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E-Yooso Z686

E-Yooso Z686 60% Mechanical Keyboard User Manual

Model: Z686

1. Introduction

Thank you for choosing the E-Yooso Z686 60% Mechanical Keyboard. This compact, high-performance keyboard is designed for both gaming and office use, featuring a durable build, customizable RGB backlighting, and responsive mechanical switches. This manual provides detailed instructions on how to set up, operate, and maintain your keyboard to ensure optimal performance and longevity.

2. Package Contents

Please check the package for the following items:

- E-Yooso Z686 60% Mechanical Keyboard
- USB-C to USB-A Cable
- Keycap Puller
- Switch Puller (if hot-swappable switches are included)
- Spare Switches (if included)

3. Product Overview

The E-Yooso Z686 features a 65% layout with 68 keys, offering a compact design without sacrificing essential functionality, including dedicated arrow keys. It is equipped with durable mechanical switches and customizable RGB lighting.

Key Features:

- **65% Compact Layout:** 68 keys including arrow keys for space-saving efficiency.
- **Mechanical Switches:** Equipped with Outemu Red switches for a linear, quiet, and responsive typing experience.
- **Customizable RGB Backlighting:** 20 preset lighting modes and 7 solid colors, adjustable brightness and speed.
- **Anti-Ghosting & N-Key Rollover:** Ensures all key presses are registered accurately, even during rapid input.

- **Ergonomic Design:** Stepped keycap design for comfortable typing and reduced hand fatigue.
- **Durable Construction:** High-quality materials for extended lifespan.
- **Wide Compatibility:** Supports Windows, macOS, and Android operating systems.



Image: The E-Yooso Z686 keyboard connected via its stable USB Type-C cable.



Image: A close-up view of the Outemu Red mechanical switches, highlighting their linear and quiet operation.



Image: The ultra-compact 60% layout of the E-Yooso Z686 keyboard, emphasizing its space-saving design.



Image: The ergonomic design of the E-Yooso Z686 keyboard, illustrating how it promotes a comfortable typing posture.

4. Setup

1. **Unpack the Keyboard:** Carefully remove the keyboard and all accessories from the packaging.
2. **Connect the USB Cable:** Insert the USB-C end of the provided cable into the port on the keyboard.
3. **Connect to Computer:** Plug the USB-A end of the cable into an available USB port on your computer (PC, laptop, or compatible device).
4. **Driver Installation:** The keyboard is plug-and-play. Your operating system will automatically detect and install the necessary drivers. No additional software is typically required for basic functionality.
5. **Test Functionality:** Open a text editor or browser and test typing to ensure all keys are functioning correctly.

5. Operating Instructions

5.1. RGB Backlighting Control

The E-Yooso Z686 features dynamic RGB backlighting with multiple modes and customization options. All controls are managed directly from the keyboard using the **Fn** key in combination with other keys.



Image: The E-Yooso Z686 keyboard illuminated with its customizable RGB backlighting, showcasing various light effects.

- **Change Lighting Mode:** Press **Fn +** \| to cycle through 20 different RGB lighting effects.
- **Adjust Brightness:** Press **Fn +** ↑ to increase brightness, **Fn +** ↓ to decrease brightness (5 levels).
- **Adjust Speed:** Press **Fn +** ← to decrease animation speed, **Fn +** → to increase animation speed (5 levels).
- **Change Solid Color:** Some modes allow cycling through 7 solid colors. Refer to specific mode behavior.



Image: Multiple E-Yooso Z686 keyboards showcasing various customizable RGB lighting modes and solid color options.

5.2. Function (Fn) Key Combinations

The **Fn** key unlocks secondary functions for many keys, providing access to multimedia controls and other shortcuts.



Image: The E-Yooso Z686 keyboard illustrating the location and function of its FN multimedia and multifunction keys.

Combination	Function
Fn + F1	My Computer
Fn + F2	Search
Fn + F3	Calculator
Fn + F4	Media Player
Fn + F5	Previous Track
Fn + F6	Next Track
Fn + F7	Play/Pause
Fn + F8	Stop
Fn + F9	Mute
Fn + F10	Volume Down
Fn + F11	Volume Up
Fn + F12	Email
Fn + Win	Lock/Unlock Windows Key
Fn + PrtSc	Print Screen
Fn + Home	Home
Fn + End	End
Fn + PgUp	Page Up
Fn + PgDn	Page Down

5.3. Keycap and Switch Replacement (if hot-swappable)

Your keyboard may support hot-swappable switches, allowing you to change them without soldering. Use the provided tools for this process.

1. **Remove Keycap:** Use the keycap puller to gently pull the keycap straight up.
2. **Remove Switch:** If replacing switches, use the switch puller to carefully grip the top and bottom clips of the switch and pull it straight up.
3. **Install New Switch:** Align the pins of the new switch with the holes on the PCB. Press down firmly until it clicks into place. Ensure pins are not bent.
4. **Install Keycap:** Place the keycap onto the switch stem and press down gently until it is secure.

6. Maintenance

Proper maintenance ensures the longevity and performance of your keyboard.

- **Regular Cleaning:** Use a can of compressed air to blow out dust and debris from between the keycaps.
- **Keycap Cleaning:** For deeper cleaning, remove keycaps using the keycap puller and wash them with mild soap and

water. Ensure they are completely dry before reattaching.

- **Surface Cleaning:** Wipe the keyboard surface with a soft, slightly damp cloth. Avoid harsh chemicals.
- **Avoid Spills:** Keep liquids away from the keyboard to prevent damage to electronic components.

7. Troubleshooting

If you encounter any issues with your E-Yooso Z686 keyboard, refer to the following common solutions:

Problem	Solution
Keyboard not responding	• Ensure the USB cable is securely connected to both the keyboard and the computer. • Try plugging the keyboard into a different USB port. • Restart your computer. • Test the keyboard on another computer to rule out system-specific issues.
RGB lights are not working	• Check if the brightness is set to the lowest level (**Fn +** ↑ to increase). • Cycle through lighting modes (**Fn +** |) to see if any mode activates. • Ensure the keyboard is receiving sufficient power from the USB port.
Specific keys are not registering	• Remove the keycap and check for any debris obstructing the switch. • If hot-swappable, carefully remove and re-insert the switch to ensure it's properly seated. • If the issue persists, the switch may be faulty and might need replacement.
Windows key is disabled	Press **Fn + Win** to toggle the Windows key lock.

8. Specifications

Feature	Detail
Model	Z-686
Layout	65% (68 Keys)
Switch Type	Mechanical (Outemu Red)
Connectivity	Wired USB-C
Backlight	RGB (20 modes, 7 solid colors)
Anti-Ghosting	Full N-Key Rollover
Material	Metal, Plastic
Dimensions	Approximately 33 x 13.5 x 4.5 cm
Weight	Approximately 730 g

Feature	Detail
Cable Length	1.5 meters (approx.)
Compatibility	Windows, macOS, Android

9. Warranty and Support

E-Yooso is committed to providing high-quality products and excellent customer service.

- **Quality Warranty:** This product comes with a 1-year quality warranty from the date of purchase.
- **Return Policy:** Enjoy a 30-day exchange policy for eligible returns.
- **Customer Support:** We offer 24-hour customer service. If you have any questions, concerns, or require assistance, please do not hesitate to contact us through the retailer's platform or our official support channels. We aim to respond within 24 hours.



Image: Summary of E-Yooso's customer service commitments: 24-hour customer support, 30-day exchange policy, and a 1-year quality warranty.

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