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NEWMEN GM711

NEWMEN GM711 Gaming Keyboard User Manual

Model: GM711

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your NEWMEN GM711 Gaming Keyboard. Designed for an enhanced gaming and typing experience, the GM711 features a full-size layout, RGB backlighting, hot-swappable mechanical switches, and dedicated multimedia controls.

Please read this manual thoroughly before using the keyboard to ensure optimal performance and longevity.

2. HARDWARE REQUIREMENTS

- A PC compatible machine (Desktop or Laptop)
- Available USB port
- Operating System: Windows or Mac

3. KEY FEATURES

- **Full Key Anti-Ghosting:** Ensures every keystroke is registered accurately, even during intense gaming sessions.
- **Double Injection Durable Keycaps:** Provides long-lasting legends that won't fade.
- **LED Light Belt Surround:** A vibrant RGB light stripe encircles the keyboard for enhanced aesthetics.
- **RGB Backlit:** Customizable per-key backlighting with multiple modes.
- **Hot-Swappable Switches:** Easily change mechanical switches without soldering, allowing for personalized typing feel and easy maintenance.
- **Multimedia Control Knob:** An independent knob for convenient volume adjustment.
- **Macro Recording and Assignment:** Program custom macros and assign combo keys using the dedicated driver software (if applicable).



Figure 3.1: Overview of the NEWMEN GM711 Gaming Keyboard showcasing its full layout and RGB lighting.

Full 104 Key Keyboard



Figure 3.2: The full 104-key layout of the GM711 keyboard, emphasizing its 100% anti-ghosting capability.

4. SETUP

1. **Unpack the Keyboard:** Carefully remove the keyboard and any accessories from the packaging.
2. **Connect to Computer:** Plug the USB cable of the NEWMEN GM711 keyboard into an available USB port on your PC or Mac.
3. **Driver Installation (Automatic):** The keyboard is plug-and-play. Your operating system (Windows or Mac) will automatically detect and install the necessary drivers. No manual driver installation is typically required for basic functionality.
4. **Optional Software:** For advanced customization, such as macro recording and detailed RGB effects, please refer to the manufacturer's website for any available software.

5. OPERATING INSTRUCTIONS

5.1 FN (Function) Key Combinations

The FN key (Function key) allows access to various multimedia and lighting controls when pressed in combination with other keys.

- **FN + INS:** Switch between different backlight modes.
- **FN + 1:** Activate Gaming backlight mode 1.
- **FN + 2:** Activate Gaming backlight mode 2.
- **FN + 3:** Activate Gaming backlight mode 3.
- **FN + 4:** Activate Gaming backlight mode 4.
- **FN + 5:** Activate Gaming backlight mode 5.
- **FN + Home:** Customize gaming backlight mode. Press FN + Home to begin recording key colors one by one. The "Numlock", "Capslock", and "Scrolllock" indicator lights will breathe during recording. Press FN + Home again to save your customized lighting.
- **FN + ESC:** Restore lighting effects to factory default settings.
- **FN + Del:** Switch RGB backlight color.
- **FN + ← / →:** Adjust backlight speed (left arrow for slower, right arrow for faster).
- **FN + ↑ / ↓:** Adjust backlight brightness (up arrow for brighter, down arrow for dimmer).
- **FN + PrtScr:** Turn off the backlight function. Pressing any arbitrary backlight mode key combination will restore the backlight.

Customizable RGB

- Full Surround Backlit
- Effect Customizable
- Keycap Backlit

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Figure 5.1: The customizable RGB lighting features of the GM711, including full surround and keycap backlighting.

5.2 Multimedia Control Knob

The dedicated knob located on the top right of the keyboard provides quick and easy control over media volume.

- **Rotate Knob Clockwise:** Increase volume.
- **Rotate Knob Counter-clockwise:** Decrease volume.
- **Press Knob:** Mute/Unmute audio.

Volume Knob

Independent media controller



Figure 5.2: The independent multimedia control knob for volume adjustment.

6. MAINTENANCE

6.1 Cleaning the Keyboard

- **General Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe down the keycaps and keyboard surface. Avoid excessive moisture.
- **Dust Removal:** Use compressed air to remove dust and debris from between the keycaps.
- **Deep Cleaning:** For thorough cleaning, keycaps can be removed using a keycap puller (not included unless specified in packaging). Clean the keycaps separately and wipe the keyboard plate. Ensure all parts are completely dry before reassembling.

6.2 Hot-Swappable Switch Replacement

The NEWMEN GM711 features hot-swappable switches, allowing for easy replacement or customization without soldering.

1. **Power Off:** Disconnect the keyboard from your computer before attempting to remove or install switches.
2. **Remove Keycap:** Use a keycap puller to gently remove the keycap from the switch you wish to replace.
3. **Remove Switch:** Use the provided switch puller tool. Align the prongs of the switch puller with the two clips on the top and bottom of the switch. Squeeze the clips and gently pull the switch straight up.
4. **Insert New Switch:** Align the pins of the new switch with the holes on the keyboard PCB. Ensure the pins are straight. Gently push the switch straight down until it clicks into place. Do not force it.
5. **Reattach Keycap:** Place the keycap back onto the new switch.



Figure 6.1: Illustration of removing a hot-swappable key switch.



Figure 6.2: Illustration of inserting a hot-swappable key switch.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Keyboard not responding	Loose USB connection; Driver issue; Faulty USB port.	Ensure USB cable is securely plugged in. Try a different USB port. Restart your computer.
Backlight not working or flickering	Backlight turned off; Brightness set to minimum; Software glitch.	Press FN + PrtScr to toggle backlight. Adjust brightness with FN + ↑ / ↓ . Reset lighting effects with FN + ESC .
Specific keys not registering	Debris under keycap; Faulty switch.	Remove keycap and clean area. If issue persists, consider replacing the hot-swappable switch (refer to Section 6.2).

Problem	Possible Cause	Solution
Anti-ghosting not working	Software conflict; System overload.	Ensure no conflicting software is running. Restart your computer. The keyboard features 100% anti-ghosting at a hardware level.

8. SPECIFICATIONS

- **Brand:** NEWMEN
- **Model:** GM711
- **Product Dimensions:** 43.18 x 12.7 x 2.54 cm
- **Item Weight:** 907 g
- **Operating System Compatibility:** Mac, Windows
- **Hardware Platform:** Laptop, PC
- **Special Features:** Backlit, Hot-Swappable Switches, Multimedia Control Knob, Anti-Ghosting
- **Power Source:** Corded Electric (USB)
- **Keyboard Description:** Gaming Mechanical Keyboard
- **Connector Type:** Wired USB
- **Material:** Plastic
- **Country of Origin:** China

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official NEWMEN website or contact your retailer. Keep your purchase receipt as proof of purchase for any warranty claims.

