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ONIKUMA GAMING G83

ONIKUMA GAMING Wireless Mechanical Keyboard User Manual

Model: G83

Introduction

The ONIKUMA GAMING G83 Wireless Mechanical Keyboard offers a versatile and high-performance typing and gaming experience. Featuring tri-mode connectivity (Bluetooth 5.0, 2.4GHz wireless, and USB-C wired), an 8000mAh long-lasting battery, hot-swappable switches, and vibrant RGB backlighting, this keyboard is designed for universal compatibility and user customization. Its 5-layer silent gasket architecture ensures a quiet yet tactile typing experience.

Setup

1. Unboxing and Initial Inspection

Carefully remove all components from the packaging. Ensure the following items are present:

- ONIKUMA GAMING G83 Wireless Mechanical Keyboard
- USB-C to USB-A Cable
- 2.4GHz USB Dongle
- Keycap Puller
- User Manual (this document)



Image: The ONIKUMA GAMING G83 Wireless Mechanical Keyboard, showcasing its compact design and the included 2.4GHz USB dongle.



Image: A close-up side view of the keyboard, highlighting the USB-C port and the switch for selecting between USB wired and 2.4GHz wireless modes.

2. Charging the Keyboard

Before first use, it is recommended to fully charge the keyboard. Connect the provided USB-C cable to the keyboard's USB-C port and the other end to a USB power source (e.g., computer USB port, wall adapter). The 8000mAh battery ensures extended usage, with a full charge typically taking 3-5 hours.

3. Connecting the Keyboard

The G83 keyboard supports three connectivity modes:

- **USB-C Wired:** Connect the USB-C cable directly to your device. The keyboard will automatically switch to wired mode.

- **2.4GHz Wireless:** Locate the 2.4GHz USB dongle (usually stored in a slot on the keyboard's underside). Plug the dongle into an available USB port on your computer. Switch the keyboard to 2.4GHz mode using the switch on the side/back of the keyboard.
- **Bluetooth 5.0:**

    1. Switch the keyboard to Bluetooth mode using the mode switch.
    2. Press **FN + 1**, **FN + 2**, or **FN + 3** to select a Bluetooth channel. The corresponding key will blink rapidly, indicating pairing mode.
    3. On your device (PC, laptop, tablet, smartphone), enable Bluetooth and search for "ONIKUMA G83" or similar.
    4. Select the keyboard to pair. The key will stop blinking once connected.



Image: The ONIKUMA G83 keyboard highlighting its 8000mAh high-capacity battery, capable of 40 hours with RGB on or 400 hours with RGB off.



Image: A detailed view of the keyboard's hot-swappable sockets, pre-lubed linear switches, and side-printed PBT keycaps.

Unboxing Video

Video: An official unboxing and display video of the ONIKUMA G83 keyboard, demonstrating its components and initial setup.

Operating the Keyboard

Key Functions and Combinations

The G83 keyboard features side-printed PBT keycaps, with legends visible from an ergonomic viewing angle. Utilize the FN key for various shortcuts and multimedia controls.

Combination	Function
FN + Ins	Adjusts RGB light effect
FN + PgDn	Toggle backlight ON/OFF
FN + ←	Adjust lighting speed +
FN + ↓	Adjust lighting brightness -
FN + PgUp	Adjusts the color
FN + ↑	Adjust lighting brightness +
FN + Backspace	Display battery level (keys 6, 7, 8, 9, 0 light up: green >50%, yellow <50%, red <30%)
FN + F1-F12	Multimedia and system functions (e.g., volume, media control)



Image: The keyboard displaying various RGB backlight modes and key combinations for adjusting lighting effects, speed, and brightness.

Software Customization

For advanced customization, including per-key macro programming and additional RGB modes, download the official software driver. Please ensure the keyboard is in wired mode when running the driver for optimal performance.

Driver download: https://onikuma.com/pages/downloads



Image: The ONIKUMA G83 keyboard connected to a computer, showing the software interface for customizing macros, shortcuts, and RGB lighting.

Key Features

- **Tri-Mode Connectivity:** Seamlessly switch between BT5.0, 2.4GHz, and USB-C wired connections for universal compatibility with Windows, Mac, PS, and XBOX.
- **5-Layer Silent Gasket Architecture:** Engineered with double sound-absorbing foam, IXPE Gasket, slotted PCB, PET film, and silicone pad to reduce typing noise by 30% while maintaining tactile feedback.

- **8,000mAh Marathon Battery:** Provides up to 40 hours of nonstop RGB gaming or 400 hours of office use (RGB off). USB-C fast charging ensures quick recharges.
- **Hot-Swappable Switches:** Tool-free 3/5-pin compatibility with premium Huano linear switches (45gf/3.8mm travel). Pre-lubed for smooth operation and ideal for customization.
- **Tactile PBT Keycaps & 16.8M RGB Show:** Durable side-printed PBT keycaps with gradient dye-sublimation withstand over 10 million presses. Features 19 RGB modes with music sync capability and per-key macro programming.



Image: An infographic summarizing the key features of the 83-key G83 Custom Mechanical Keyboard, including tri-mode connection, gasket structure, hot-swap, RGB backlit, 8000mAh battery, side-engraved PBT keycaps, custom driver, and pre-lubed linear switches.

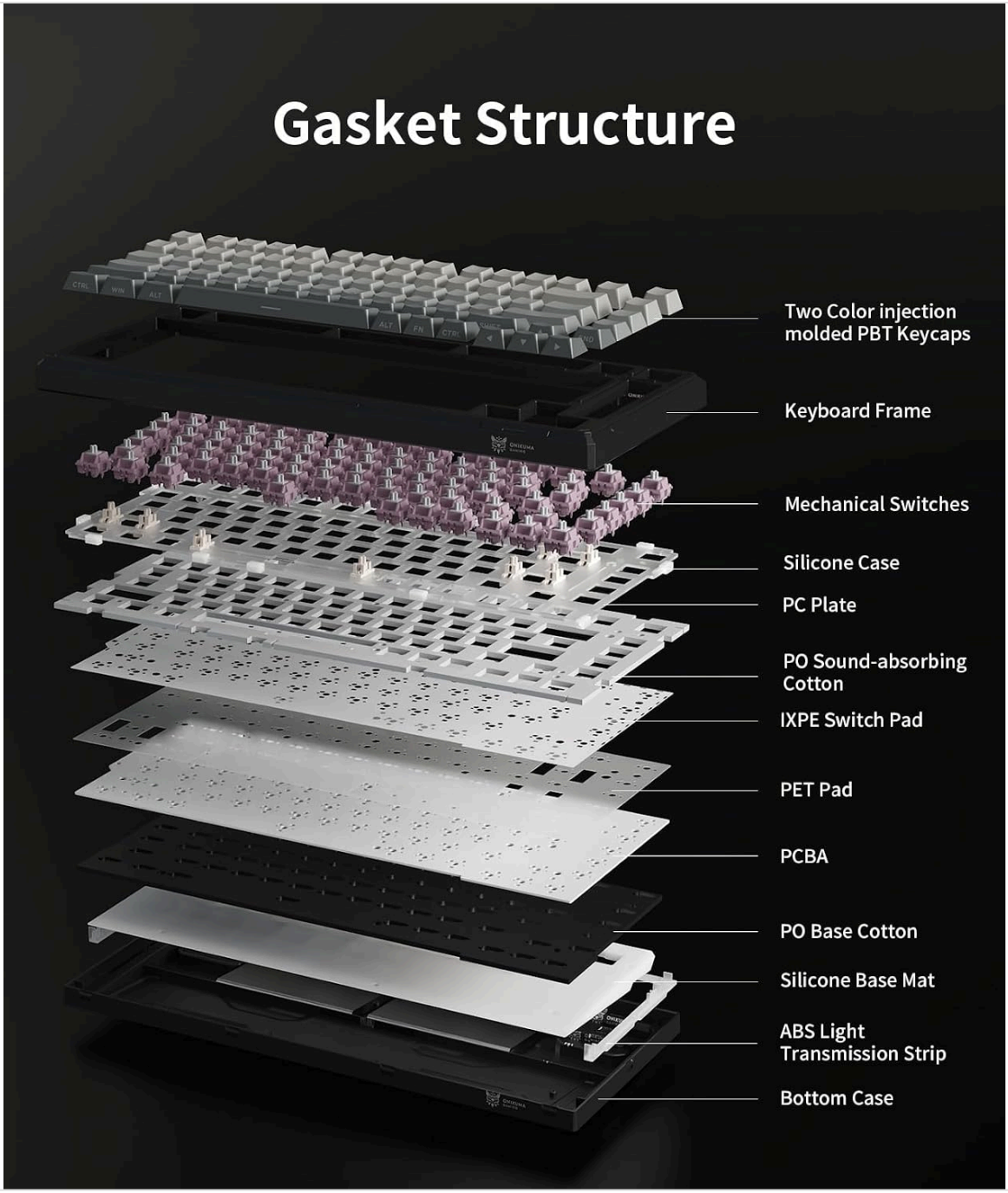


Image: An exploded diagram illustrating the 5-layer gasket structure of the keyboard, detailing components like two-color injection molded PBT keycaps, keyboard frame, mechanical switches, silicone case, PC plate, sound-absorbing cotton, IXPE switch pad, PET pad, PCBA, base cotton, silicone base mat, ABS light transmission strip, and bottom case.

Maintenance

Cleaning

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

- Use a soft, lint-free cloth dampened with a small amount of water or a mild cleaning solution to wipe down the keycaps and frame.
- For dust and debris between keys, use compressed air.
- Avoid using harsh chemicals or abrasive materials.

Switch and Keycap Replacement

The G83 keyboard features hot-swappable switches, allowing for easy replacement without soldering. Use the included keycap puller to gently remove keycaps, then use a switch puller (not included, but often integrated with keycap pullers) to remove the switches. Insert new 3-pin or 5-pin compatible switches, ensuring they are aligned correctly before pressing firmly.



Image: A detailed view of the keyboard's hot-swappable sockets, pre-lubed linear switches, and side-printed PBT keycaps, illustrating the ease of component replacement.

Troubleshooting

- **Keyboard not responding:**
  - Ensure the keyboard is charged.
  - Check the connection mode (wired, 2.4GHz, Bluetooth) and ensure it matches your device's connection.
  - For 2.4GHz, try plugging the dongle into a different USB port.
  - For Bluetooth, ensure your device's Bluetooth is on and the keyboard is paired. Try re-pairing if necessary.
- **RGB lighting not working/changing:**
  - Ensure the backlight is turned ON (FN + PgDn).
  - Try cycling through different lighting effects (FN + Ins).
  - If using the software, ensure it's updated and the keyboard is in wired mode.
- **Keys not registering or double-typing:**
  - This could indicate a faulty switch. Utilize the hot-swappable feature to replace the affected switch.
  - Ensure keycaps are properly seated.

Specifications

Feature	Detail
Brand	ONIKUMA GAMING
Model Number	G83
Connectivity Technology	Bluetooth, 2.4G wireless, USB-C

Feature	Detail
Keyboard Description	Mechanical
Number of Keys	83
Battery Capacity	8000mAh
Backlighting	RGB (16.8M colors, 19 modes)
Keycaps	Side-Printed PBT
Switches	Hot-Swappable Huano Linear (Pre-lubed)
Special Features	Tri-Mode Connectivity, Gasket Structure, Hot-Swappable, 8000mAh Battery, RGB Backlit, Side-Printed PBT Keycaps
Item Weight	2.53 pounds
Package Dimensions	13.94 x 7.13 x 2.48 inches

Related documents

G83



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ONIKUMA TX616 User Guide: Charging and Pairing

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