

## KZZI Z98

# KZZI Z98 Wireless Mechanical Keyboard User Manual

Model: Z98

## 1. INTRODUCTION

This manual provides comprehensive instructions for the KZZI Z98 Wireless Mechanical Keyboard. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and user experience. Please read this manual thoroughly before using your keyboard.

## 2. PACKAGE CONTENTS

Verify that all items are present in your package:

- KZZI Z98 Wireless Mechanical Keyboard
- USB-C Cable
- Wireless 2.4GHz Receiver (typically stored in the keyboard)
- Keycap Puller
- Switch Puller
- Extra Switches (4x)
- Extra Keycaps (4x for Home, End, Page Up, Page Down)
- User Manual (this document)

## 3. PRODUCT OVERVIEW

The KZZI Z98 is a 90% layout mechanical keyboard designed for versatility and performance. It features a smart display, a multi-function knob, tri-mode connectivity, hot-swappable switches, and customizable RGB backlighting.

### 3.1 Key Features

- **Smart Display & Knob:** Integrated screen for system information and settings, with a three-way knob for adjustments.
- **Tri-Mode Connection:** Supports Bluetooth 5.0, 2.4GHz wireless, and USB-C wired connections.
- **90% Layout:** Compact design with 94 keys, retaining essential navigation and number keys.
- **Hot-Swappable Switches:** Compatible with 3-pin/5-pin switches for easy customization without soldering.

- **Double-Shot PBT Keycaps:** Durable keycaps with ergonomic DSA-height profile.
- **Multi-Layer Structure:** Features sound-absorbing silicone and cotton layers for reduced noise.
- **RGB Backlighting:** Customizable 16.8 million color RGB lighting with various effects.
- **Long-Lasting Battery:** 3750mAh battery for extended wireless use.



Image: The KZZI Z98 Wireless Mechanical Keyboard, showcasing its 90% layout, smart display, and multi-color keycaps.

## 4. SETUP

### 4.1 Initial Charging

Before first use, connect the keyboard to a USB power source using the provided USB-C cable. The smart display will indicate charging status. A full charge ensures optimal wireless performance.

### 4.2 Power On/Off

Locate the power switch, usually on the back or side of the keyboard. Toggle it to the 'ON' position to power on the keyboard. The smart display will activate.

## 5. OPERATING INSTRUCTIONS

### 5.1 Smart Display & Knob Functions

The integrated smart display and multi-function knob provide quick access to keyboard settings and system information.

- **Push Button Functions:**

1. Press and hold for 3 seconds to turn the keyboard ON/OFF.
2. Press to switch between Volume control and Menu settings on the main interface.
3. Press to confirm a selection within the menu.

- **Toggle Switch Functions (Knob):**

1. Toggle up or down to adjust volume when in volume mode.
2. Toggle up or down to navigate through menu sections.
3. Toggle up or down to enter the connection mode or other specific menus.

## TOGGLE SWITCH FUNCTIONS

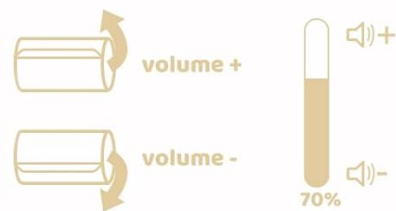


### Push Button Functions:



- ❶ OFF/ON: Long press for 3s.
- ❷ Press to switch Volume / Menu Setting on the main interface
- ❸ Press to **confirm**

### Toggle Switch Functions:



- ❶ Toggle Up to enter the connect mode
  - ❷ Toggle to selection the section
  - ❸ Press the push button to confirm
- 
- ❶ Toggle Up to enter the menu
  - ❷ Toggle to selection the section
  - ❸ Press the push button to confirm

Image: Diagram illustrating the push button and toggle switch functions of the KZZI Z98 keyboard's smart display and knob.

# Smart Digital Screen

Display What U Want & All Under Control



Image: Examples of information displayed on the smart screen, including home screen, GIF display, system connection status, RGB mode, brightness/speed, and volume.

## 5.2 Tri-Mode Connection

The KZZI Z98 supports three connection modes: Bluetooth 5.0, 2.4GHz wireless, and USB-C wired.

### 5.2.1 Bluetooth (BT) Connectivity

The keyboard can store up to three Bluetooth devices (BT1, BT2, BT3).

1. Use the toggle switch to select the BT1/BT2/BT3 icon on the smart display.
2. Press and hold the push button until the display shows "BT1 is pairing" (or BT2/BT3).
3. On your device (PC, laptop, tablet, smartphone), enable Bluetooth and search for "KZZI Z98".
4. Select "KZZI Z98" to connect. The display will show "BT1 success" upon successful pairing.
5. Repeat for up to three different devices.

### 5.2.2 2.4GHz Wireless Connectivity

For a reliable wireless connection, use the 2.4GHz mode.



1. Locate the 2.4GHz USB receiver, typically stored in a compartment on the keyboard.
2. Plug the receiver into an available USB port on your computer.
3. Use the toggle switch on the keyboard to select the 2.4G icon on the smart display.
4. Press the push button. The display will show "2.4G linking" or "2.4G success" once connected.
5. If pairing is needed (e.g., first time or re-connection), press and hold the push button until "2.4G pairing" appears, then insert the receiver. The display will confirm "2.4G success".

### 5.2.3 USB-C Wired Connection

For a stable, low-latency connection, use the USB-C wired mode.

- Connect the provided USB-C cable to the keyboard's USB-C port and the other end to your computer's USB port.
- The keyboard will automatically switch to wired mode.



Image: Visual guide for Bluetooth connectivity, showing BT1, BT2, BT3 options.



Image: Visual guide for 2.4G wireless connectivity, showing the receiver and connection process.

#### BT CONNECTIVITY

BT1

BT2

BT3

1. Use the toggle to select **BT1/BT2/BT3** icon, and connect any group of bluetooth devices.  
**Pairing setting:** for example, select **BT1**, then press and hold **"OK"** until it shows **BT1** is pairing, which means that the pairing is in progress.  
**Re-connection setting:** for example, select **BT1**, then click **"OK"**, and it shows **BT1** is linking, which means that you have entered the reconnect state.
2. Turn on the bluetooth settings of your device, then search and connect **"Kzzi Z98"**.
3. Once it's done, the display shows **"BT1 success!"** and back to the Home Screen. Similarly, follow the steps above to store 3 groups of different **BT** devices.

#### 2.4G CONNECTIVITY



**2.4G mode:** use the toggle to select the 2.4G icon, and click the push button. Keyboard is switched to 2.4G mode and the display shows "2.4G linking".

**2.4G pairing:** use the toggle switch to select the 2.4G icon, and press and hold the push button until the display shows "2.4G pairing"; then insert receiver, and the display shows "2.4G success".

(Kind Reminder: The receiver has been paired before delivery, no need to pair 2.4G again. This method is only used when 2.4G cannot be connected, you can set it for the first time, no need to set it every time.)

Image: An overview of the three connection modes: Bluetooth 5.0, 2.4GHz Wireless, and USB-C Wired, with icons representing each.

## 5.3 Customization

The KZZI Z98 offers extensive customization options through its dedicated software and on-board controls.

### 5.3.1 Software Customization

Download the official KZZI software from the manufacturer's website to unlock advanced customization features:

- **GIF Customization:** Upload and display custom GIFs on the smart screen.
- **Macro Programming:** Create and assign complex macros to keys.
- **RGB Lighting Control:** Fine-tune RGB lighting effects, colors, and brightness. Includes "Music Syncing" mode.
- **Key Remapping:** Reassign key functions.



Image: Screenshot of the KZZI software interface, showing options for RGB lighting effects, music visualizer, and macro recording/editing.

### 5.3.2 RGB Backlighting

The keyboard features 16.8 million color RGB backlighting with 18 default lighting effects. These can be adjusted via the smart display or the software.

- Use the smart display knob to cycle through RGB modes and adjust brightness/speed.
- The software provides more granular control over individual key lighting and advanced effects.

# Compact 90% Layout

Preserving essential direction and number keys



Image: The KZZI Z98 keyboard illuminated with RGB backlighting, demonstrating the visual effects.

## 5.4 Hot-Swappable Switches

The KZZI Z98 features hot-swappable sockets, allowing you to change mechanical switches without soldering. This supports both 3-pin and 5-pin switches.

1. Use the provided switch puller to carefully remove the desired switch.
2. Align the pins of the new switch with the holes on the PCB. Ensure the pins are straight.
3. Gently push the new switch into place until it clicks. Do not force it.
4. Test the key to ensure it functions correctly.



Image: Close-up view of the hot-swappable PCB, showing a switch being removed and the socket design.

## 6. MAINTENANCE

Proper maintenance ensures the longevity and performance of your KZZI Z98 keyboard.

- **Cleaning Keycaps:** Use the provided keycap puller to remove keycaps. Clean them with a mild soap solution and a soft cloth. Ensure they are completely dry before reattaching.
- **Cleaning the Keyboard Body:** Wipe the keyboard surface with a soft, damp cloth. Avoid harsh chemicals.
- **Dust Removal:** Use compressed air to remove dust and debris from between keycaps and switches.
- **Battery Care:** Avoid fully discharging the battery frequently. Charge the keyboard regularly, especially if not in use for extended periods.

## 7. TROUBLESHOOTING

If you encounter issues with your KZZI Z98 keyboard, refer to the following common solutions:

Problem	Possible Cause	Solution
Keyboard not responding (wireless)	Low battery, incorrect connection mode, receiver not plugged in, pairing issue.	<ul style="list-style-type: none"><li>• Charge the keyboard.</li><li>• Ensure the correct mode (BT or 2.4G) is selected on the keyboard.</li><li>• Verify the 2.4GHz receiver is securely plugged into a USB port.</li><li>• Re-pair the keyboard (refer to Section 5.2).</li></ul>
Keyboard not responding (wired)	Loose USB-C cable, faulty cable, faulty USB port.	<ul style="list-style-type: none"><li>• Ensure the USB-C cable is securely connected at both ends.</li><li>• Try a different USB-C cable.</li><li>• Connect to a different USB port on your computer.</li></ul>



Problem	Possible Cause	Solution
Smart display is blank or frozen	Keyboard off, software glitch, low battery.	<ul style="list-style-type: none"><li>• Ensure the keyboard is powered on.</li><li>• Charge the keyboard.</li><li>• Restart the keyboard by turning it off and on.</li><li>• If using custom GIFs, ensure the file is compatible.</li></ul>
RGB lighting not working	Lighting turned off, brightness too low, software issue.	<ul style="list-style-type: none"><li>• Adjust RGB settings using the smart display knob or software.</li><li>• Ensure the lighting is enabled.</li><li>• Reinstall the KZZI software.</li></ul>
Keys not registering or double-typing	Faulty switch, debris under keycap, software issue.	<ul style="list-style-type: none"><li>• Remove the keycap and clean any debris.</li><li>• Replace the switch using the provided switch puller and spare switches (refer to Section 5.4).</li><li>• Update or reinstall keyboard drivers/software.</li></ul>

## 8. SPECIFICATIONS

Feature	Detail
Brand	KZZI
Model Number	Z98
Connectivity Technology	Bluetooth 5.0, 2.4GHz RF, USB-C Wired
Layout	90% (94 keys)
Switches	Hot-Swappable Linear Switches (3-pin/5-pin compatible)
Keycaps	Double-Shot PBT, DSA-height
Battery Capacity	3750mAh
Battery Life (approx.)	20 days (non-RGB), 5 days (with RGB) - based on 6 hrs/day use
Backlighting	RGB (16.8 million colors, 18 effects)
Compatible Devices	PC, Laptop, Gaming Console, Smart TV, Tablet
Item Weight	3 pounds
Package Dimensions	17.01 x 8.9 x 2.28 inches

## 9. WARRANTY AND SUPPORT

KZZI products are designed for durability and performance. For warranty information, please refer to the warranty

card included in your package or visit the official KZZI website. For technical support, troubleshooting assistance, or to download the latest software and drivers, please visit the KZZI support page or contact customer service.

**Online Resources:**

- [KZZI Official Store on Amazon](#)
- Refer to the manufacturer's website for direct support and software downloads.