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ZORNHER ZH100

ZORNHER ZH100 Wireless Mechanical Keyboard User Manual

Model: ZH100

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your ZORNHER ZH100 Wireless Mechanical Keyboard. Please read this manual carefully before use to ensure optimal performance and longevity of your device.



Image 1: ZORNHER ZH100 Wireless Mechanical Keyboard.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x ZORNHER ZH100 Keyboard Body
- 1 x USB Cable (1.8m nylon USB-C)
- 1 x Keycap Puller
- 3 x Replacement Switches
- 1 x User Manual (this document)

3. SETUP

3.1 Initial Connection

The ZORNHER ZH100 keyboard supports three connection modes: 2.4GHz wireless, Bluetooth 5.0, and USB-C wired.

1. **Wired Mode:** Connect the provided USB-C cable to the keyboard and your computer. The keyboard will automatically switch to wired mode and begin charging.
2. **2.4GHz Wireless Mode:** Insert the 2.4GHz USB receiver into an available USB port on your computer. Switch the keyboard to 2.4GHz mode using the switch located on the keyboard. The keyboard should connect automatically.
3. **Bluetooth 5.0 Mode:**
 - Switch the keyboard to Bluetooth mode.
 - On your device (PC, laptop, tablet), enable Bluetooth and search for new devices.
 - Select "ZORNHER ZH100" from the list of available devices to pair.
 - The keyboard can connect to up to 5 devices via Bluetooth. Refer to the specific key combinations on your keyboard for switching between paired Bluetooth devices.

MULTI-MODES

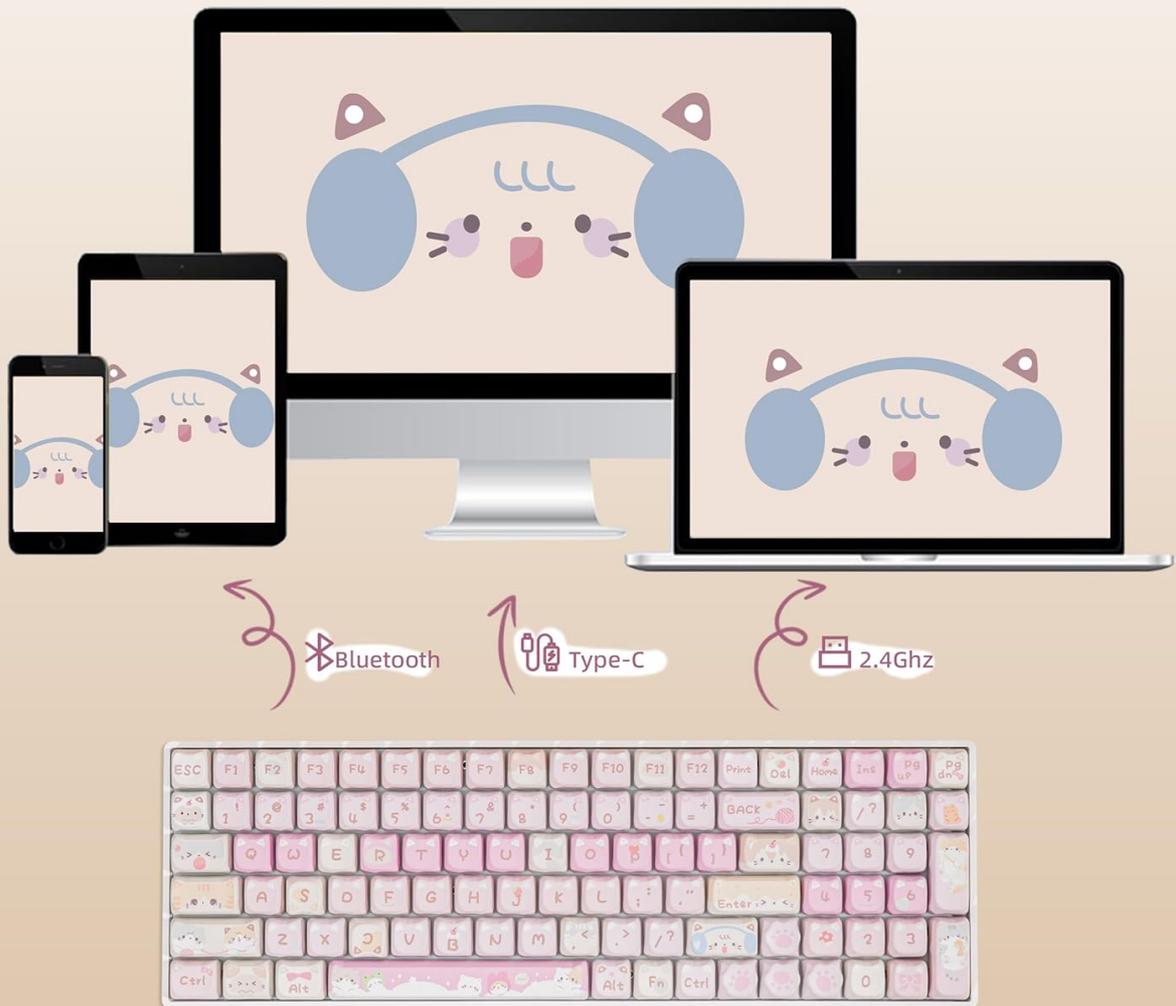


Image 2: Multi-mode connectivity options for the ZORNHER ZH100.

3.2 Charging the Keyboard

The keyboard is equipped with a 4000mAh battery. Connect the USB-C cable to the keyboard and a power source (computer USB port or USB wall adapter) to charge. An indicator light will typically show charging status.

4. OPERATING INSTRUCTIONS

4.1 Keyboard Layout

The ZH100 features a 98% layout, retaining a full number pad, F-row, arrow keys, and navigation keys in a compact form factor.

98 Keys Compact Layout

98%

Mechanical Keyboard

2%

Space Saving Design



Image 3: 98-key compact layout of the ZORNHER ZH100.

4.2 RGB Lighting

The keyboard features vibrant RGB lighting with 22 preset modes, including north-facing LEDs and edge glow. Specific key combinations (often involving the 'Fn' key) are used to cycle through modes, adjust brightness, and change colors. Refer to the quick start guide or keyboard legends for these functions.

Your browser does not support the video tag.

Video 1: Demonstration of the ZORNHER ZH100 keyboard's RGB lighting and typing sound.

4.3 Customization and Software

The keyboard is hot-swappable, allowing for easy replacement of 3-pin and 5-pin mechanical switches without soldering. Driver software is available for advanced customization, including key remapping, macro creation, and detailed RGB effect adjustments. Please visit the official ZORNHER website for software downloads and instructions.

HOT SWAPPABLE

Sakura Switch



Image 4: Hot-swappable switch feature of the ZORNHER ZH100.

5. MAINTENANCE

5.1 Cleaning

To maintain the keyboard's appearance and functionality:

- Use a soft, dry cloth to wipe the surface of the keyboard.
- For deeper cleaning, use the provided keycap puller to remove keycaps and clean underneath with compressed air or a small brush.
- Avoid using harsh chemicals or abrasive materials, as these can damage the keycaps and finish.

5.2 Keycap and Switch Care

The PBT dye-sublimation keycaps are designed to resist shine and wear, and the cat illustrations are resistant to fading. The hot-swappable design allows for easy replacement of individual switches if needed. Use the provided switch puller for this purpose.

6. TROUBLESHOOTING

If you encounter issues with your ZORNHER ZH100 keyboard, consider the following:

- **Keyboard not responding:** Ensure the keyboard is charged. Check the connection mode (wired, 2.4GHz, Bluetooth) and ensure it matches your device's connection. For wireless modes, verify the receiver is properly inserted or Bluetooth is paired.
- **Keys not registering:** If individual keys are not working, try removing and re-inserting the switch using the switch puller. If the issue persists, replace the switch with one of the spares provided.
- **Connectivity issues:** Try restarting your computer or device. For Bluetooth, unpair and re-pair the keyboard. For 2.4GHz, try a different USB port for the receiver.
- **RGB lighting not working:** Ensure the keyboard is powered on and not in a low-power state. Cycle through RGB modes using the designated key combinations.

If these steps do not resolve the issue, please contact ZORNHER customer support for further assistance.

7. SPECIFICATIONS

Feature	Detail
Model Number	ZH100
Dimensions (L x W x H)	14.96 x 7.99 x 2.75 inches
Item Weight	2.4 pounds
Connectivity	2.4GHz Wireless, Bluetooth 5.0, USB-C Wired
Battery Capacity	4000mAh Lithium Ion (included)
Keyboard Type	Mechanical
Switches	Sakura Linear (Creamy Switches), Hot-Swappable (3-pin & 5-pin compatible)
Keycaps	PBT Dye-Sublimation, MAO-profile
Backlighting	RGB (22 preset modes)
Layout	98% with Number Pad
Compatibility	Windows, macOS

8. WARRANTY

The ZORNHER ZH100 Wireless Mechanical Keyboard comes with a 2-year warranty from the date of purchase. This warranty covers manufacturing defects and ensures reliable support. Please retain your proof of purchase for warranty claims.

9. CUSTOMER SUPPORT

For technical assistance, warranty claims, or any questions regarding your ZORNHER ZH100 keyboard, please visit the official ZORNHER website or contact our customer support team through the contact information provided on our website.

Related Documents - ZH100

	<p>Zornher ZH980 Mechanical Keyboard User Manual</p> <p>Comprehensive user manual for the Zornher ZH980 Mechanical Keyboard, covering wired, Bluetooth, and 2.4G wireless connections, lighting modes, system switching, and specifications.</p>
	<p>Zornher ZH980 Mechanical Keyboard User Manual</p> <p>Comprehensive user manual for the Zornher ZH980 Mechanical Keyboard, covering wired, Bluetooth, and 2.4G wireless connections, lighting modes, system switching, and specifications.</p>
	<p>Zamkol Kids Wireless Over-Ear Headphones User Manual ZH100</p> <p>User manual for Zamkol Kids Wireless Over-Ear Headphones, Model ZH100. Provides information on features, safe usage, and operation.</p>