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> MCHOSE K87 RGB Mechanical Keyboard User Manual

MCHOSE K87

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Model: K87

1. INTRODUCTION

1.1 Product Overview

The MCHOSE K87 RGB Mechanical Keyboard is a versatile and high-performance input device designed for both gaming and general use. It features tri-mode connectivity, hot-swappable switches, and a comfortable gasket structure design, providing a customizable and responsive typing experience.

1.2 Key Features

- **Tri-mode Connectivity:** Supports wired (USB-C), 2.4GHz wireless, and Bluetooth connections for diverse setups.
- **Hot-Swappable Switches:** Allows for easy customization and replacement of mechanical switches without soldering.
- **Gasket Structure Design:** Enhances typing comfort and provides a soft, cushioned feel during prolonged use.
- **Dynamic RGB Backlighting:** Offers various lighting effects and modes to personalize your workspace.
- **Multimedia Function Keys:** Dedicated or combination keys for convenient control of media playback.
- **Ergonomic Support:** Designed for comfortable use over extended periods.
- **Wide Compatibility:** Compatible with Windows and Android platforms.

2. SETUP GUIDE

2.1 Package Contents

Please verify that all items are present in your package:

- MCHOSE K87 Mechanical Keyboard
- USB-C to USB-A Cable
- 2.4GHz Wireless Receiver
- Keycap Puller / Switch Puller
- User Manual

2.2 Connecting Your Keyboard

The MCHOSE K87 keyboard offers three connection modes: wired, 2.4GHz wireless, and Bluetooth. Select the mode that best suits your needs.



Image: The MCHOSE K87 RGB Mechanical Keyboard, showcasing its compact layout and vibrant RGB lighting. A separate purple wrist rest is also visible, designed to complement the keyboard's aesthetic and provide ergonomic support.

2.2.1 Wired Connection

1. Locate the USB-C port on the keyboard.
2. Connect one end of the provided USB-C cable to the keyboard and the other end to an available USB-A port on your computer.
3. The keyboard will be automatically recognized by your system.

2.2.2 2.4GHz Wireless Connection

1. Locate the 2.4GHz wireless receiver (dongle) in the package.
2. Insert the 2.4GHz receiver into an available USB-A port on your computer.

3. Switch the mode selector on the keyboard to the 2.4GHz wireless position (refer to keyboard diagram for exact location).
4. The keyboard should automatically connect to the receiver.

2.2.3 Bluetooth Connection

1. Switch the mode selector on the keyboard to the Bluetooth position.
2. On your computer or device, enable Bluetooth and search for new devices.
3. Select "MCHOSE K87" (or similar name) from the list of available devices to pair.
4. Follow any on-screen prompts to complete the pairing process.

3. OPERATING INSTRUCTIONS

3.1 Connection Mode Switching

Use the physical switch located on the keyboard (refer to the product diagram) to toggle between Wired, 2.4GHz Wireless, and Bluetooth modes.

3.2 RGB Backlight Control

The MCHOSE K87 features customizable RGB backlighting. Use the following key combinations to control the lighting effects:

- **Fn + [Key]:** Change RGB lighting mode. (Specific key combinations may vary, refer to quick start guide if provided).
- **Fn + [Key]:** Adjust brightness levels.
- **Fn + [Key]:** Adjust lighting speed/direction.

3.3 Multimedia and Function Keys

The keyboard includes multimedia function keys accessible via the Fn key. Press and hold the **Fn** key, then press the corresponding function key (e.g., F1-F12) to activate its secondary function, such as volume control, media playback, or application shortcuts.

3.4 Hot-Swappable Switches

The hot-swappable design allows you to easily change the mechanical switches without soldering. This enables customization of typing feel and sound.

1. **Removing a Switch:** Use the provided switch puller. Align the prongs of the puller with the two clips on the top and bottom of the switch. Squeeze the puller firmly and gently pull the switch straight up.
2. **Installing a Switch:** Ensure the new switch's pins are straight. Align the pins with the holes on the PCB. Gently push the switch straight down until it clicks into place. Do not force it to avoid bending pins.

4. MAINTENANCE

4.1 Cleaning

Regular cleaning helps maintain the keyboard's performance and appearance.

- **Keycaps:** Use the keycap puller to remove keycaps. Clean them with a mild soap solution and a soft cloth. Ensure they are completely dry before reattaching.
- **Keyboard Body:** Use a soft, lint-free cloth dampened with a small amount of isopropyl alcohol to wipe down the

surface. Avoid excessive moisture.

- **Between Keys:** Use compressed air to remove dust and debris from between the keys.

4.2 Storage

When not in use for extended periods, store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures. Consider using a dust cover to protect it.

5. TROUBLESHOOTING

5.1 Common Issues and Solutions

Issue	Possible Cause	Solution
Keyboard not responding (Wired)	Loose cable connection, faulty USB port.	Ensure cable is securely connected. Try a different USB port or cable.
Keyboard not connecting (Wireless)	Low battery, incorrect mode, receiver not plugged in, interference.	Charge the keyboard. Ensure correct mode is selected. Plug in 2.4GHz receiver or re-pair Bluetooth. Reduce interference.
RGB backlight not working	Backlight turned off, software issue.	Press Fn + backlight control key to turn on/adjust. Check for firmware updates.
Keys not registering	Dust/debris under keycap, faulty switch.	Remove keycap and clean. If hot-swappable, try replacing the switch.

6. SPECIFICATIONS

Feature	Detail
Brand	MCHOSE
Model	K87
Connection Mode	Tri-mode (Wired USB-C, 2.4GHz Wireless, Bluetooth)
Keyboard Type	Mechanical
Switch Type	Hot-swappable
Design	Gasket Structure
Backlight	RGB
Multimedia Keys	Yes
Ergonomic Support	Yes
Compatible Platforms	Windows, Android
Weight	Approx. 400 g

7. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the product packaging or contact the retailer/manufacturer directly. Keep your proof of purchase for warranty claims.

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