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EPOMAKER F65

EPOMAKER x Aula F65 65% Wireless Mechanical Keyboard

USER MANUAL

Product Overview

The EPOMAKER x Aula F65 is a 65% wireless mechanical keyboard designed for gaming and general use. It features a compact 67-key layout, gasket mount structure, and versatile connectivity options. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting.



Image: EPOMAKER x Aula F65 Mechanical Keyboard in black with purple backlighting.



Image: Overview of EPOMAKER x Aula F65 features including 65% layout, tri-mode connectivity, hot-swappable switches, RGB backlighting, gasket structure, 4000mAh battery, pre-lubed linear switches, and PBT keycaps.

Setup

Package Contents

Before you begin, ensure all items are present in the package:

- EPOMAKER x Aula F65 Keyboard
- Keycap Puller
- USB Cable
- User Manual (this document)
- Mechanical Switches (additional)

TRI-MODE CONNECTIVITY

Stable & Low Latency & Quick Response

2.4ghz Wireless (FN+Q)

BT 3.0/5.0 (FN+E/R/T)

USB-C Wired (FN+Y)



WIN



Mac



iOS



Android

Image: Diagram illustrating the three connectivity options: 2.4GHz wireless, Bluetooth 3.0/5.0, and USB-C wired, with corresponding FN key combinations.

Operating Instructions

Basic Keyboard Layout

The F65 features a 65% compact layout with 67 keys, optimizing desk space while retaining essential keys. Familiarize yourself with the key positions for efficient use.

65% COMPACT KEYBOARD 67 Keys

4.4 cm / 1.7 in



Image: Top-down view of the 65% compact keyboard layout, showing its dimensions (32.5 cm / 12.8 in length, 11.6 cm / 4.6 in width) and weight (0.8kg).

RGB Backlighting Control

The F65 keyboard features vibrant RGB backlighting with 16.8 million colors and an RGB bar on the sides. South-facing LEDs ensure compatibility with Cherry profile keycaps.

- **Toggle Backlight Color:** Press **FN + TAB** to cycle through different backlight colors.
- **Toggle Backlight Effect:** Press **FN + ** to cycle through various backlight effects.
- **Toggle Sidelight Effect:** Press **FN + R_SHIFT** to change the sidelight effect.
- **Toggle Sidelight Color:** Press **FN + /?** to change the sidelight color.
- **Adjust Brightness:** Press **FN + Down Arrow** to decrease brightness, **FN + Up Arrow** to increase brightness.
- **Adjust Speed:** Press **FN + Left Arrow** to decrease effect speed, **FN + Right Arrow** to increase effect speed.



Image: Keyboard showing key combinations for controlling RGB backlight colors and effects (FN+TAB, FN+I).

Your browser does not support the video tag.

Video: Demonstrates how to toggle RGB backlight effects and colors on the EPOMAKER x Aula F65 keyboard using FN key combinations.

Hot-Swappable Functionality

The F65 features full-key hot-swappable sockets, allowing you to easily change mechanical switches without soldering. This enables customization of your typing experience.

- To remove a switch, use the included switch puller. Gently grip the switch and pull upwards.
- To install a new switch, align the pins of the new switch with the holes on the PCB. Press down firmly until the switch clicks into place. Ensure pins are not bent.
- The PCB is compatible with both 3-pin and 5-pin mechanical switches.

HOT SWAPPABLE PCB

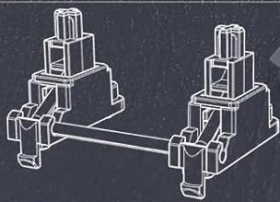
Compatible with 3/5 pins mechanical switches



Pre-lubed
Linear Switch



Hot-swap Socket



Lubed & Tuned
Stabilizer



South-facing LEDs

Image: Illustration of the hot-swappable PCB, showing how to remove and insert mechanical switches using a switch puller.

Maintenance

Cleaning Your Keyboard

Regular cleaning helps maintain the performance and appearance of your keyboard.

- Disconnect the keyboard from your device before cleaning.
- Use a keycap puller to remove keycaps for deeper cleaning.
- Use compressed air to remove dust and debris from between the keys.
- Wipe keycaps and the keyboard surface with a soft, slightly damp cloth. Avoid excessive moisture.
- Ensure the keyboard is completely dry before reconnecting.

Battery Care

The F65 is equipped with a 4000mAh battery for extended usage. To prolong battery life:

- Avoid fully discharging the battery frequently.
- Charge the keyboard using the provided USB-C cable.
- If storing the keyboard for a long period, charge it to about 50% to prevent deep discharge.

Troubleshooting

If you encounter issues with your EPOMAKER x Aula F65 keyboard, refer to the following common solutions:

- **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, ensure the USB receiver is properly inserted.
 - For Bluetooth, re-pair the keyboard with your device.
 - Try connecting the keyboard to a different USB port or device.
- **RGB Backlight Not Working/Incorrect:**
 - Ensure the backlight is turned on (check brightness settings).
 - Cycle through backlight colors and effects using **FN + TAB** and **FN + **.
 - If using software, ensure settings are correctly applied.
- **Keys Not Registering:**
 - For hot-swappable switches, ensure the switch is fully seated and its pins are not bent.
 - Clean any debris or dust from under the keycap and around the switch.
 - Test the key in wired mode to rule out wireless interference.
- **Poor Wireless Connection/Lag:**
 - Ensure the keyboard is within range of your device.
 - Minimize interference from other wireless devices.
 - For Bluetooth, try switching to a different Bluetooth profile (**FN + E/R/T**).
 - Consider using the wired connection for critical tasks or if interference persists.

Specifications

Feature	Detail
Model	EPOMAKER x Aula F65
Layout	65% (67 Keys)
Connectivity	Bluetooth (3.0/5.0), 2.4GHz Wireless, USB-C Wired
Mounting Style	Gasket Mount
Hot-Swappable	Yes (3/5-pin mechanical switches)
Backlighting	RGB (16.8 million colors, south-facing LEDs)
Battery Capacity	4000mAh

Polling Rate	1000Hz
Keycaps	Double-shot Thickened PBT
Weight	2.18 pounds (approx. 0.99 kg)
Dimensions	14.09 x 5.98 x 2.05 inches (approx. 35.8 x 15.2 x 5.2 cm)
Compatible Devices	Gaming Console, Laptop, PC, Smartphone, Tablet

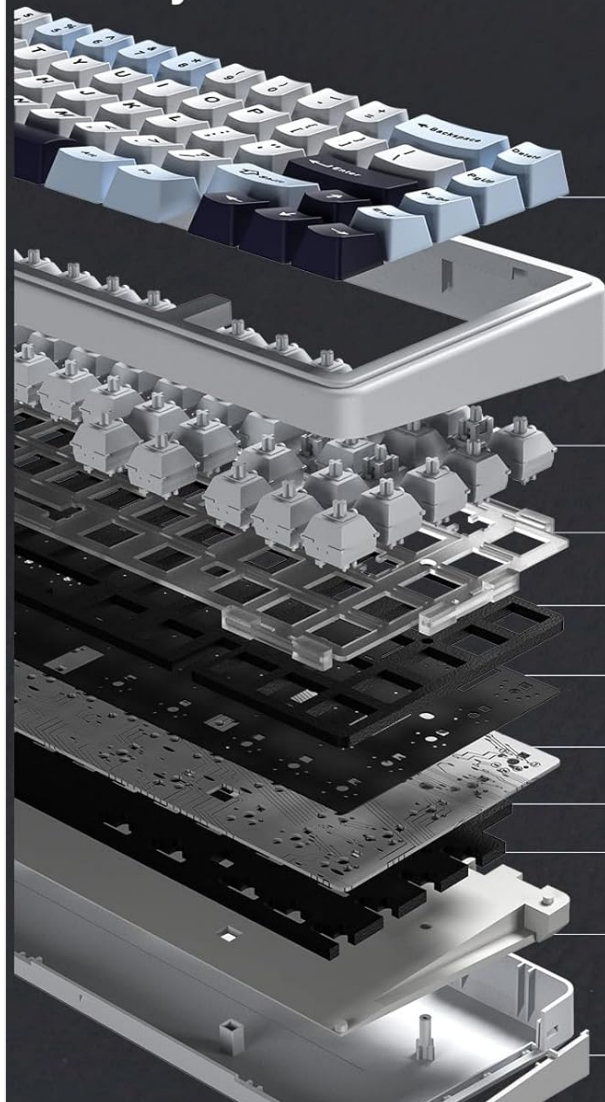
Internal Structure (Gasket Mount)

The F65 is engineered with a five-layer sound and shock-absorbing design for a "thocky" sound profile and comfortable typing experience. This includes:

- Two layers of Poron foam
- IXPE switch pad
- PET sound enhancement pad
- Bottom silicone pad
- Flex-cut PC Plate

GASKET STRUCTURE

5 Layer Sound and Shock-absorbing Internal Design



PBT Keycaps

Top Cover

Mechanical Switches

Flex-cut PC Plate

Sound-absorbing Cotton

IXPE Switch Pad

PET Sound Enhancement Pad

Single key slotted PCB Board

Poron Foam

Bottom Silicone Pad

Bottom Case

Image: Exploded view diagram of the keyboard's gasket structure, detailing layers such as PBT Keycaps, Top Cover, Mechanical Switches, Flex-cut PC Plate, Sound-absorbing Cotton, IXPE Switch Pad, PET Sound Enhancement Pad, Single key slotted PCB Board, Poron Foam, Bottom Silicone Pad, and Bottom Case.

Warranty and Support

For further assistance, warranty information, or technical support, please refer to the official EPOMAKER resources.

- **Official User Manual (PDF):** [Download PDF](#)
- **EPOMAKER Official Store:** [Visit Store](#)