

- Manuals.plus /
- > Newmen /
 - > Newmen GM1000 Wireless Mechanical Gaming Keyboard User Manual

Newmen GM1000

Newmen GM1000 Wireless Mechanical Gaming Keyboard User Manual

Model: GM1000 (KB-958)
Brand: Newmen

1. INTRODUCTION

The Newmen GM1000 is a versatile mechanical gaming keyboard designed for a superior typing and gaming experience. It features triple-mode connectivity, allowing seamless switching between wireless 2.4Ghz, Bluetooth 5.0, and wired USB-C connections. With its 96% layout, it retains essential keys including a numeric keypad while maintaining a compact form factor. The keyboard boasts customizable RGB backlighting and hot-swappable switches, providing users with flexibility for personalization and maintenance.



Figure 1: Newmen GM1000 Mechanical Gaming Keyboard Overview.

2. WHAT'S IN THE BOX

Please check the contents of your Newmen GM1000 package. If any items are missing or damaged, please contact customer support.

- Newmen GM1000 Mechanical Gaming Keyboard
- USB-C Cable
- 2.4Ghz Wireless Receiver (USB Dongle)
- Keycap Puller
- Switch Puller
- Spare Switches (4 pieces, matching your keyboard's switch type)
- Dust Cover
- User Manual
- Wall Charger



Figure 2: Package Contents.

3. SETUP

3.1 Initial Charging

Before first use, it is recommended to fully charge the keyboard. Connect the provided USB-C cable to the keyboard's charging port and the other end to a USB power source (e.g., computer USB port, wall charger). The keyboard has a 3000mAh rechargeable battery.



Figure 3: Charging Port and Mode Switch.

3.2 Connecting the Keyboard

The Newmen GM1000 supports three connection modes: USB-C wired, 2.4Ghz wireless, and Bluetooth.



Figure 4: Triple Mode Connectivity.

USB-C Wired Connection:

1. Ensure the keyboard's mode switch (located on the side) is set to "USB".
2. Connect the USB-C cable to the keyboard and your computer's USB port.
3. The keyboard will be automatically recognized and ready for use.

2.4Ghz Wireless Connection:

1. Set the keyboard's mode switch to "2.4G".
2. Insert the 2.4Ghz USB receiver into an available USB port on your computer.
3. The keyboard should connect automatically. If not, press **Fn + R** to initiate pairing.

Bluetooth Connection:

The keyboard can connect to up to three Bluetooth devices.

1. Set the keyboard's mode switch to "Bluetooth".

2. Press and hold **Fn + Q**, **Fn + W**, or **Fn + E** for 3-5 seconds until the corresponding key (Q, W, or E) flashes rapidly. This indicates pairing mode.
3. On your device (laptop, PC, tablet, smartphone), enable Bluetooth and search for "Newmen GM1000".
4. Select the keyboard to pair. The key will stop flashing once connected.
5. To switch between paired Bluetooth devices, simply press **Fn + Q**, **Fn + W**, or **Fn + E** (short press).



Figure 5: Bluetooth Connectivity and Device Switching.

4. OPERATING INSTRUCTIONS

4.1 System Compatibility

The Newmen GM1000 is compatible with both Windows and Mac operating systems. To switch between modes, press **Fn + F11** for Windows mode or **Fn + F12** for Mac mode.

4.2 RGB Lighting Customization

The keyboard features 20 pre-set RGB backlight effects and allows for extensive customization.

- **Change Backlight Effect:** Press **Fn + PrtSc** (Print Screen key).
- **Adjust Backlight Speed:** Press **Fn + [** (decrease) or **Fn +]** (increase).
- **Adjust Backlight Brightness:** Press **Fn + Page Up** (increase) or **Fn + Page Down** (decrease).
- **Change Backlight Color:** Press **Fn + Enter**.



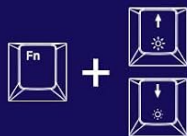
RGB Lighting 20 Backlit Effects



Backlit Speed



Backlit Effect



Backlit Brightness



Backlit Color

Figure 6: RGB Lighting Controls.

4.3 Hot-Swappable Switches

The Newmen GM1000 features hot-swappable sockets, allowing you to easily change mechanical switches without soldering. It is compatible with most 3-pin and 5-pin mechanical switches. This feature enables customization of typing feel and easy replacement of faulty switches.

Hot-Swappable Switch



PCB Support 3 Pin or 5 Pin Switch
Red/Blue/Brown Switch



Figure 7: Hot-Swappable Switch Design.

The keyboard comes with Gateron Pro switches, known for their durability and smooth performance. Common switch types include:

- **Brown Switches:** Tactile, non-clicky. Offer a noticeable bump without the loud click, suitable for both typing and gaming.
- **Red Switches:** Linear. Smooth and consistent keystroke without a tactile bump or audible click, preferred by many gamers for fast actuation.
- **Blue Switches:** Clicky and tactile. Provide a distinct tactile bump and an audible click sound, often favored by typists.



Figure 8: Gateron Switch Characteristics.

4.4 Ergonomics and Design

The GM1000 is designed with ergonomics in mind to reduce hand fatigue during extended use. It features adjustable double kickstand feet, allowing you to set the keyboard to a comfortable typing angle. The keycaps are curved to better conform to the shape of each finger, enhancing typing comfort.



Figure 9: Ergonomic Design with Adjustable Feet.

The keycaps are made of durable ABS material with double-shot molding, ensuring that the legends will not fade over time and allow the backlight to shine through clearly.



Figure 10: Double-Shot ABS Keycaps.

4.5 Anti-Ghosting

The Newmen GM1000 features N-key rollover (NKRO) with all keys non-conflict, meaning every keypress is registered accurately, even when multiple keys are pressed simultaneously. This is crucial for fast-paced gaming and typing.



Figure 11: Anti-Ghosting Feature.

5. SPECIFICATIONS

Feature	Description
Brand	Newmen
Model Number	KB-958 (GM1000)
Connectivity Technology	Bluetooth 5.0, 2.4Ghz Wireless, USB-C Wired
Keyboard Description	Mechanical Gaming Keyboard
Number of Keys	100 (96% Layout)

Feature	Description
Switch Type	Gateron Pro (Brown, Red, Blue options)
Hot-Swappable	Yes (3-pin and 5-pin compatible)
Backlighting	RGB (20 effects)
Keycap Material	Double-Shot ABS
Battery Capacity	3000mAh
Compatible Devices	Laptop, PC, Tablet, Smartphone (Mac/Win)
Item Weight	2.61 pounds (approx. 1.18 kg)
Package Dimensions	16.73 x 7.72 x 2.24 inches
Date First Available	October 15, 2022



Figure 12: Keyboard Dimensions.

6. MAINTENANCE

6.1 Cleaning the Keyboard

To maintain optimal performance and appearance, regularly clean your keyboard:

- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe down the keycaps and frame.
- For dust and debris between keys, use compressed air.
- For deeper cleaning, use the provided keycap puller to remove keycaps and clean the plate underneath.

6.2 Replacing Switches and Keycaps

Thanks to the hot-swappable design, you can easily replace switches and keycaps:

- **Removing Keycaps:** Use the keycap puller to gently pull keycaps straight up.
- **Removing Switches:** Use the switch puller to grasp the top and bottom clips of the switch and pull it straight up.
- **Installing Switches:** Align the pins of the new switch with the holes on the PCB. Gently push the switch down until it clicks into place. Ensure pins are not bent.
- **Installing Keycaps:** Align the keycap with the switch stem and press down firmly until it is seated.

7. TROUBLESHOOTING

If you encounter issues with your Newmen GM1000 keyboard, refer to the following common solutions:

Problem	Possible Solution
Keyboard not responding (Wired)	<ul style="list-style-type: none">◦ Ensure the mode switch is set to "USB".◦ Try a different USB port on your computer.◦ Try a different USB-C cable.◦ Restart your computer.
2.4Ghz wireless not connecting	<ul style="list-style-type: none">◦ Ensure the mode switch is set to "2.4G".◦ Ensure the USB receiver is securely plugged into a USB port.◦ Press Fn + R to re-pair the keyboard with the receiver.◦ Move the keyboard closer to the receiver.
Bluetooth connection issues	<ul style="list-style-type: none">◦ Ensure the mode switch is set to "Bluetooth".◦ Ensure Bluetooth is enabled on your device.◦ Press and hold Fn + Q/W/E for 3-5 seconds to enter pairing mode.◦ Forget the device on your computer/tablet/phone and re-pair.◦ Ensure the keyboard is charged.
RGB lighting not working or stuck	<ul style="list-style-type: none">◦ Check brightness settings (Fn + Page Up/Down).◦ Try changing the effect (Fn + PrtSc).◦ Ensure the keyboard is powered on.◦ If using custom software, ensure settings are applied correctly.
Keys unresponsive or "ghosting"	<ul style="list-style-type: none">◦ Ensure the keyboard is fully charged.◦ For wireless modes, ensure it's within range and there's no interference.◦ If a specific key is unresponsive, try replacing its switch using the provided tools and spare switches.◦ Clean under the keycap.
Keyboard not recognized by Mac/Windows	<ul style="list-style-type: none">◦ Ensure the correct system mode is selected (Fn + F11 for Windows, Fn + F12 for Mac).◦ Try updating your computer's drivers.

8. WARRANTY AND SUPPORT

Newmen products are designed and manufactured to the highest quality standards. For information regarding warranty coverage, technical support, or service inquiries, please refer to the official Newmen website or contact their customer support directly. You can visit the official Newmen store on Amazon for more information and support: [Newmen Store](#).

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