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› Mosptnspg 80% TKL Wired Mechanical Keyboard User Manual

Mosptnspg ZH018

User Manual: Mosptnspg 80% TKL Wired Mechanical Keyboard

Model: ZH018

1. PRODUCT OVERVIEW

The Mosptnspg 80% TKL Wired Mechanical Keyboard (Model ZH018) is an 87-key compact keyboard designed for gaming and everyday use. It features a gasket mount design, hot-swappable switches, PBT keycaps, and customizable RGB backlighting. This manual provides instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your keyboard.



Figure 1: Mosptnspg 80% TKL Wired Mechanical Keyboard (Black Purple)

2. PACKAGE CONTENTS

- Mosptnspg 80% TKL Wired Mechanical Keyboard
- USB-C to USB-A Cable
- Keycap Puller
- User Manual (this document)

3. SETUP INSTRUCTIONS

3.1 Connecting the Keyboard

1. Locate the USB-C port on the back or side of the keyboard.
2. Connect the provided USB-C cable to the keyboard's USB-C port.
3. Connect the USB-A end of the cable to an available USB port on your computer (Laptop or PC).
4. The keyboard will be automatically recognized by your operating system.

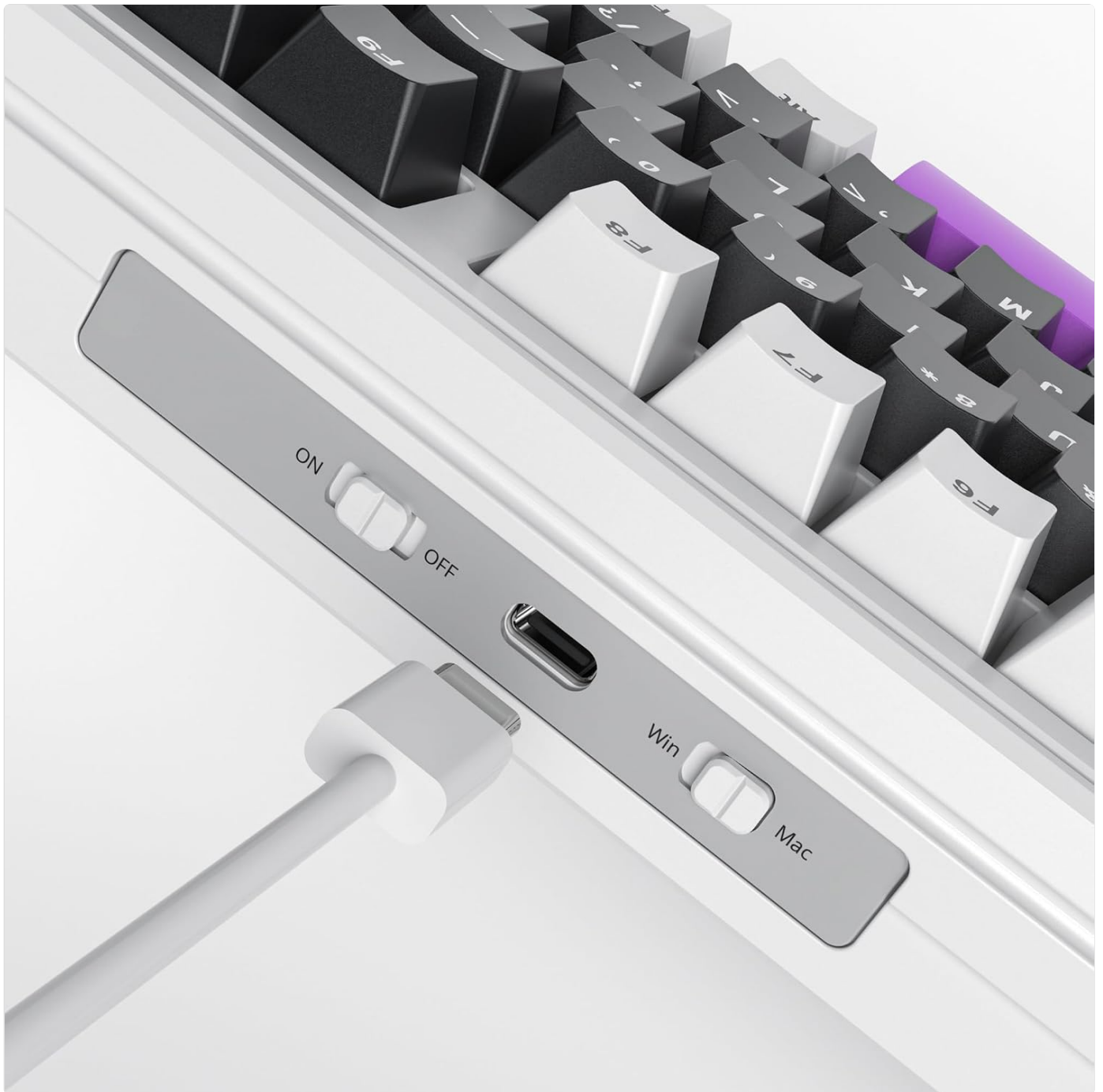


Figure 2: Keyboard Connectivity and Switches

3.2 Adjusting Keyboard Height

The keyboard features two-step adjustable legs on the underside. Gently flip out the desired leg height to achieve a comfortable typing angle.

ERGONOMIC DESIGN

Two-step Adjustable Legs



Figure 3: Adjustable Keyboard Legs for Ergonomic Comfort

4. OPERATING THE KEYBOARD

4.1 Key Layout and Functionality

This 80% TKL (Tenkeyless) keyboard features 87 keys, providing a compact layout while retaining essential function keys and arrow keys. All modes support full-key rollover, ensuring every keystroke is registered accurately, even during rapid typing or complex gaming commands.



Figure 4: 87-Key TKL Layout

4.2 RGB Backlighting

The keyboard features vibrant RGB backlighting with over 16.8 million customizable colors. Various lighting effects can be selected and personalized through the dedicated driver software.

Your browser does not support the video tag.

Video 1: Demonstration of RGB Backlighting Effects on the Keyboard. This video showcases various dynamic lighting patterns and color transitions available on the Mosptnspg mechanical keyboard.

For advanced customization of RGB lighting and key functions, please install the official driver software. The software allows you to create custom lighting profiles, assign macros, and remap keys.

PROGARMMMABLE SOFTWARE



Figure 5: Programmable Software Interface for Customization

4.3 Hot-Swappable Switches

The keyboard features hot-swappable sockets compatible with both 3-pin and 5-pin mechanical switches. This allows you to easily change switches without soldering, enabling customization of typing feel and sound.

HOT-SWAPPABLE WHITE SWITCHES

Matching 3-pin
And 5-pin Mechanical Switches



Figure 6: Hot-Swappable Switch Mechanism

To replace a switch:

1. Gently pull the keycap off using the provided keycap puller.
2. Use a switch puller (not included, but often comes with switch sets) to carefully remove the switch from its socket.
3. Align the pins of the new switch with the holes in the socket and press firmly until it clicks into place. Ensure pins are straight to avoid bending.
4. Replace the keycap.

4.4 Gasket Mount Design

The keyboard incorporates a gasket mount structure, which uses soft materials like silicone or foam between the plate and the PCB. This design provides a more flexible and cushioned typing experience, reducing harsh bottom-out sounds and vibrations, resulting in a softer and more pleasant acoustic profile.

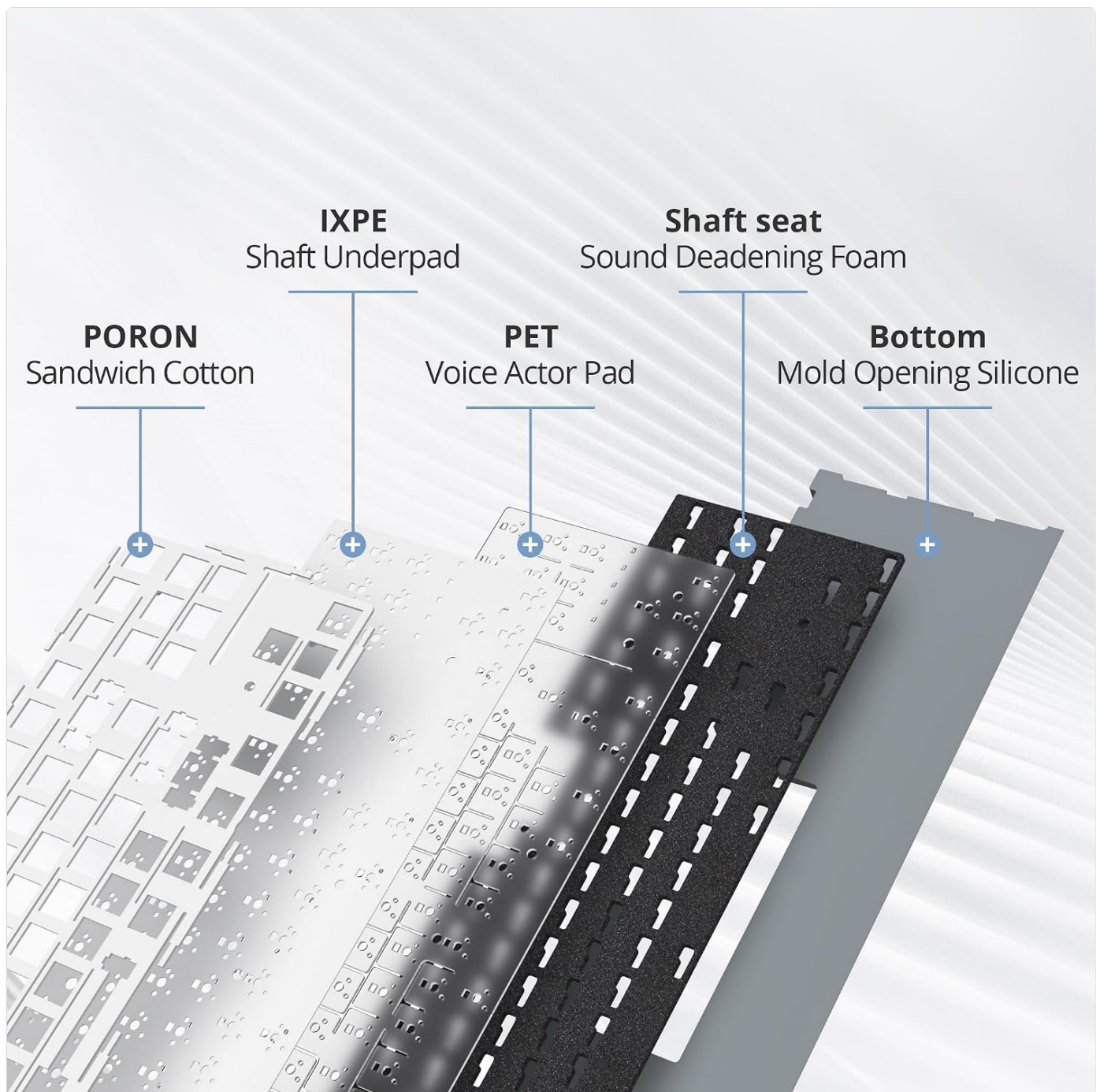


Figure 7: Gasket Mount Internal Structure

4.5 PBT Keycaps

The keyboard is equipped with durable PBT keycaps. PBT plastic is known for its resistance to shine and wear over time, providing a consistent texture and appearance even with prolonged use. They are anti-sweat, non-sticky, and non-slip.

5. MAINTENANCE

5.1 Cleaning the Keyboard

- Disconnect the keyboard from your computer before cleaning.
- Use a can of compressed air to remove dust and debris from between the keycaps.
- For stubborn dirt, gently remove keycaps using the provided keycap puller and clean the switch stems and plate with a soft brush or cotton swab lightly dampened with isopropyl alcohol.
- Wipe the keycaps and keyboard surface with a soft, lint-free cloth. Avoid abrasive materials or harsh chemicals.
- Ensure the keyboard is completely dry before reconnecting it.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Keyboard not responding	Loose cable connection, incorrect port, driver issue.	Ensure USB cable is securely connected. Try a different USB port. Restart your computer. Check device manager for driver issues.
RGB lighting not working or incorrect	Software settings, power issue.	Check RGB settings in the driver software. Ensure the keyboard is receiving sufficient power. Try resetting the keyboard (if a reset function is available in software).
Specific keys not registering	Faulty switch, debris under keycap.	Remove the keycap and check for debris. If hot-swappable, try replacing the switch with a known working one.
Keyboard feels unstable	Adjustable legs not fully extended or uneven.	Ensure both adjustable legs are fully extended and locked into position, or fully retracted if preferred.

If the issue persists after attempting these solutions, please contact customer support for further assistance.

7. SPECIFICATIONS

- Brand:** Mosptnspg
- Model:** ZH018
- Layout:** 80% TKL (87 Keys)
- Connectivity:** Wired (USB-A, USB-C)
- Switch Type:** Mechanical, Hot-Swappable (3-pin or 5-pin compatible)
- Keycaps:** PBT
- Backlighting:** RGB (16.8 million colors, customizable)
- Design:** Gasket Mount
- Ergonomics:** Two-step adjustable legs
- Compatible Devices:** Laptop, PC
- Item Weight:** 2.51 pounds
- Package Dimensions:** 17.04 x 6.5 x 2.32 inches
- Manufacturer:** CJXSP
- Date First Available:** January 26, 2024

8. WARRANTY AND SUPPORT

For warranty information and technical support, please contact the seller or manufacturer directly. Keep your purchase receipt as proof of purchase.

Manufacturer: CJXSP

For further assistance, you may visit the [Mosptnspg Store on Amazon](#).

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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.

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