Glorious GMMK-TKL-BRN

Glorious GMMK TKL Modular Mechanical Gaming Keyboard User Manual

Model: GMMK-TKL-BRN

Introduction

Welcome to the user manual for your Glorious GMMK TKL Modular Mechanical Gaming Keyboard. This guide provides essential information for setting up, operating, maintaining, and troubleshooting your keyboard. The GMMK TKL features a tenkeyless (87-key) layout, hot-swappable switches, RGB LED backlighting, and a durable aluminum faceplate.



Image: Top view of the Glorious GMMK TKL Modular Mechanical Gaming Keyboard, showcasing its 87-key layout and RGB backlighting.

Package Contents

Ensure all items are present in your package:

- Glorious GMMK TKL Modular Mechanical Gaming Keyboard
- USB Cable (Braided, Removable)
- Keycap Puller
- Switch Puller

Setup

1. **Unpack the Keyboard:** Carefully remove the keyboard and accessories from the packaging.
2. **Connect the USB Cable:** Insert the USB-C end of the braided cable into the port on the back of the keyboard. Connect the USB-A end to an available USB port on your computer (PC or Mac compatible).
3. **Initial Power On:** The keyboard should light up automatically upon connection.
4. **Driver Installation (Optional):** For advanced customization of RGB lighting and key assignments, download the Glorious software from the official Glorious PC Gaming Race website.

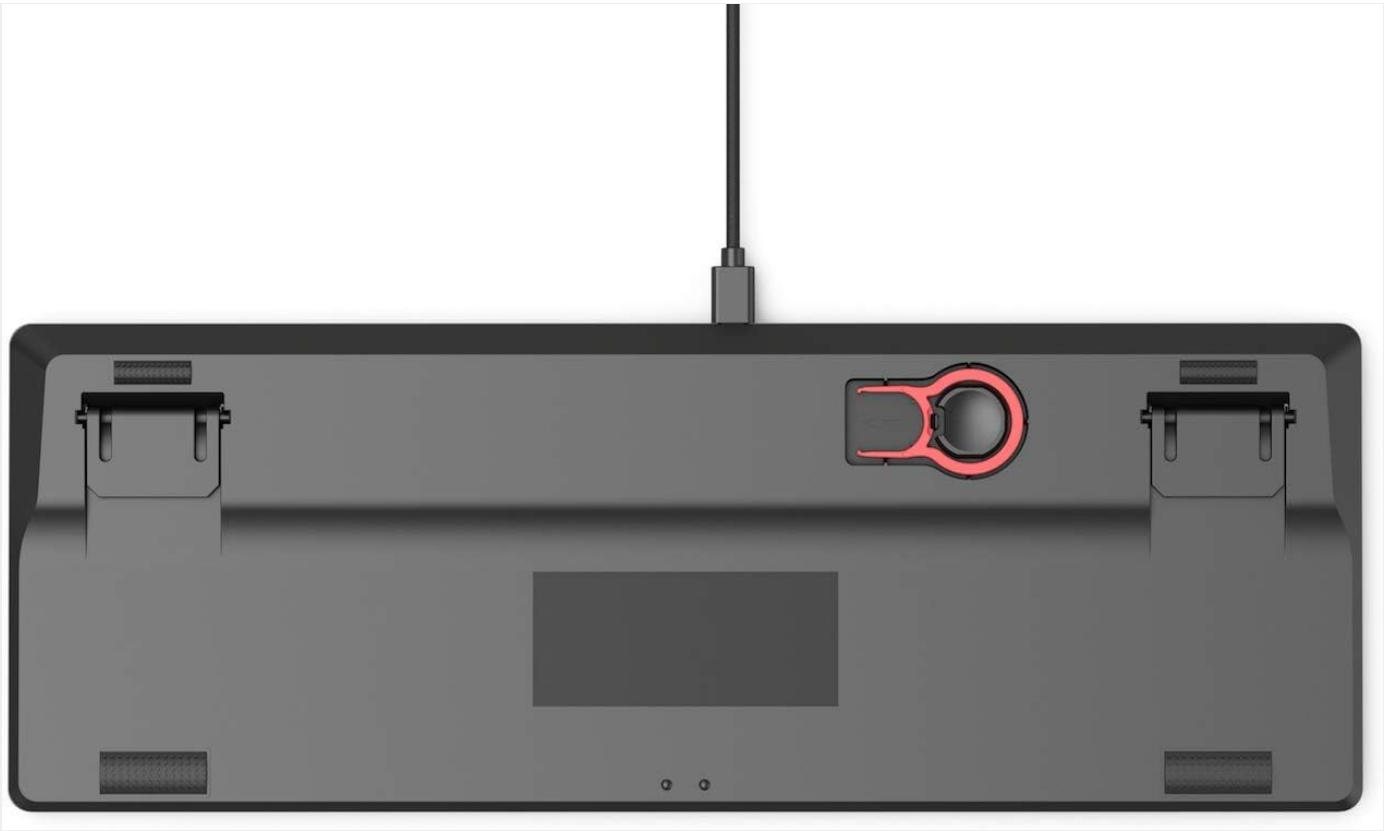


Image: Bottom view of the Glorious GMMK TKL keyboard, showing the USB-C port and cable routing channels.

Operating Instructions

Basic Functions

- **Typing:** Standard QWERTY layout for general use.
- **N-Key Rollover (NKRO):** Supports simultaneous key presses without ghosting.

RGB LED Backlighting Control

The GMMK TKL features 16.8 million color RGB LED backlighting with various adjustable effects.

- **Brightness Adjustment:** Use specific key combinations (refer to software or quick start guide for exact keys, typically Fn + Arrow Up/Down).

- **Effect Cycling:** Cycle through different lighting effects (typically Fn + specific F-keys or other designated keys).
- **Color Selection:** Some effects allow for color customization via software.

Hotkeys and Media Keys

The keyboard includes dedicated hotkeys and media keys for convenience. These are often accessed using the **Fn** key in combination with the F1-F12 keys.

Common Hotkey Functions

Key Combination	Function
Fn + F1	My Computer
Fn + F2	Web Browser
Fn + F3	Calculator
Fn + F4	Media Player
Fn + F5	Previous Track
Fn + F6	Next Track
Fn + F7	Play/Pause
Fn + F8	Stop
Fn + F9	Mute
Fn + F10	Volume Down
Fn + F11	Volume Up
Fn + F12	Email

Maintenance

Cleaning

- **Keycaps:** Use the provided keycap puller to carefully remove keycaps. Clean with a soft, damp cloth or a mild cleaning solution. Ensure keycaps are completely dry before reattaching.
- **Keyboard Surface:** Wipe the aluminum faceplate with a soft, dry, or slightly damp cloth. Avoid abrasive cleaners.
- **Between Keys:** Use compressed air to remove dust and debris from between the switches.

Switch Replacement (Hot-Swappable Feature)

The GMMK TKL allows for easy replacement of mechanical switches without soldering. This feature supports Cherry, Gateron, and Kailh branded switches.

1. **Remove Keycap:** Use the keycap puller to gently remove the desired keycap.
2. **Remove Switch:** Use the switch puller to grip the top and bottom clips of the switch. Gently pull the switch straight up to remove it from the PCB.
3. **Insert New Switch:** Align the pins of the new switch with the holes on the PCB. Ensure the pins are straight. Gently push the switch down until it clicks into place. Do not force it; bent pins can damage the PCB.
4. **Reattach Keycap:** Place the keycap onto the new switch stem and press down firmly.



Image: Illustration demonstrating the process of removing a mechanical switch from the keyboard PCB using a switch puller.



Image: Illustration demonstrating the process of inserting a new mechanical switch into the keyboard PCB, ensuring proper pin alignment.

Troubleshooting

Common Issues and Solutions

Problem	Solution
Keyboard not responding	◦ Ensure the USB cable is securely connected to both the keyboard and the computer. ◦ Try a different USB port on your computer. ◦ Test the keyboard on another computer if possible. ◦ Restart your computer.
RGB lighting not working or incorrect	◦ Check brightness settings using keyboard shortcuts (e.g., Fn + Arrow Up). ◦ Ensure Glorious software is installed and updated. ◦ Reset keyboard settings via the software or a factory reset key combination (refer to Glorious support for specific instructions).
Specific key not registering	◦ Carefully remove the keycap and switch for the affected key. ◦ Inspect the switch pins for any bends or damage. Straighten gently if bent. ◦ Reinsert the switch firmly. If the issue persists, try replacing the switch with a known working one. ◦ Clean any debris from the switch socket.

Specifications

- **Model:** GMMK-TKL-BRN

- **Layout:** Tenkeyless (87-Key) Standard QWERTY (ANSI)
- **Switches:** Gateron Brown (pre-installed), Hot-swappable (compatible with Cherry, Gateron, Kailh)
- **Anti-Ghosting:** 100% Anti-Ghosting
- **N-Key Rollover:** NKRO/6KRO
- **Polling Rate:** 1000 Hz
- **Backlight:** 16.8 Million Color RGB LED
- **Cable:** 6 ft. Braided, Removable USB-C
- **Keycaps:** ABS Doubleshot Injection
- **Material:** Sandblasted Aluminum Faceplate
- **Dimensions (L x W x H):** 14 x 5.1 x 1.4 inches
- **Item Weight:** 1.5 pounds
- **Compatible Devices:** PC, MAC

Warranty and Support

Glorious provides a **2-Year Warranty** for this product, covering hassle-free return and replacement on all Glorious electronic devices. For any issues or questions, please contact Glorious customer support.
Manufacturer: Glorious PC Gaming Race
Official Website: www.pcgamingrace.com (for firmware updates & software)

Additional Resources

For visual guides and further assistance, please refer to the official Glorious PC Gaming Race website.

No official product videos from the seller are available for embedding in the specified format.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question