

MCHOSE MC-G98

MCHOSE G98 Wireless Mechanical Keyboard User Manual

Model: MC-G98 | Brand: MCHOSE

1. INTRODUCTION

Thank you for choosing the MCHOSE G98 Wireless Mechanical Keyboard. This manual provides detailed instructions for setting up, operating, and maintaining your keyboard to ensure optimal performance and longevity. The G98 keyboard features a compact 98-key layout, tri-mode connectivity (2.4GHz wireless, Bluetooth, and wired USB-C), a gasket-mounted design with five-layer dampening, RGB backlighting, and hot-swappable switches for a customizable typing experience.



Figure 1.1: Top-down view of the MCHOSE G98 Wireless Mechanical Keyboard, showcasing its 98-key layout and blue/white keycap color scheme.

MCHOSE G98

Wireless Mechanical Keyboard



Figure 1.2: The MCHOSE G98 Wireless Mechanical Keyboard, highlighting its brand and product name.

2. KEY FEATURES

- **Tri-Mode Connectivity:** Seamlessly switch between 2.4GHz wireless, Bluetooth, and wired USB-C connections for versatile use across multiple devices.

A high-angle, 3D-rendered image of the MCHOSE G98 keyboard. The keyboard is white with light blue and dark blue keycaps. It is positioned on a blue mousepad. In the background, a smartphone is visible on the left, and a monitor stand is on the right. The text '2.4GHz RF / BT / Wired' is overlaid in large, white, bold letters at the top.

2.4GHz RF / BT / Wired

Tri-Mode Connection

Figure 2.1: The MCHOSE G98 keyboard emphasizing its 2.4GHz RF, Bluetooth, and Wired tri-mode connection capabilities.

- **Gasket Mounted Design with 5-Layer Dampening:** Experience a satisfying typing feel and enhanced sound dampening thanks to the advanced gasket mount system and five layers of sound-absorbing materials.

Gasket-Mounted 5-layer Dampening

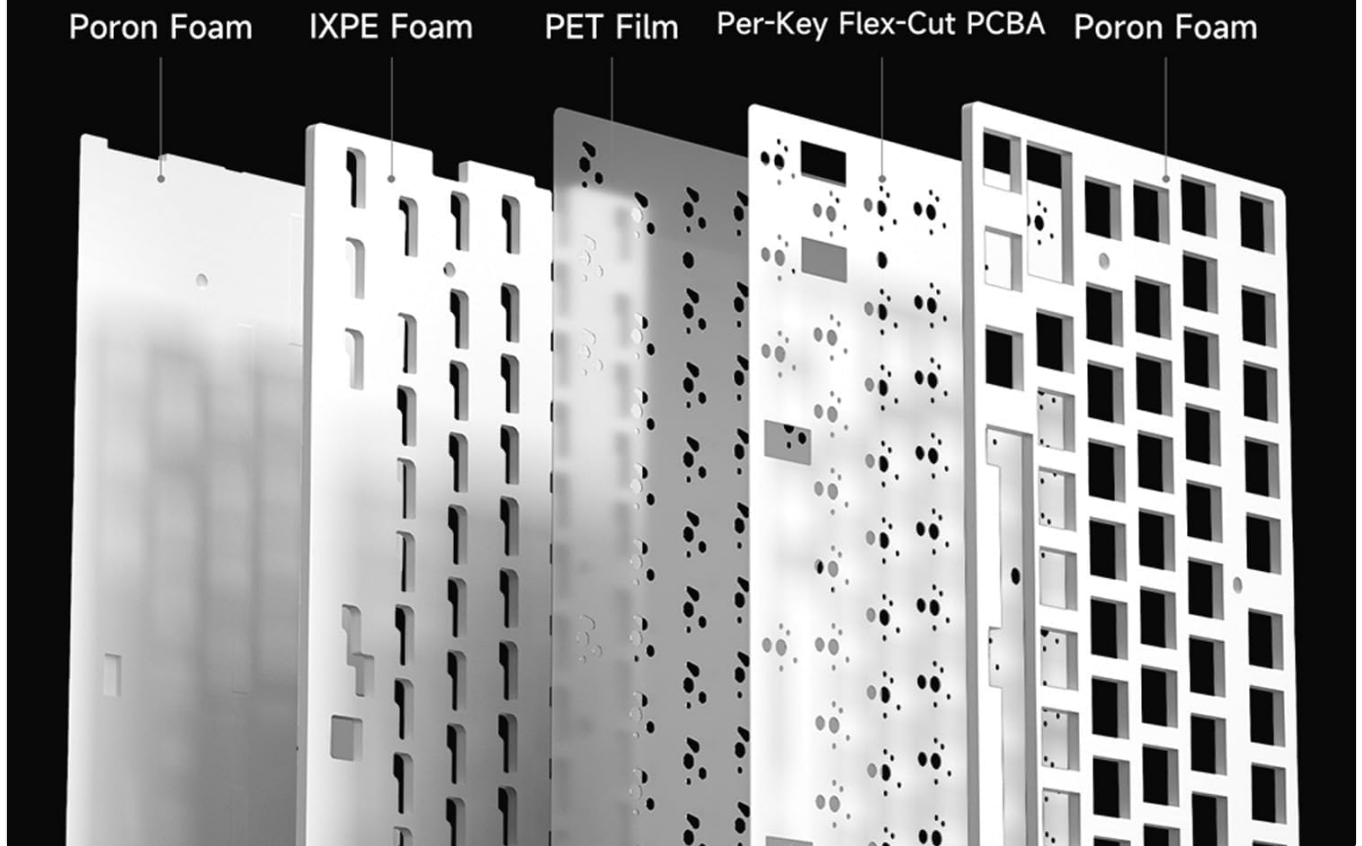


Figure 2.2: An exploded diagram illustrating the five layers of dampening material within the gasket-mounted design, including Poron Foam, IXPE Foam, PET Film, and Per-Key Flex-Cut PCBA.

- **Hot-Swappable Switches:** Customize your typing experience by easily swapping out the pre-installed switches with your preferred 3-pin or 5-pin mechanical switches without soldering.

RGB Backlight



MDA Profile PBT Double-Shot Keycap

Figure 2.3: A close-up view of the keyboard demonstrating the hot-swappable switch sockets, with a Cabbage Tofu Switch shown for reference.

- **Double-Shot PBT Keycaps:** Durable and long-lasting keycaps with legends that won't fade, providing a premium feel and consistent transparency for backlighting.
- **Vibrant RGB Backlighting:** Personalize your setup with customizable RGB lighting effects and colors.



Hot-Swappable

Figure 2.4: A detailed view of the keyboard showcasing the RGB backlighting and the texture of the MDA Profile PBT Double-Shot Keycaps.

3. SETUP GUIDE

3.1 What's in the Box

- MCHOSE G98 Wireless Mechanical Keyboard
- USB-C Cable
- 2.4GHz USB Receiver (stored in the keyboard)
- Keycap Puller
- Extra Switches (2 included)

3.2 Initial Charging

Before first use, it is recommended to fully charge the keyboard. Connect the provided USB-C cable to the keyboard's USB-C port and the other end to a USB power source (e.g., computer USB port, wall adapter). The charging indicator light will show the charging status.

3.3 Connection Modes

The MCHOSE G98 supports three connection modes: Wired, 2.4GHz Wireless, and Bluetooth. Use the mode switch located on the side of the keyboard to select your desired connection type.



Figure 3.1: Location of the mode switch on the side of the keyboard for selecting connection type.

3.3.1 Wired Mode

Connect the USB-C cable directly from the keyboard to your computer. The keyboard will automatically switch to wired mode and begin charging.

3.3.2 2.4GHz Wireless Mode

1. Locate the 2.4GHz USB receiver, which is magnetically stored in a compartment on the keyboard.



Figure 3.2: The magnetic storage compartment for the 2.4GHz USB receiver.

2. Plug the USB receiver into an available USB port on your computer.
3. Set the mode switch on the keyboard to the 2.4GHz wireless position. The keyboard should connect automatically.

3.3.3 Bluetooth Mode

1. Set the mode switch on the keyboard to the Bluetooth position.
2. The keyboard will enter pairing mode (indicator light may flash).
3. On your device (computer, tablet, smartphone), open Bluetooth settings and search for new devices.
4. Select "MCHOSE G98" (or similar name) from the list of available devices to pair.

4. OPERATING INSTRUCTIONS

4.1 Key Functions

The MCHOSE G98 features a 98-key layout, retaining essential function and number keys while optimizing desk space. Standard alphanumeric keys operate as usual. Specific function key combinations (Fn + F-keys) may control media playback, volume, and other system functions. Refer to the keycap legends for specific Fn layer commands.

4.2 RGB Backlighting Control

The keyboard features full RGB backlighting. Use designated key combinations (often involving the Fn key and specific keys like arrow keys or dedicated lighting keys) to cycle through lighting modes, adjust brightness, and change colors. Consult the keyboard's keycap legends for specific lighting control shortcuts.

4.3 Hot-Swappable Switches

The hot-swappable design allows you to easily change the mechanical switches without soldering. This enables customization of typing feel and sound. The keyboard comes with Cabbage Tofu Switches. Other compatible 3-pin or 5-pin switches can be installed.

4.3.1 Replacing Switches

1. Gently pull off the keycap 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 PCB and gently press it into place until it clicks. Ensure pins are straight to avoid bending.
4. Place the keycap back onto the new switch.

4.3.2 Switch Specifications (Examples)

The keyboard is compatible with various mechanical switches. Below are specifications for some common switch types:

- **Cabbage Tofu Switch V2:**

Operating force: $45\pm 5\text{gf}$

Pre-travel: $1.9\pm 0.3\text{mm}$

Travel distance: $4.0\pm 0.5\text{mm}$



Figure 4.1: Detailed specifications for the Cabbage Tofu Switch V2.

- **Hyacinth Switch:**

Operating/Tactile force: $45\pm 5\text{gf}$

Pre-travel: $1.9\pm 0.3\text{mm}$

Total Travel: $3.5\pm 0.3\text{mm}$

Stem: POM

Top housing: PC



Figure 4.2: Detailed specifications for the Hyacinth Switch.

5. MAINTENANCE

5.1 Cleaning the Keyboard

To maintain the keyboard's appearance and functionality, regular cleaning is recommended:

- Disconnect the keyboard from your device before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe down the keycaps and chassis.
- For dust and debris between keycaps, use compressed air or a small brush.
- Avoid spraying liquids directly onto the keyboard.

5.2 Keycap and Switch Care

When removing keycaps or switches, do so gently to avoid damaging the components or the PCB. Store extra keycaps and switches in a safe, dry place.

6. TROUBLESHOOTING

6.1 Keyboard Not Responding

- **Wired Mode:** Ensure the USB-C cable is securely connected to both the keyboard and the computer. Try a different USB port or cable.
- **2.4GHz Wireless Mode:** Check if the USB receiver is properly plugged into a USB port. Ensure the keyboard's mode switch is set to 2.4GHz. Try re-pairing by unplugging and replugging the receiver.
- **Bluetooth Mode:** Verify Bluetooth is enabled on your device and the keyboard is paired. If already paired, try unpairing and re-pairing. Ensure the keyboard's mode switch is set to Bluetooth.
- **Battery:** The keyboard might be out of battery. Connect it via USB-C cable to charge.

6.2 Backlighting Not Working/Incorrect

- Ensure the keyboard is powered on and charged.
- Check if the backlight is turned off or set to minimum brightness using the lighting control key combinations.
- If specific keys are not lighting up, ensure the switches are fully seated in their sockets.

6.3 Keys Not Registering

- For hot-swappable switches, ensure the switch is fully pressed into its socket and its pins are not bent.
- Clean any debris that might be under the keycap or around the switch.

7. SPECIFICATIONS

Feature	Detail
Model Number	MC-G98
Connectivity Technology	2.4GHz Wireless, Bluetooth, Wired (USB-C)
Keyboard Description	Mechanical
Number of Keys	98
Special Features	98% Layout, Backlit, Gasket Mounted, Hot-Swappable, Wireless
Keyboard Backlighting	RGB
Product Dimensions	14.2 x 5.5 x 1.5 inches
Item Weight	3.7 pounds
Batteries	2 Lithium Polymer batteries (included)
Compatible Devices	PC

8. WARRANTY AND SUPPORT

8.1 Warranty Information

MCHOSE products are manufactured to high quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official MCHOSE website. Keep your proof of purchase for warranty claims.

8.2 Customer Support

If you encounter any issues or have questions regarding your MCHOSE G98 keyboard that are not covered in this manual, please contact MCHOSE customer support. Contact information can typically be found on the product packaging, the official MCHOSE website, or through your retailer's support channels.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question