Machenike KG98

Machenike KG98 Tri-Mode Mechanical Gaming Keyboard User Manual

Model: KG98

Brand: Machenike

1. INTRODUCTION

The Machenike KG98 is a versatile mechanical gaming keyboard designed for various uses including work, gaming, and study. It features multi-device connectivity, hot-swappable switches, an ergonomic structure, and customizable RGB lighting. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance and user experience.

Figure 1: Machenike KG98 Mechanical Gaming Keyboard

2. WHAT'S IN THE BOX

Please verify that all items are present upon unboxing:

- Machenike KG98 Mechanical Keyboard
- Extra 2 Grey Pre-lubed Linear Switches
- Keycap Puller
- USB Cable (Type-A to Type-C)
- User Manual (this document)

Figure 2: Box Contents of the KG98 Keyboard

3. Setup

3.1 Connectivity Modes

The KG98 keyboard supports three connection modes: Wired (USB-C), 2.4G Wireless, and Bluetooth (BT5.0). A mode switch is located on the top-right side of the keyboard.

- **Wired Mode:** Connect the provided USB-C cable to the keyboard and your computer. The mode switch should be in the middle (USB) position.
- **2.4G Wireless Mode:** Locate the 2.4G USB dongle (usually stored magnetically on the keyboard's underside). Insert the dongle into your computer's USB port. Slide the mode switch to the bottom (2.4G) position. The keyboard will automatically connect.
- **Bluetooth Mode:** Slide the mode switch to the top (BT) position. On your device (computer, tablet, smartphone), search for Bluetooth devices and select 'Machenike KG98'. The keyboard's indicator light will flash blue during pairing.

3.2 Charging the Keyboard

The keyboard is equipped with an 8000mAh battery. To charge, connect the USB-C cable to the keyboard and

a power source (e.g., computer USB port, USB wall adapter). The indicator light will show charging status.

Multifunction Toggle Switch

Effortlessly adjust volume, mute with one press, and cycle through RGB lighting modes.

Figure 3: Connectivity and Multimedia Control Switches

Your browser does not support the video tag.

Video 1: Machenike KG98 Mechanical Keyboard Overview (Seller Content)

This video demonstrates the unboxing, various features, and connectivity options of the Machenike KG98 Mechanical Keyboard, including switch removal and typing sound tests.

4. OPERATING INSTRUCTIONS

4.1 Function Key Combinations

The KG98 keyboard utilizes the 'Fn' key for various secondary functions. Refer to the included user manual for a comprehensive list of Fn key combinations for both Windows and macOS, including multimedia controls, brightness adjustments, and system functions.

4.2 RGB Lighting Control

The keyboard features 16.8 million customizable RGB backlighting and dual-sided RGB light strips. Use the

following key combinations to adjust the lighting:

- **Fn + Shift:** Cycle through various RGB lighting effects.
- **Fn + Enter:** Change the solid color of the current lighting effect.
- **Fn + Up/Down Arrow:** Adjust backlight brightness (4 levels).
- **Fn + Left/Right Arrow:** Adjust animation speed (4 levels).
- **Fn + Page Up/Page Down:** Change side light strip color.
- **Fn + Home/End:** Change side light strip mode/speed.

Figure 4: Customizable RGB Backlighting

4.3 Multimedia and Volume Controls

A multi-functional toggle switch is located on the top-right of the keyboard, allowing for quick adjustments:

- **Rotate:** Adjust volume up or down.
- **Press:** Mute/unmute audio.
- **Press and Hold:** Cycle through RGB lighting modes.

5. Customization

5.1 Hot-Swappable Switches

The KG98 keyboard features hot-swappable sockets, allowing you to easily replace switches without soldering. This enables personalization of typing feel and sound. Use the included keycap puller and switch puller to remove and install switches. The keyboard supports both 3-pin and 5-pin switches.
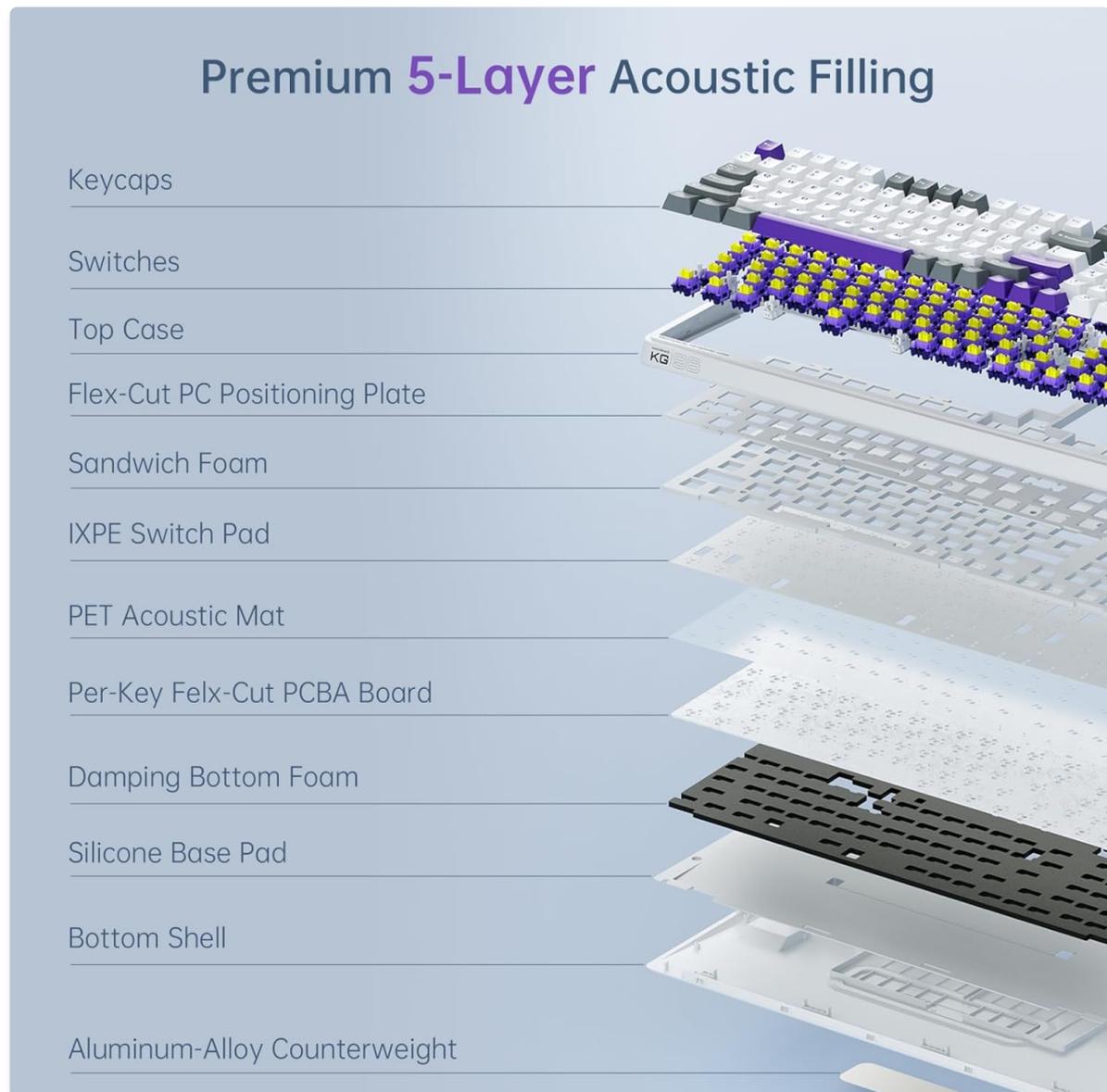

Premium 5-Layer Acoustic Filling

- Keycaps
- Switches
- Top Case
- Flex-Cut PC Positioning Plate
- Sandwich Foam
- IXPE Switch Pad
- PET Acoustic Mat
- Per-Key Felx-Cut PCBA Board
- Damping Bottom Foam
- Silicone Base Pad
- Bottom Shell
- Aluminum-Alloy Counterweight

Figure 5: Hot-Swappable Switches

5.2 Keycap Replacement

The keyboard comes with durable PBT keycaps. You can replace these with aftermarket keycaps of your choice to further customize the keyboard's aesthetics. Use the keycap puller to safely remove keycaps.

5.3 Software Customization

Download the official Machenike software to unlock advanced customization options, including:

- Key remapping for individual keys.
- Macro recording and assignment.
- Detailed RGB lighting effects and color customization.
- Adjusting debounce time and sleep settings.

6. SPECIFICATIONS

Model Number	KG98
Product Dimensions	16.61"L x 7.48"W x 2.16"H
Item Weight	3.39 pounds
Connectivity Technology	BT5.0 (Bluetooth), 2.4G Wireless, USB-C Wired
Keyboard Description	Gasket Wireless Mechanical Keyboard
Keyboard Backlighting	RGB
Battery	1 Lithium Ion battery (included)
Special Feature	Noise-canceling, Hot-swappable switches, Multi-functional switch
Compatible Devices	Gaming Console, Laptop, PC, Smartphone, Tablet

GR Silver Switch
Linear

Actuation Force
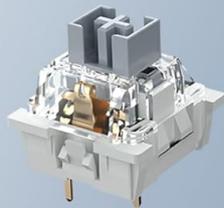**35±5gf**

Actuation Point
2.0±0.4mm

Lifespan
50 million keystrokes

Total Travel
3.3±0.3mm

Features: Smooth Linear Feel | Crisp Hi-Fi Sound

Kailh Deep Blue Switch
Linear

Actuation Force
45±5gf

Actuation Point
2.0±0.5mm

Lifespan
80 million keystrokes

Total Travel
3.6±0.4mm

Features: Factory-Lubed | Built-in Light-Guide Post | Gamer-Preferred

Purple-Gold Switch
Linear

Actuation Force
40±3gf

Actuation Point
1.5±0.3mm

Lifespan
80 million keystrokes

Total Travel
3.6±0.3mm

Features: POM Stem | Enhanced Hi-Fi Acoustics | High Translucency

Kailh Ice Cream Pro Max Switch

Actuation Force
45±10gf

Actuation Point
2.0±0.5mm

Lifespan
80 million keystrokes

Total Travel
4.0±0.3mm

Features: POM Housing | Water & Dust Resistant | 5-Pin Stability

7. MAINTENANCE

To ensure the longevity and optimal performance of your Machenike KG98 keyboard, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the keyboard with a soft, dry cloth. For deeper cleaning, remove keycaps using the provided puller and use compressed air to clear debris from between switches.
- **Avoid Liquids:** Do not expose the keyboard to liquids. If spills occur, immediately disconnect the keyboard and allow it to dry completely before re-using.
- **Storage:** Store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

If you encounter issues with your Machenike KG98 keyboard, try the following troubleshooting steps:

- **No Response:** Ensure the keyboard is properly connected in wired mode, or that the 2.4G dongle/Bluetooth is correctly paired and the mode switch is in the correct position. Check battery level.
- **Connectivity Issues:** For wireless modes, ensure the keyboard is within range of your device. Try re-pairing Bluetooth or re-inserting the 2.4G dongle.
- **RGB Lights Not Working:** Check brightness settings (Fn + Up Arrow). Ensure the lighting mode is active (Fn + Shift).
- **Keys Not Registering:** If individual keys are not working, try replacing the switch using the provided tools and extra switches.
- **Software Issues:** Ensure you have the latest version of the Machenike software installed. Restart your computer and the software.
- **Factory Reset:** If problems persist, you can perform a factory reset via the customization software.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact Machenike customer support through their official website or the contact details provided with your purchase. Keep your proof of purchase for warranty claims.