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› EPOMAKER EP84 Plus Mechanical Gaming Keyboard User Manual

EPOMAKER EP84 Plus

EPOMAKER EP84 Plus Mechanical Gaming Keyboard User Manual

Model: EP84 Plus | Brand: EPOMAKER

INTRODUCTION

The EPOMAKER EP84 Plus is a high-performance 75% mechanical gaming keyboard designed for versatility and customization. It offers multiple connectivity options, hot-swappable switches, durable PBT keycaps, and vibrant RGB lighting. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal use of your keyboard.



Figure 1: EPOMAKER EP84 Plus Mechanical Gaming Keyboard Overview.

PACKAGE CONTENTS

Please verify that all items are present in the package:

- EPOMAKER EP84 Plus Mechanical Gaming Keyboard
- USB Cable
- Keycap Puller / Switch Puller (2-in-1 tool)

- User Manual (this document)



Figure 2: Included accessories with the EP84 Plus keyboard.

SETUP GUIDE

Connectivity Modes

The EP84 Plus supports three modes of connection: Bluetooth 5.0, 2.4GHz Wireless, and USB-C Wired.

1. USB-C Wired Connection

1. Locate the USB-C port on the keyboard.
2. Connect the provided USB-C cable to the keyboard and the other end to an available USB port on your computer.
3. Switch the keyboard to wired mode by pressing **Fn + 5**. The keyboard will be recognized automatically by your operating system.

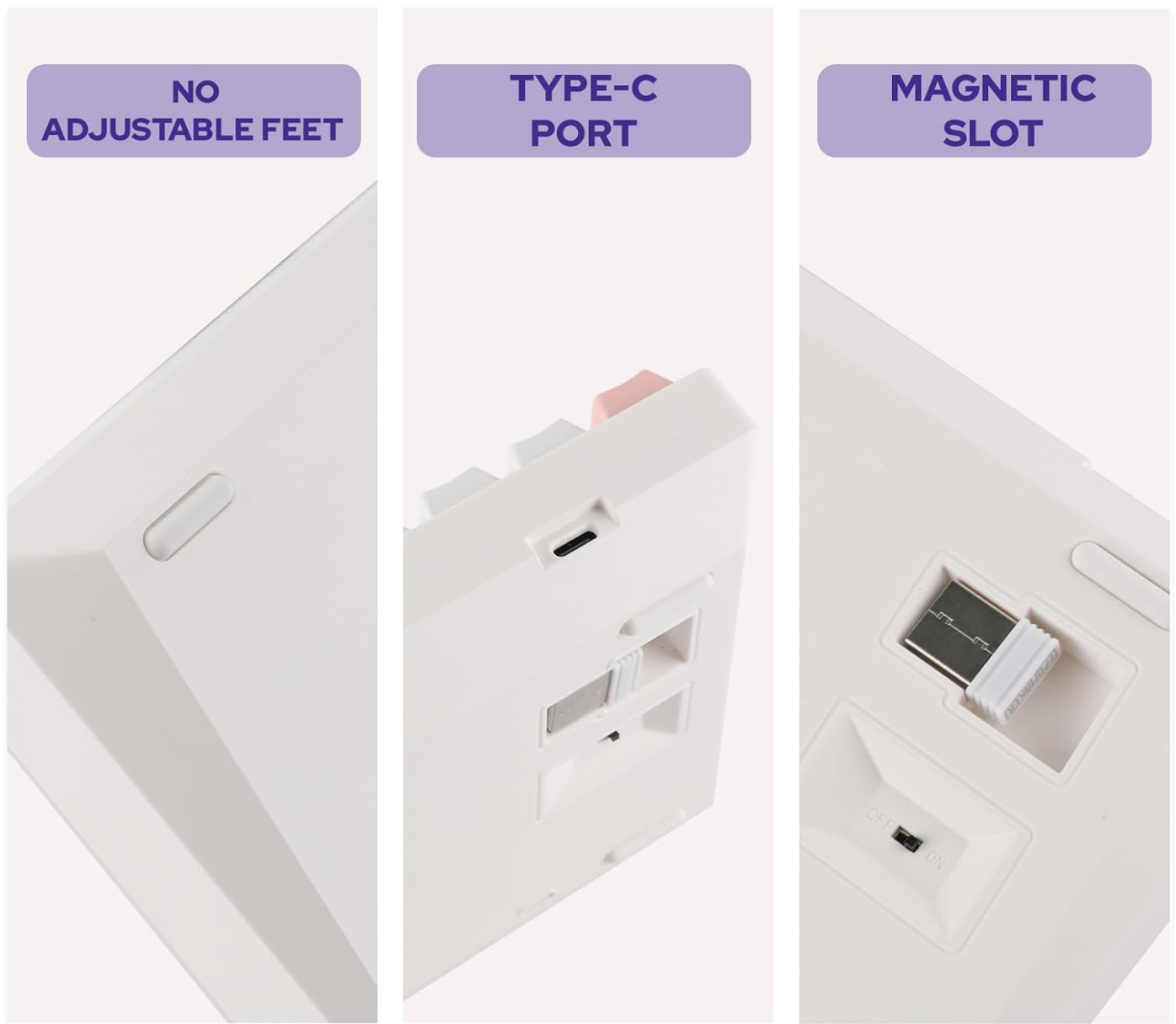


Figure 3: USB-C port for wired connection and charging.

2. 2.4GHz Wireless Connection

1. Locate the 2.4GHz USB receiver, typically stored in a magnetic slot on the keyboard's underside.
2. Plug the USB receiver into an available USB port on your computer.
3. Switch the keyboard to 2.4GHz mode by pressing **Fn + 4**. The keyboard should connect automatically.

AMAZING RGB EFFECTS

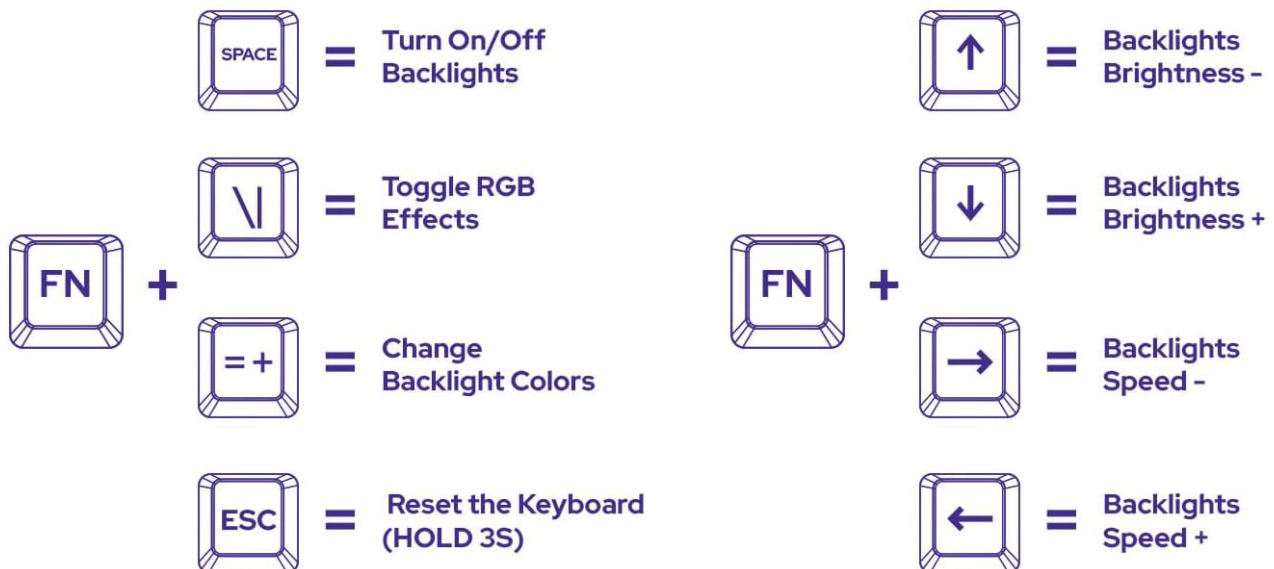


Figure 4: Magnetic slot for 2.4GHz receiver and power switch.

3. Bluetooth 5.0 Connection

1. Ensure the keyboard is powered on.
2. Press **Fn + 1**, **Fn + 2**, or **Fn + 3** to select a Bluetooth channel. The indicator light will flash, indicating pairing mode.
3. On your device (computer, tablet, smartphone), enable Bluetooth and search for "EPOMAKER EP84 Plus".
4. Select the keyboard to pair. Once connected, the indicator light will stop flashing.
5. To switch between paired Bluetooth devices, press **Fn + 1/2/3**.



Figure 5: Connectivity options for the EP84 Plus keyboard.

OPERATING INSTRUCTIONS

Basic Functions

- **Fn Key:** Used in combination with other keys to access secondary functions.
- **NKRO (N-Key Rollover):** The keyboard supports NKRO, allowing all keys to be registered simultaneously without ghosting.



Figure 6: N-Key Rollover functionality ensures all key presses are registered.

RGB Lighting Control

The EP84 Plus features customizable RGB lighting effects. Use the following key combinations to control the lighting:

- **Fn + Space:** Turn On/Off Backlights.
- **Fn + \|:** Toggle RGB Effects (cycle through various lighting modes).
- **Fn + =+:** Change Backlight Colors (for static modes).
- **Fn + ↑:** Increase Backlights Brightness.
- **Fn + ↓:** Decrease Backlights Brightness.
- **Fn + →:** Increase Backlights Speed (for dynamic modes).
- **Fn + ←:** Decrease Backlights Speed (for dynamic modes).
- **Fn + Esc (Hold 3s):** Reset the keyboard to factory default settings.



Size: 310 x 116 x 35 mm
Weight: 0.82kg

Figure 7: RGB lighting control shortcuts.

Battery Status Check

To check the current battery level, press **Fn + Backspace**. The indicator lights will show the approximate battery percentage.

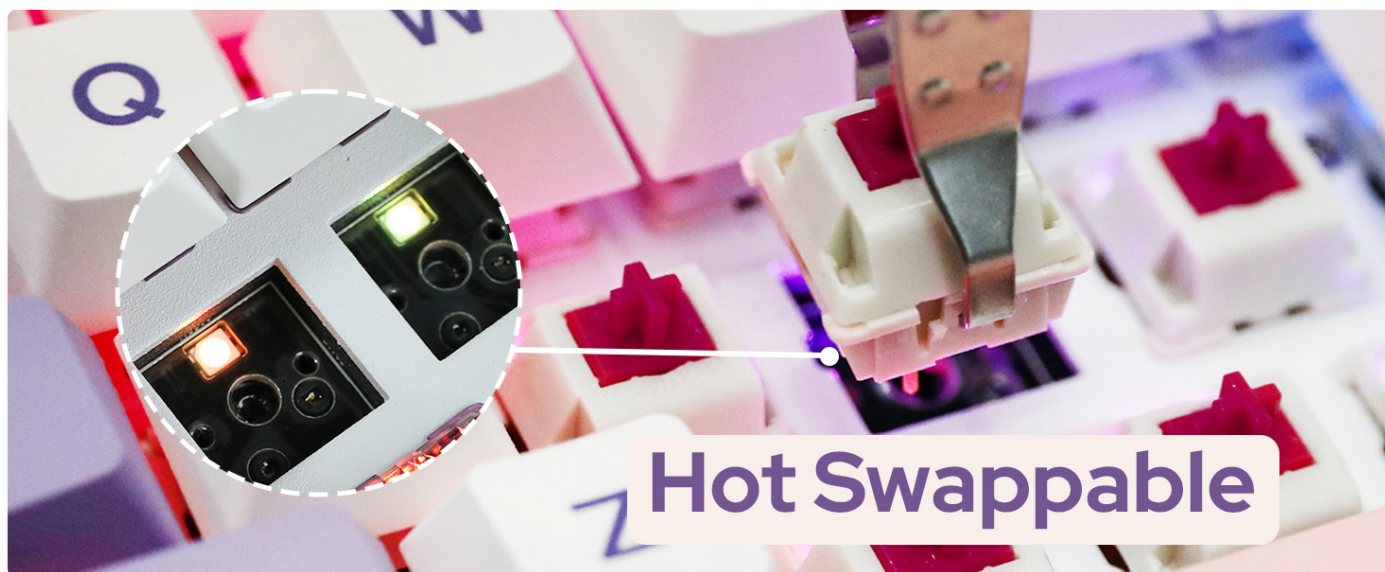


Figure 8: Battery level indicators.

Programmable Software

The EPOMAKER EP84 Plus supports programmable software for advanced customization, including key remapping, macro creation, and detailed RGB lighting control. Please visit the official EPOMAKER website to download the latest software for your operating system.

For software download and support, visit: www.epomaker.com

MAINTENANCE

Cleaning the Keyboard

- Disconnect the keyboard from your computer before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe the keycaps and chassis.
- For dust and debris between keycaps, use compressed air.
- Avoid using harsh chemicals or abrasive materials.

Hot-Swappable Switches

The EP84 Plus features a 5-pin/3-pin hot-swappable PCB, allowing you to change mechanical switches without soldering. This enables easy customization of typing feel and sound.

1. Using the provided 2-in-1 keycap/switch puller, gently remove the keycap from the switch.
2. Insert the switch puller around the switch, pressing the clips on the top and bottom.
3. Gently pull the switch straight up to remove it.
4. Align the pins of the new switch with the holes on the PCB. Ensure the pins are straight to avoid bending.
5. Press the new switch firmly into place until it clicks.
6. Reattach the keycap.



Figure 9: Hot-swappable switch replacement process.

PBT Keycaps

The keyboard comes with high-quality dye-sublimation PBT keycaps, which are resistant to shine, wear, and oils, ensuring long-lasting appearance and feel.



Figure 10: Durable PBT keycaps.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Keyboard not responding (Wired)	Loose cable connection, incorrect mode.	Ensure USB-C cable is securely connected. Press Fn + 5 to switch to wired mode. Try a different USB port.
Keyboard not connecting (2.4GHz/Bluetooth)	Low battery, receiver not plugged in, not in pairing mode, interference.	Charge the keyboard. For 2.4GHz, ensure receiver is plugged in and press Fn + 4 . For Bluetooth, ensure it's in pairing mode (Fn + 1/2/3) and visible on your device. Reduce distance to receiver/device.

Problem	Possible Cause	Solution
Keys not registering or double-typing	Faulty switch, debris under keycap.	Remove keycap and switch, clean the area, and re-insert the switch. If problem persists, replace the switch.
RGB lighting not working	Lighting turned off, software conflict.	Press Fn + Space to toggle lighting. Check software settings if applicable.
Software not detecting keyboard	Incorrect software version, driver issue, connection mode.	Ensure you have the correct software version from the official EPOMAKER website. Connect the keyboard via USB-C wired mode when using the software. Restart software and keyboard.

If you encounter issues not listed here or if the solutions do not resolve your problem, please contact EPOMAKER customer support.

SPECIFICATIONS

Feature	Detail
Model	EP84 Plus
Layout	75% (84 keys)
Connectivity	Bluetooth 5.0, 2.4GHz Wireless, USB-C Wired
Switches	Hot-swappable (5-pin/3-pin compatible)
Keycaps	Dye-sublimation PBT, Cherry Profile
Backlight	RGB
N-Key Rollover	Supported (NKRO)
Battery Capacity	3000mAh
Dimensions	310 x 116 x 35 mm (12.2 x 4.57 x 1.38 inches)
Weight	0.82 kg (2.44 pounds)
Manufacturer	EPOMAKER

75% COMPACT Mechanical Keyboard



84 KEYS



Figure 11: Keyboard compact layout and approximate scale.

WARRANTY AND SUPPORT

EPOMAKER products typically come with a standard manufacturer's warranty. Please refer to the warranty card included with your product 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 website:

[EPOMAKER Contact Us Page](#)

PRODUCT DEMONSTRATION

Your browser does not support the video tag.

Video 1: A demonstration of the EPOMAKER EP84 Plus keyboard's typing sound and feel. This video showcases the acoustic properties of the switches and overall typing experience.

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ASK A QUESTION ABOUT THIS MANUAL

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.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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