support, please refer to the contact information provided with your purchase or visit the official KOORUI website.

Ergonomic Design

The KOORUI MK082 keyboard features an ergonomically designed, streamlined profile intended to provide users with a more comfortable typing experience during prolonged use, thereby reducing hand fatigue and discomfort.



This image illustrates the compact 80% layout (83 keys) and ergonomic design of the KOORUI MK082 keyboard, with dimensions of 330mm (13 inches) width, 140mm (5.51 inches) depth, and 40mm (1.57 inches) height. It highlights the design's intent to provide comfortable typing and reduce hand fatigue during extended use.

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