

## GLORIOUS GMMK Compact

# Glorious GMMK Compact Mechanical Keyboard User Manual

**Brand:** GLORIOUS  
**Model:** GMMK Compact

## 1. INTRODUCTION AND OVERVIEW

The Glorious GMMK Compact is a 60% mechanical keyboard designed for customization and performance. It features hot-swappable switch sockets, allowing users to easily change mechanical switches without soldering. The keyboard includes per-key 16.8 million RGB lighting, customizable via software or onboard hotkeys. Its durable construction includes a full aluminum metal top plate and an ABS plastic bottom plate. The standard ANSI layout ensures compatibility with a wide range of third-party keycaps.

This keyboard comes with pre-installed Gateron Brown Tactile Mechanical switches, offering a balanced typing experience suitable for both office and gaming environments. The switches are backlit RGB SMD LED compatible, enhancing the visibility and aesthetic of the ABS keycaps.



## 2. WHAT'S IN THE BOX

Upon unboxing your Glorious GMMK Compact Mechanical Keyboard, you should find the following items:

- Glorious GMMK Compact Mechanical Keyboard
- USB-C to USB-A Braided Cable
- Keycap Puller
- Switch Puller (integrated into the keyboard's underside)
- Additional Keycaps (e.g., standard Escape and Windows keys)
- Extra Rubber Grips



Figure 2: Keyboard with its braided USB-C cable

## 3. SETUP GUIDE

Follow these steps to set up your Glorious GMMK Compact Mechanical Keyboard:

1. **Connect the Cable:** Insert the USB-C end of the braided cable into the port on the top-left side of the keyboard. Connect the USB-A end to an available USB port on your computer or gaming console.
2. **Initial Power-On:** The keyboard's RGB lighting will illuminate in a default pattern upon successful connection, indicating it is powered on and recognized by your system.
3. **Install Software (Optional but Recommended):** For full customization of RGB lighting, key remapping, and macro creation, download the Glorious GMMK software from the official Glorious PC Gaming Race website.
4. **Adjust Ergonomics:** Utilize the built-in flip-out stands on the underside of the keyboard to adjust the typing angle for a more comfortable experience.



Figure 3: Underside of the keyboard with adjustable stands

## 4. OPERATING INSTRUCTIONS

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The GMMK Compact functions as a standard QWERTY keyboard. Many advanced features and RGB patterns can be controlled directly from the keyboard using hotkeys, typically involving the 'Fn' key in combination with other keys. Refer to the quick start guide included in the box or the Glorious website for a detailed list of hotkey commands.



Figure 4: Top-down view of the keyboard in operation

## 5. CUSTOMIZATION

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### 5.1. Hot-Swappable Switches

The GMMK Compact features hot-swappable switch sockets, allowing you to change mechanical switches without soldering. This keyboard is compatible with 3-pin mechanical switches from brands like Cherry, Gateron, and Kailh.

1. **Remove Keycap:** Use the provided keycap puller to gently remove the desired keycap.
2. **Remove Switch:** Use the switch puller (located on the underside of the keyboard) to carefully grip and pull the switch straight up from its socket.
3. **Install New Switch:** Align the pins of the new 3-pin mechanical switch with the holes in the PCB. Press the switch firmly until it clicks into place. Ensure pins are not bent.
4. **Replace Keycap:** Place the keycap onto the new switch stem and press down gently.



Figure 5: A Gateron Brown mechanical switch



Figure 6: Keyboard PCB showing hot-swappable switch sockets

## 5.2. Keycap Swapping

You can easily swap out keycaps to personalize your keyboard. The GMMK Compact uses a standard ANSI layout, making it compatible with most third-party keycap sets.

1. **Remove Keycap:** Use the keycap puller to grip the keycap and pull it straight up.
2. **Install New Keycap:** Align the new keycap with the switch stem and press down firmly until it is seated.



Figure 7: RGB LED keycap detail

## 5.3. RGB Lighting Customization

The keyboard features per-key 16.8 million RGB lighting. You can customize lighting effects and colors using the

Glorious GMMK software or through onboard hotkeys. Consult the quick start guide for specific hotkey combinations to cycle through effects, adjust brightness, and change colors.

Video 1: GMMK Black All Size Side-by-Side RGB ON - Demonstrates various RGB lighting effects on the keyboard.

Video 2: GMMK Compact (Black) Sound Test - Gateron Brown Switches - Provides an audio demonstration of the Gateron Brown switches.

## 6. MAINTENANCE

Regular maintenance helps prolong the life and performance of your keyboard.

- **General Cleaning:** Use a soft brush or compressed air to remove dust and debris from between the keycaps. Wipe the surface with a slightly damp, lint-free cloth.
- **Deep Cleaning (Keycaps):** For thorough cleaning, remove the keycaps using the keycap puller and wash them with mild soap and water. Ensure they are completely dry before reattaching.
- **Deep Cleaning (Switches):** If switches become dirty or sticky, they can be removed using the switch puller for individual cleaning or replacement.

## 7. TROUBLESHOOTING

If you encounter issues with your GMMK Compact keyboard, try the following troubleshooting steps:

- **Keyboard Not Responding:** Ensure the USB-C cable is securely connected to both the keyboard and your computer. Try connecting to a different USB port or a different computer to rule out port or system issues.
- **RGB Lighting Issues:** If RGB lighting is not functioning correctly, check the settings in the Glorious GMMK software. You can also try resetting the RGB patterns using the onboard hotkeys (refer to your quick start guide).
- **Keys Not Registering:** If a specific key is not working, gently remove its keycap and switch. Re-insert the switch firmly to ensure it is properly seated in the hot-swap socket. If the issue persists, consider replacing the switch.
- **Software Not Detecting Keyboard:** Ensure you have the latest version of the Glorious GMMK software installed. Restart your computer and try reconnecting the keyboard.

For further assistance, visit the Glorious PC Gaming Race official website for detailed FAQs, firmware updates, and customer support resources.

## 8. SPECIFICATIONS

|                        |                                       |
|------------------------|---------------------------------------|
| <b>Model Number</b>    | GMMK-COMPACT-BRN                      |
| <b>Keyboard Layout</b> | 61 Key Standard QWERTY (ANSI)         |
| <b>Switch Type</b>     | Tactile (Gateron Brown pre-installed) |
| <b>Connectivity</b>    | Wired (USB-C)                         |
| <b>Backlighting</b>    | Per-key 16.8 Million RGB LED          |
| <b>Polling Rate</b>    | 1000 Hz                               |
| <b>Cable Length</b>    | 6 ft. Braided (Removable)             |
| <b>Keycaps</b>         | ABS Doubleshot Injection              |

|                                     |                                             |
|-------------------------------------|---------------------------------------------|
| <b>Dimensions (L x W x H)</b>       | 11.5" x 4.1" x 1.4"                         |
| <b>Weight</b>                       | 816 Grams                                   |
| <b>Enclosure Material</b>           | Aluminum, ABS Plastic                       |
| <b>Compatible Operating Systems</b> | Windows, MacOS, Linux                       |
| <b>Compatible Devices</b>           | PC, Laptop, Gaming Console (PS4, PS5, XBOX) |

## 9. WARRANTY AND SUPPORT

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The Glorious GMMK Compact Mechanical Keyboard comes with a 1-Year Limited Manufacturer Warranty. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, firmware updates, or to access the latest software, please visit the official Glorious PC Gaming Race website. Their support resources include FAQs, troubleshooting guides, and contact information for direct assistance.