EPOMAKER Galaxy100 Lite

EPOMAKER Galaxy100 Lite QMK/VIA Gaming Keyboard User Manual

Model: Galaxy100 Lite | Brand: EPOMAKER

Introduction	Package Contents	Specifications	Setup	Operation	Maintenance
	Troubleshooting	Warranty & Support			

1. INTRODUCTION

The EPOMAKER Galaxy100 Lite is a high-performance mechanical keyboard designed for gaming and productivity. It features a durable aluminum alloy shell, a gasket-mounted structure for enhanced typing feel, and QMK/VIA compatibility for extensive customization. With tri-mode connectivity (USB-C, Bluetooth, and 2.4GHz wireless) and an 8000mAh battery, it offers versatile and long-lasting performance across various devices and operating systems.

Image: Overview of the EPOMAKER Galaxy100 Lite Tri-Mode QMK/VIA Mechanical Aluminum Keyboard, highlighting its key features.

2. PACKAGE CONTENTS

Ensure all items are present in your package:

- EPOMAKER Galaxy100 Lite Keyboard
- Detachable USB A-to-C Cable
- 2-in-1 Keycap-and-Switch Puller
- Multilingual Manual (English, German, Spanish, French, Italian, Korean, Japanese, Chinese)
- Spare Switches (2)
- Additional Keycaps (e.g., Mac modifier keys)

Image: All components included in the EPOMAKER Galaxy100 Lite package, laid out neatly.

3. PRODUCT SPECIFICATIONS

Feature	Value
Product Dimensions	15.94 x 5.43 x 1.27 inches
Item Weight	4.49 pounds
Item Model Number	Galaxy100 Lite
Batteries	1 D batteries required (included)
Connectivity Technology	2.4GHz, BT 5.0, Cable Wired
Keyboard Description	Aluminum Mechanical Keyboard

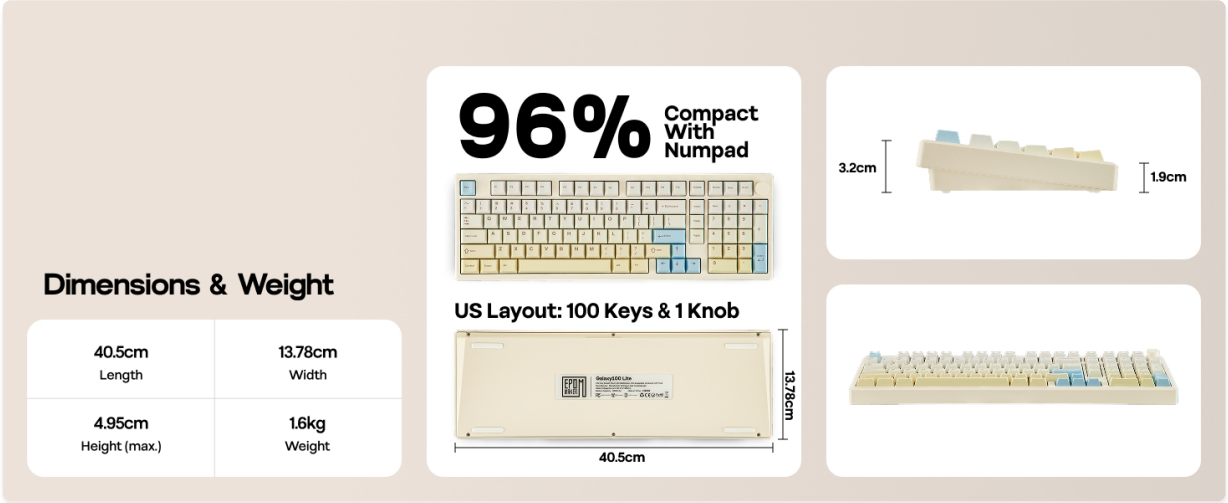| Feature	Value
Special Features	Backlit, Ergonomic, Hot-Swappable, Programmable Keys, Volume Roller
Keyboard Backlighting	RGB (South-Facing LED)
Compatible Devices	Gaming Console, Laptop, PC, Smart TV, Tablet

96% Compact With Numpad

US Layout: 100 Keys & 1 Knob

Dimensions & Weight

40.5cm	13.78cm
Length	Width
4.95cm	1.6kg
Height (max.)	Weight

3.2cm   1.9cm

13.78cm

40.5cm

Image: Detailed diagram showing the dimensions and weight of the EPOMAKER Galaxy100 Lite keyboard.

4. INITIAL SETUP AND CONNECTIVITY

The Galaxy100 Lite supports three connection modes: wired USB-C, 2.4GHz wireless, and Bluetooth 5.0. Use the switch located on the back of the keyboard to select your desired mode.

Convenient Connectivity Hub

BT
FN + Q/W/E

Wireless
FN + R

USB-C
Plug & Play

4.1 Wired Connection

Connect the keyboard to your computer using the provided USB A-to-C cable. The keyboard will be automatically recognized and ready for use. This mode offers the lowest latency.

4.2 2.4GHz Wireless Connection

1. Insert the 2.4GHz USB dongle into an available USB port on your device.
2. Slide the mode switch on the back of the keyboard to the 2.4GHz position (indicated by a wireless icon).
3. The keyboard should connect automatically. If not, press **Fn + R** to initiate pairing.

4.3 Bluetooth (BT) Connection

1. Slide the mode switch on the back of the keyboard to the Bluetooth position (indicated by a Bluetooth icon).
2. Press and hold **Fn + Q/W/E** for 3-5 seconds to enter pairing mode for one of the three available Bluetooth channels. The key's backlight will flash rapidly.
3. On your device, search for Bluetooth devices and select "EPOMAKER Galaxy100 Lite" to connect.
4. Once connected, the key's backlight will stop flashing. You can switch between paired devices by pressing **Fn + Q/W/E**.

Your browser does not support the video tag.
Video: A comprehensive guide on how to set up and use the EPOMAKER Galaxy100 Lite keyboard, covering various features and connectivity options.

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5. OPERATING YOUR KEYBOARD

5.1 QMK/VIA Customization

The Galaxy100 Lite is QMK/VIA compatible, allowing for extensive customization of keymaps, macros, and lighting effects. To use VIA software:

1. Download the latest VIA software from the official website.
2. Connect your keyboard via USB-C cable.
3. Open VIA and load the appropriate JSON file for the Galaxy100 Lite (ensure it's unzipped first).
4. You can now remap keys, create macros, and adjust lighting settings through the intuitive interface.

Image: Screenshot of the VIA software interface showing key remapping and customization options for the keyboard.

5.2 RGB Backlight Control

The keyboard features vibrant south-facing RGB backlighting. You can customize brightness, colors, and lighting effects using either the VIA software or convenient onboard hotkeys. Refer to your manual for specific hotkey combinations to cycle through effects and adjust settings.

Image: The EPOMAKER Galaxy100 Lite keyboard displaying dynamic RGB backlighting with south-facing LEDs.

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Video: Demonstrates the various RGB lighting effects of the EPOMAKER Galaxy100 Lite keyboard in daylight conditions.
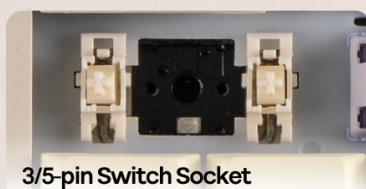
5.3 Hot-Swappable Switches

The Galaxy100 Lite features a hot-swappable PCB, allowing you to change mechanical switches without soldering. This enables easy customization of your typing experience.

1. Use the provided 2-in-1 keycap-and-switch puller to carefully remove the keycap.
2. Use the switch puller to gently extract the switch from the PCB.
3. Align the pins of the new 3-pin or 5-pin mechanical switch with the sockets on the PCB and press firmly until it clicks into place.
4. Replace the keycap.

Your browser does not support the video tag.

5.4 Battery Management

The keyboard is equipped with an 8000mAh battery, providing extended wireless usage. To check the battery level, press **Fn + Spacebar**. The RGB lighting will indicate the current battery status.
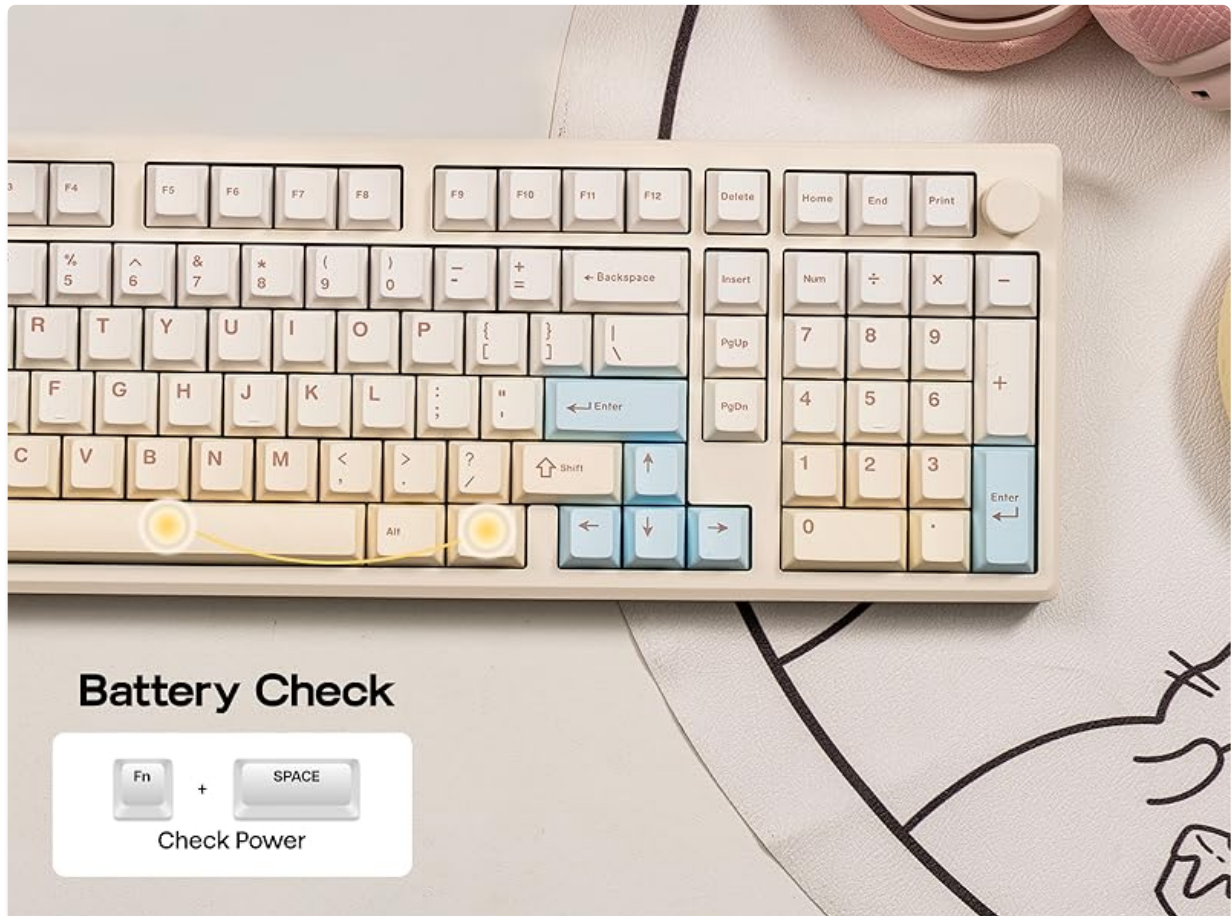
5.5 Mac OS Compatibility

For Mac OS users, the keyboard includes a dedicated Mac OS mode. Press **Fn + S** to switch to Mac OS mode. This will adjust the modifier keys (Alt/Win) to Opt/Cmd for seamless integration with Mac OS.

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6. MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your EPOMAKER Galaxy100 Lite keyboard, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the keyboard with a soft, dry cloth. For deeper cleaning, remove keycaps and use compressed air to clear dust and debris from between the switches.
- **Keycaps:** The PBT keycaps are durable, but avoid harsh chemicals that may damage the legends or material.
- **Switches:** If switches become sluggish, they can be re-lubed or replaced. Use the provided switch puller for safe removal.

- **Storage:** When not in use, store the keyboard in a dry, dust-free environment.

7. TROUBLESHOOTING

7.1 VIA Software Connection Issues

If you encounter issues connecting your keyboard to VIA software, ensure the following:

- The keyboard is connected via USB-C cable.
- You have downloaded the correct JSON definition file for the Galaxy100 Lite.
- The JSON file has been unzipped before attempting to load it into VIA.

7.2 Caps Lock/Num Lock RGB Override

The Caps Lock and Num Lock keys may display a solid white RGB light when activated, overriding custom RGB effects. This is an intended indicator feature and cannot be disabled or changed via VIA software or onboard controls.

Image: The keyboard showing indicator lights for Caps Lock, Win Lock, and Num Lock.

8. WARRANTY AND SUPPORT

EPOMAKER products typically come with a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official EPOMAKER website for detailed warranty terms and conditions. For technical support, product inquiries, or warranty claims, please contact EPOMAKER customer service through their official channels.