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› ZIYOULANG K6 Mechanical Keyboard User Manual

ZIYOULANG K6

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Model: K6

INTRODUCTION

The ZIYOULANG K6 is a versatile mechanical keyboard designed for various computing environments. It features a 100-key layout, PBT keycaps, and offers three connectivity modes: wired (Type-C), 2.4G wireless, and Bluetooth 5.0. The keyboard also includes customizable RGB backlighting with multiple effects and hot-swappable switches for personalized typing experiences.



Image: Top-down view of the ZIYOULANG K6 Mechanical Keyboard, showcasing its 100-key layout with grey, white, and orange keycaps.

SETUP

1. Unboxing and Initial Charge

Carefully remove the keyboard and its accessories from the packaging. The package includes the ZIYOULANG K6 Mechanical Keyboard and a USB Type-C cable. Before first use, it is recommended to fully charge the keyboard. Connect the provided USB Type-C cable to the keyboard's Type-C port and the other end to a powered USB port (e.g., computer, USB wall adapter). The keyboard features a 2000mAh rechargeable battery.

2. Connection Modes

The ZIYOULANG K6 supports three distinct connection methods:

- **Wired Mode (Type-C):** Connect the keyboard directly to your device using the provided USB Type-C cable. This mode offers a stable, low-latency connection and simultaneously charges the keyboard.
- **2.4G Wireless Mode:**
 1. Locate the 2.4G USB receiver, typically stored in a compartment on the keyboard.
 2. Plug the 2.4G USB receiver into an available USB port on your computer.
 3. Switch the keyboard's mode selector to the 2.4G position. The keyboard should automatically connect.
- **Bluetooth 5.0 Mode:**
 1. Switch the keyboard's mode selector to the Bluetooth position.
 2. On your device (computer, laptop, tablet, or mobile phone), open Bluetooth settings.
 3. The keyboard should appear as 'ZIYOULANG K6' or similar in the list of discoverable devices. Select it to pair.
 4. If prompted, enter the pairing code displayed on your screen using the keyboard and press Enter.



Image: A visual representation of the ZIYOULANG K6 keyboard, indicating its 2.4G, Bluetooth 5.0, and wired connection capabilities, along with the full key hot-swap feature.

OPERATING INSTRUCTIONS

1. Basic Keyboard Functions

The K6 features a 100-key layout, retaining essential keys while maintaining a compact form factor. All standard alphanumeric and function keys operate as expected. The keyboard supports N-Key Rollover (NKRO), ensuring all key presses are registered accurately, even during rapid input, which is beneficial for gaming.

2. RGB Backlighting Control

The keyboard is equipped with 16.8 million color RGB backlighting and 9 distinct light effects. Use the designated function keys (often combined with the 'Fn' key) to cycle through lighting modes, adjust brightness, and change colors. Refer to the keyboard's specific key combinations for detailed control:

- **Fn + [Key]:** To cycle through different RGB lighting effects.
- **Fn + ↑/↓:** To adjust backlight brightness.
- **Fn + ←/→:** To adjust lighting speed or direction.



Image: The ZIYOU LANG K6 Mechanical Keyboard illuminated with vibrant RGB backlighting, demonstrating its customizable lighting

features.

3. Hot-Swappable Switches

The ZIYOULANG K6 features hot-swappable switches, allowing users to change mechanical switches without soldering. This enables customization of typing feel and sound. To replace a switch:

1. Gently remove the keycap using a keycap puller.
2. Use a switch puller to carefully extract the switch from the PCB.
3. Align the pins of the new switch with the holes on the PCB and press firmly until it clicks into place. Ensure pins are not bent.
4. Reattach the keycap.

MAINTENANCE

1. Cleaning

To maintain optimal performance and appearance, regularly clean your keyboard:

- Disconnect the keyboard from your device before cleaning.
- Use a soft brush or compressed air to remove dust and debris from between the keycaps.
- For keycap cleaning, you may remove them using a keycap puller and wash them with mild soap and water. Ensure they are completely dry before reattaching.
- Wipe the keyboard surface with a slightly damp, lint-free cloth. Avoid excessive moisture.

2. Battery Care

The keyboard is powered by a 2000mAh Lithium Ion battery. To prolong battery life:

- Avoid fully discharging the battery frequently.
- Store the keyboard in a cool, dry place when not in use for extended periods.
- Use the provided Type-C cable for charging to ensure compatibility.

TROUBLESHOOTING

Issue	Possible Cause	Solution
Keyboard not responding (Wired)	Loose cable connection, faulty USB port, incorrect mode.	Ensure Type-C cable is securely connected. Try a different USB port or cable. Verify keyboard is in wired mode.
Keyboard not connecting (2.4G Wireless)	Receiver not plugged in, low battery, incorrect mode, interference.	Plug in the 2.4G receiver. Charge the keyboard. Switch to 2.4G mode. Move closer to the receiver or away from other wireless devices.
Keyboard not pairing (Bluetooth)	Incorrect mode, device Bluetooth off, already paired to another device, low battery.	Switch to Bluetooth mode. Ensure Bluetooth is enabled on your device. Unpair from other devices. Charge the keyboard.
Keys not registering or double-typing	Dust/debris under keycap, faulty switch, software issue.	Clean under the keycap. If hot-swappable, try replacing the switch. Restart your computer.

Issue	Possible Cause	Solution
RGB lighting not working	Lighting turned off, brightness too low, software conflict.	Use Fn key combinations to adjust brightness or cycle modes. Ensure keyboard is powered on.
Battery not charging	Faulty cable, USB port, or power source.	Try a different Type-C cable or USB port. Ensure the power source is active.

SPECIFICATIONS



Image: A detailed view of the ZIYOU LANG K6 keyboard, highlighting its 98% layout and specifications for red axis mechanical switches, including trigger pressure and stroke.

Feature	Detail
Model	K6
Brand	ZIYOU LANG

Feature	Detail
Connection Modes	Type-C Wired, 2.4G Wireless, Bluetooth 5.0
Number of Keys	100 keys (98% layout)
Keycap Material	PBT (Two-color injection molding)
Switch Type	Mechanical (Blue Switch specified, hot-swappable)
Backlight	RGB (16.8 million colors, 9 light effects)
Battery Capacity	2000mAh Lithium Ion
Interface	USB Type-C
Keyboard Cable Length	Approx. 1.5m (4.92ft)
Keyboard Dimensions	38 x 13.5 x 3.5 cm (14.96 x 5.31 x 1.38 in)
Item Weight	300 g
Panel Material	Metal
Compatible Devices	Desktop, Laptop, Tablet, Mobile Devices

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or contact the retailer or manufacturer directly. Keep your purchase receipt as proof of purchase.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question