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## Newmen GM611

# Newmen GM611 Mechanical Keyboard User Manual

**Model:** GM611

**Brand:** Newmen

## 1. INTRODUCTION

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Thank you for choosing the Newmen GM611 Mechanical Keyboard. This compact 60% layout keyboard is designed for both gaming and typing, offering a blend of performance, customization, and portability. This manual provides detailed instructions on setting up, operating, and maintaining your keyboard to ensure optimal performance and longevity.

## 2. KEY FEATURES

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### 2.1. Compact 60% Layout

The Newmen GM611 features a highly compact 60% layout, which optimizes desktop space without sacrificing essential functionality. This design is ideal for users who prefer a minimalist setup or require portability.



Figure 2.1: The compact 61-key layout of the Newmen GM611, shown next to a standard full-size keyboard for size comparison.

## 2.2. Mechanical Red Switches

Equipped with linear red mechanical switches, the GM611 provides a quiet click sound and fast action with minimal resistance, making it suitable for both rapid gaming inputs and comfortable typing.

# Mechanical Red Switch

Quiet click sound, fast action with small resistance.



Figure 2.2: Detail of the mechanical red switches, highlighting their quiet and responsive nature.

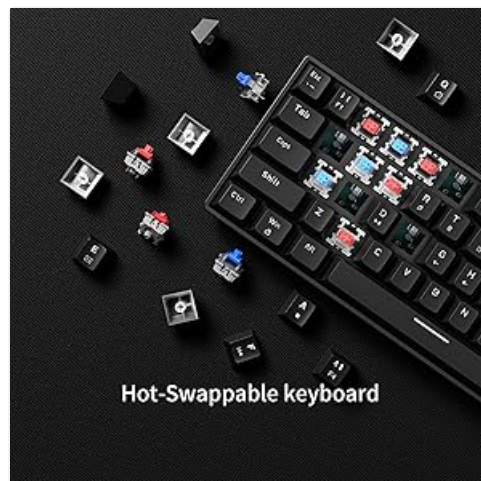


Figure 2.3: The hot-swappable design allows for easy replacement or customization of switches.

## 2.3. LED Rainbow Backlighting

Experience vibrant visuals with 19 LED rainbow backlight effects. The backlighting offers 4 brightness levels and 5 lighting speed levels, allowing for personalized ambiance and improved visibility in various lighting conditions. The keycaps are upgraded with double-color injection molding for transparent and luminous characters.



Figure 2.4: The keyboard illuminated with its dynamic rainbow LED backlighting.



Figure 2.5: Double shot keycaps ensure character longevity and clear backlighting.

## 2.4. N-Key Rollover & Anti-Ghosting

The keyboard supports N-key rollover and anti-ghosting technology, ensuring that every keystroke is registered accurately, even during intense, rapid input sequences. This provides a significant advantage in gaming and ensures precision in typing.

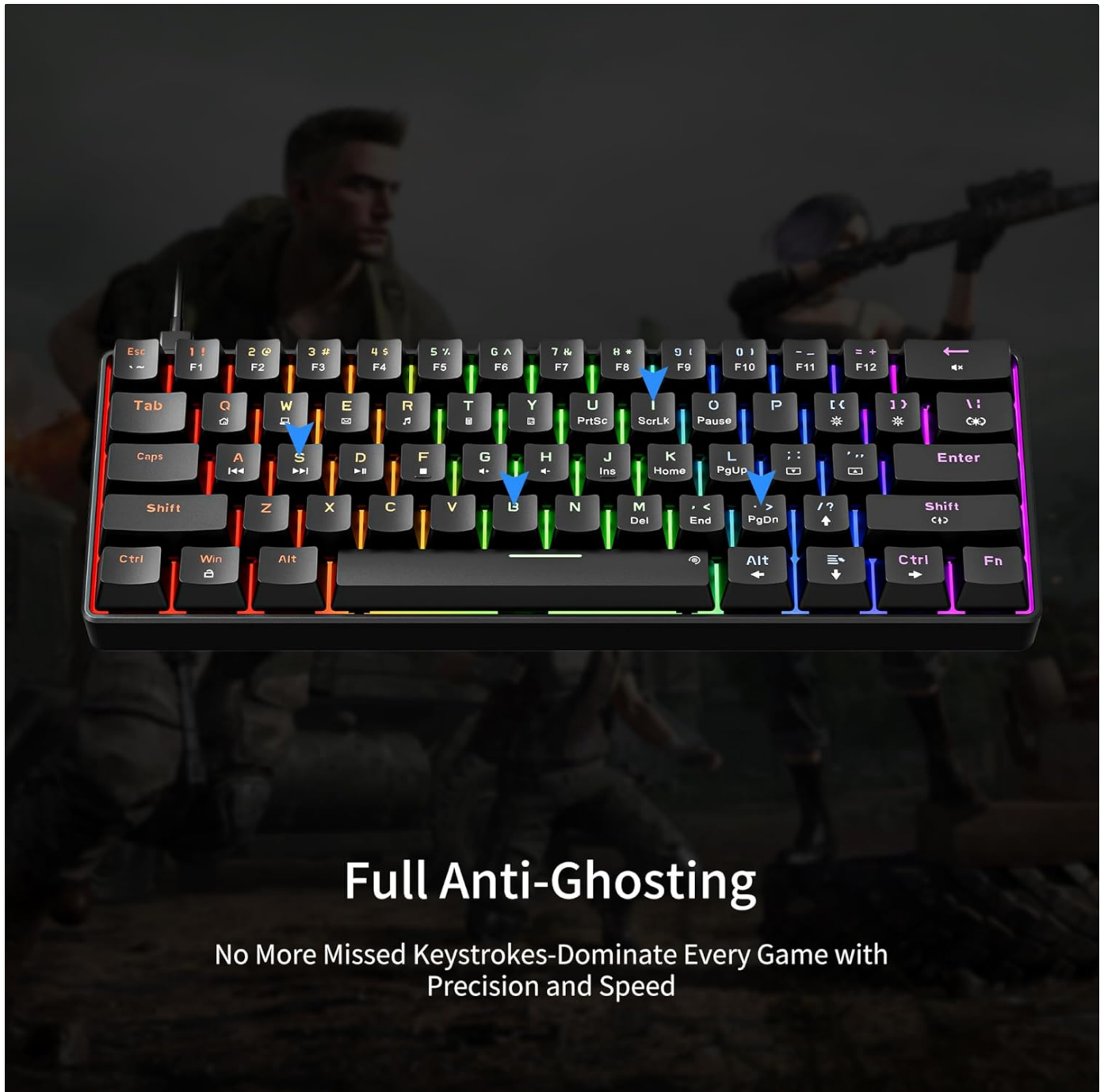


Figure 2.6: Visual representation of full anti-ghosting, ensuring all simultaneous key presses are registered.

## 2.5. Multimedia Capabilities & Portability

Integrated multimedia keys provide quick access to volume and playback functions. The detachable USB-C data cable enhances portability, making the keyboard easy to transport and set up wherever you go.



## Detachable Type-C Cable

Plugs into the keyboard and is ready to use

Figure 2.7: The detachable Type-C cable for easy connection and portability.

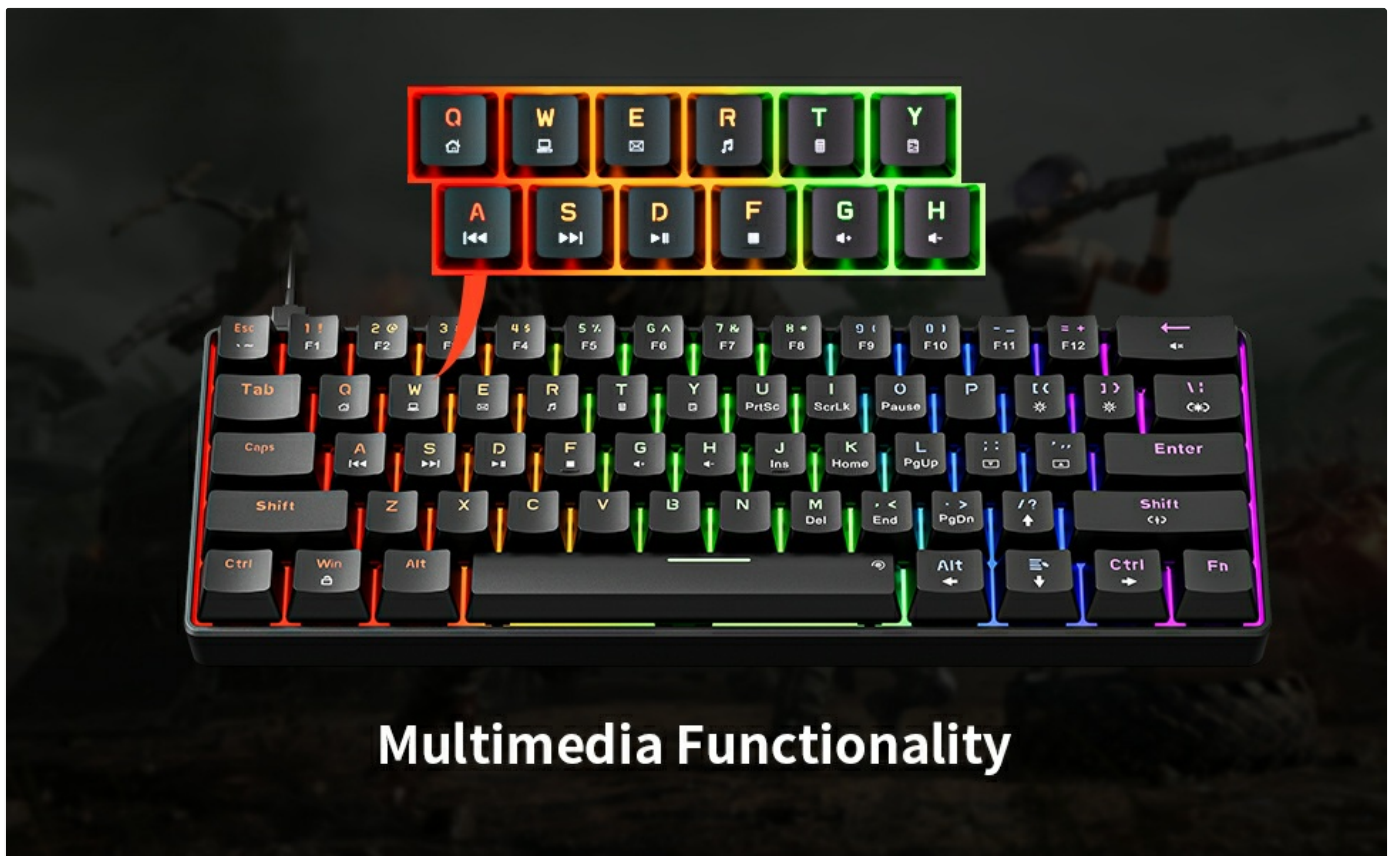


Figure 2.8: Multimedia functionality accessible via key combinations.

## 2.6. Software Customization

The Newmen GM611 supports software customization, allowing users to set custom macros and key bindings. This feature provides full control over keyboard functions, optimizing workflow and enhancing gaming performance.



Figure 2.9: The custom software interface for advanced keyboard settings.

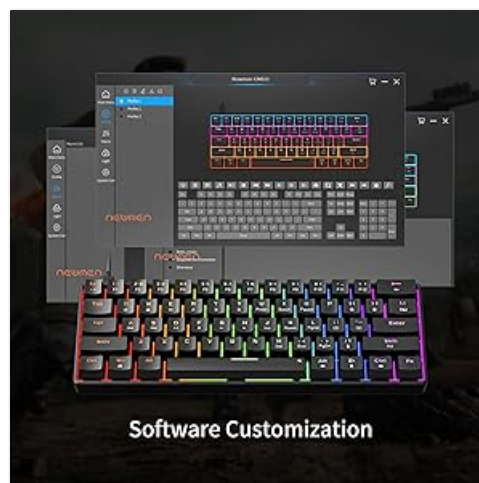


Figure 2.10: Software customization options for macros and key bindings.

### 3. SETUP GUIDE

### 3.1. Package Contents

Before you begin, ensure all items are present in the package:

- 1 x Newmen GM611 Mechanical Keyboard
- 1 x USB Type-C Cable
- 1 x User Manual



Figure 3.1: Contents included in the Newmen GM611 package.

### 3.2. Connecting the Keyboard

1. Locate the USB Type-C port on the back of the Newmen GM611 keyboard.
2. Connect one end of the provided USB Type-C cable to the keyboard.
3. Connect the other end of the USB cable to an available USB port on your computer (PC or Laptop).
4. The keyboard is plug-and-play and should be automatically recognized by your operating system.

### 3.3. Adjusting Tilt Legs

For ergonomic comfort, you can adjust the height and angle of your keyboard using the foldable tilt legs located on the underside.



## Foldable tilt Legs

Adjust the height and angle of your keyboard to find the most comfortable posture for yourself

Figure 3.2: Foldable tilt legs for adjusting keyboard angle.

## 4. OPERATING INSTRUCTIONS

### 4.1. Basic Key Functions

The Newmen GM611 is a 61-key keyboard. Most keys function as standard. For keys with secondary functions (indicated by symbols on the keycap), use the **Fn** key.

### 4.2. Fn Key Combinations

The **Fn** key (located at the bottom right) is crucial for accessing the full functionality of the 60% layout. Hold down the **Fn** key and press the desired key to activate its secondary function.

Table 4.1: Common Fn Key Combinations

Combination	Function
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Combination	Function
Fn + 1-0 (top row)	F1-F10 keys
Fn + - =	F11, F12 keys
Fn + P, [, ]	Print Screen, Scroll Lock, Pause Break
Fn + I, O, K, L	Insert, Home, Page Up, Page Down
Fn + M, <, >, ?	Delete, End, Arrow Keys (Left, Down, Right, Up)
Fn + A, S, D, F	Multimedia Controls (Previous Track, Play/Pause, Next Track, Stop)
Fn + Q, W, E, R	Volume Controls (Mute, Volume Down, Volume Up, Calculator)

### 4.3. Backlight Control

Control the LED rainbow backlighting using the following Fn key combinations:

- **Fn + \|**: Cycle through 19 different backlight effects.
- **Fn + ;**: Decrease backlight brightness (4 levels).
- **Fn + '**: Increase backlight brightness (4 levels).
- **Fn + ,**: Decrease backlight speed (5 levels).
- **Fn + .**: Increase backlight speed (5 levels).

### 4.4. Software Customization

For advanced customization, download the official Newmen GM611 software from the Newmen website. The software allows you to:

- Create and assign custom macros.
- Remap individual keys.
- Further customize lighting effects beyond the onboard controls.
- Save multiple profiles for different applications or games.

## 5. MAINTENANCE

Proper maintenance will extend the life of your Newmen GM611 keyboard:

- **Cleaning:** Use a soft, dry cloth to wipe down the keyboard surface. For deeper cleaning, use a can of compressed air to remove dust and debris from between the keycaps. If necessary, gently remove keycaps (using a keycap puller, not included) and clean the switches and plate with a soft brush.
- **Avoid Liquids:** Do not expose the keyboard to liquids. In case of spills, immediately disconnect the keyboard from your computer and allow it to dry completely before reconnecting.
- **Storage:** When not in use for extended periods, store the keyboard in a dry, cool place away from direct sunlight.

## 6. TROUBLESHOOTING

**Table 6.1: Common Troubleshooting Steps**

Issue	Solution
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Issue	Solution
Keyboard not responding	Ensure the USB-C cable is securely connected to both the keyboard and the computer. Try a different USB port or a different USB-C cable. Restart your computer.
Backlight not working or stuck	Check backlight brightness settings using Fn + ; / '. Cycle through backlight modes using Fn + \ . Ensure the keyboard is properly powered.
Certain keys not registering	Clean the affected key and switch area. If switches are hot-swappable, try reseating or replacing the switch. Ensure N-key rollover is active (usually default).
Software not detecting keyboard	Ensure the keyboard is connected directly to a USB port (avoiding hubs if possible). Reinstall the keyboard software. Check for software updates.
Keyboard input lag	Ensure your computer's drivers are up to date. Close any background applications that might be consuming system resources. Try a different USB port.

## 7. SPECIFICATIONS

**Table 7.1: Newmen GM611 Technical Specifications**

Feature	Detail
Model Number	GM611
Keyboard Description	Mechanical
Number of Keys	61
Switch Type	Linear Red Switches
Backlight	LED Rainbow (19 effects, 4 brightness, 5 speed levels)
Connectivity Technology	Wired (USB-C)
Compatible Devices	PC, Laptop (Windows)
Color	Black keycaps/Red switch
Material	Plastic
Item Weight	1.28 pounds
Package Dimensions	12.36 x 5.24 x 1.73 inches
Country of Origin	China

## 8. WARRANTY AND SUPPORT

Newmen products are manufactured to the highest quality standards. This product comes with a standard manufacturer's warranty. For detailed warranty information, product support, or technical assistance, please visit the official Newmen website or contact Newmen customer service directly. Please retain your proof of purchase for warranty claims.

**Newmen Official Website:** [Visit the Newmen Store on Amazon](#)

