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E-YOOSO Z-101

E-YOOSO Z-101 Wireless Mechanical Keyboard User Manual

Model: Z-101

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1. SETUP

The E-YOOSO Z-101 keyboard offers versatile connectivity options to suit various devices and operating systems. Before initial use, ensure the keyboard is charged or connected via USB-C.

1.1 Tri-Mode Connection

This keyboard supports three connection modes: Bluetooth 5.0, 2.4GHz wireless, and USB wired. You can connect to up to five devices simultaneously and switch between them using FN key combinations.



Image: Tri-Mode Connection options for the E-YOOSO Z-101 keyboard.

1.1.1 USB Wired Mode

Connect the keyboard directly to your computer using the provided USB-C cable. This mode provides a stable connection and charges the keyboard simultaneously.

1.1.2 2.4GHz Wireless Mode

To use 2.4GHz wireless mode, plug the USB receiver into your device. Switch the mode selector on the keyboard to 2.4G. The keyboard should automatically connect. The USB dongle can be stored in a dedicated slot on the side of the keyboard when not in use.

1.1.3 Bluetooth Mode

Switch the mode selector on the keyboard to BT. The keyboard can store up to three Bluetooth connections (BT1, BT2, BT3). To pair, press FN + 1/2/3 until the indicator light flashes, then search for the keyboard on your device's Bluetooth settings and connect.

Z-101 Custom Mechanical Keyboard



BT5.0/2.4G/Wired



Gasket Structure



Pre-lubed
Linear Switches



Hot Swappable



RGB Backlit



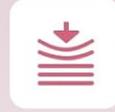
Durable Battery



PBT Keycaps



96% Layout
with Numpad



5 layers of
Noise Reduction



Knob Design



Image: Key features of the E-YOOSO Z-101 Custom Mechanical Keyboard.

1.2 Operating System Compatibility

The keyboard includes a switch to toggle between Windows and Mac layouts. Ensure this switch is set correctly for your operating system to utilize all functions properly.

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Video: An overview of the E-YOOSO Z-101 Wireless Mechanical Keyboard, demonstrating its features and functionality.

2. OPERATING INSTRUCTIONS

2.1 Multi-Function Knob

The knob located on the top right of the keyboard serves dual purposes: volume control and lighting adjustment.

- **Volume Control Mode:** Rotate the knob to adjust the system volume. Short press the knob to mute or unmute

audio.

- **Lighting Control Mode:** Long press the knob for 3 seconds until the backlight flashes twice to switch to lighting mode. In this mode, rotate the knob to adjust backlight brightness. Short press to cycle through 15 RGB lighting effects. Long press for 2 seconds until the backlight flashes twice to switch back to volume control mode.



Image: Multi-function knob operation for volume and RGB backlight control.

2.2 RGB Backlight

The keyboard features 16 RGB lighting effects and supports over 16.8 million colors, enhancing the user experience.

- **Change RGB Modes:** Use FN + Shift to cycle through different RGB backlight modes.
- **Adjust Brightness:** Use FN + ↑ (Up Arrow) to increase brightness and FN + ↓ (Down Arrow) to decrease brightness.
- **Adjust Light Speed:** Use FN + ← (Left Arrow) to decrease light speed and FN + → (Right Arrow) to increase light speed.
- **Backlight On/Off:** Press FN + Space to toggle the backlight on or off.

- **Switch Sidelight:** Press FN + R_Ctrl to switch the sidelight effect.



Image: RGB Backlight features and control shortcuts.

2.3 FN Shortcuts

The keyboard includes various FN key combinations for quick access to functions on both Windows and Mac operating systems.

FN Shortcuts for WINDOWS System

- FN+F1: Screen brightness-
- FN+F2: Screen brightness+
- FN+F3: Multiple task
- FN+F4: Voice (Up to WIN10)
- FN+F5: Computer desk

FN+F6: Search

FN+I: HOME

FN+O: END

FN+WIN: Lock/Unlock Win keys

FN+P: SCRLK

FN+L: PAUSE

FN+ESC: Reset (3 seconds)

FN Shortcuts for MAC OS

F1=FN+F1: Screen brightness-

F2=FN+F2: Screen brightness+

F3=FN+3: Multiple task

F4=FN+4: Siri

F5=FN+F5: Computer desk

F6=FN+F6: Search

F7=FN+F7: Previous track

F8=FN+F8: Play/pause

F9=FN+9: Next track

F10=FN+10: Mute

F11=FN+11: Volume -

F12=FN+12: Volume +

FN+ESC: Reset (3 seconds)

Driver Macro Customization

Driver download: bit.ly/Z-101Driver



Image: FN shortcuts for Windows and Mac.

2.4 Battery Status and Power Saving

The keyboard is equipped with a 4000mAh high-capacity battery. To check the battery level, press FN + ALT. The indicator lights will show the approximate charge level (e.g., 1-3 for 30%, 1-5 for 50%, 1-9 for 100%).

For power saving, the backlight will automatically turn off after 3 minutes of inactivity in wireless mode. Press any button to wake up the keyboard.

Visible Battery Durability

High-capacity Battery

4000mAh



FN+ALT
Long Press to Check Battery

30%: ① ② ③

50%: ① ② ③ ④ ⑤

100%: ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

Image: Visible Battery Durability and status check.

3. MAINTENANCE

3.1 Hot-Swappable Switches

The E-YOOSO Z-101 features a hot-swappable PCB, supporting both 3-pin and 5-pin mechanical switches. This allows for easy customization and replacement of switches without soldering.

PCB Hot Swappable Socket

Support 3-pin/5-pin Switches



Pre-lubed Switches

Outemu greywood switches
smooth, quiet, quick response

Work pressure	40±5g
Total stroke	3.6+0.3mm
Work Travel	2.0mm
Mechanical life	60 million times

Image: Hot-swappable switch sockets and switch specifications.

3.2 PBT Keycaps

The keyboard comes with durable PBT keycaps, known for their resistance to shine and wear over time, ensuring a long-lasting aesthetic and tactile experience.

3.3 Gasket Structure

The keyboard incorporates an advanced five-layer filling structure with an integrated silicone pad and precise PCB slotting. This design optimizes key resilience, board stability, and effectively dampens hollow cavity sounds, providing a consistent and pure typing sound.

Multi Function Knob Design

Change volume and RGB Backlit Easily



The functions of Volume and RGB Backlit can be switched by pressing Knob for 3S

Lighting Control Mode

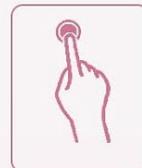


Short Press to adjust RGB Backlit modes



Roll to adjust brightness

Multimedia Mode



Short Press to Play/Pause



Roll to Adjust volume

Image: Gasket Structure components.

4. TROUBLESHOOTING

- **Keyboard not responding:** Ensure the keyboard is charged or connected via USB-C. Check the connection mode switch (2.4G, BT, or Wired) is set correctly.
- **Bluetooth pairing issues:** Make sure the keyboard is in Bluetooth pairing mode (FN + 1/2/3 flashing). Remove previous pairings from your device and try pairing again.
- **2.4GHz connection issues:** Ensure the USB receiver is securely plugged into your device. Try a different USB port.
- **Backlight not working:** Check if the backlight is turned off (FN + Space). Adjust brightness using the knob or FN + ↑/↓.
- **Keys not registering:** If specific keys are not working, ensure the switches are properly seated. For hot-swappable switches, gently remove and reinsert them.
- **Unexpected behavior:** Perform a factory reset by long-pressing FN + ESC for 3 seconds.

5. SPECIFICATIONS

Feature	Detail
Model Number	Z-101
Connectivity	Bluetooth 5.0, 2.4GHz Wireless, USB-C Wired
Keyboard Type	Mechanical
Switches	Pre-lubed Linear, Hot-Swappable (3-pin/5-pin)
Keycaps	PBT
Backlighting	RGB (16 effects, 16.8 million colors)
Battery Capacity	4000mAh
Product Dimensions	15.2 x 5.3 x 1.5 inches
Item Weight	2.57 pounds
Compatible Devices	Laptop, PC
Special Features	Backlit, Ergonomic, Hot-Swappable, Multi-Function Knob, Gasket Structure
Material	Plastic

6. WARRANTY AND SUPPORT

For software drivers and further customization options, please visit: bit.ly/Z-101Driver

For warranty information or technical assistance, please contact E-YOOSO customer support through your retailer or the official E-YOOSO website.