EPOMAKER ACR59

EPOMAKER AKKO ACR59 Mechanical Keyboard User Manual

Model: ACR59

Introduction

Thank you for choosing the EPOMAKER AKKO ACR59 Mechanical Keyboard. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your new keyboard. Please read it thoroughly before use to ensure optimal performance and longevity of your device.



Figure 1: Front view of the EPOMAKER AKKO ACR59 Mechanical Keyboard. This image shows the compact 60% layout with 59 keys, including the HHKB-style bottom row and the distinctive spacebar design.

Package Contents

Please ensure all items are present in the package:

- EPOMAKER AKKO ACR59 Mechanical Keyboard
- Type-C USB Cable
- Additional Collection of Keycaps (for other layouts)

Setup Guide

1. **Unpacking:** Carefully remove the keyboard and accessories from the packaging.
2. **Connection:**

   Locate the Type-C port on the keyboard. Connect one end of the provided Type-C USB cable to the keyboard and the other

end to an available USB port on your computer (Windows or Mac).



Figure 2: Angled view of the keyboard, highlighting the Type-C USB port for connection. The translucent acrylic case is visible.

3. **Driver Installation (Optional):** The keyboard is plug-and-play for basic functionality. For advanced customization (e.g., key remapping, macro settings), please visit the official EPOMAKER website to download the latest software/drivers for your specific model.
4. **Placement:** Place the keyboard on a stable, flat surface. Ensure adequate space for comfortable typing.

Operating Instructions

Basic Functionality

- **Plug and Play:** The keyboard will be recognized by your operating system (Windows/Mac) automatically upon connection.
- **NKRO (N-Key Rollover):** The keyboard supports full N-Key Rollover, meaning all keys pressed simultaneously will be registered. This is beneficial for fast typing and gaming.
- **Anti-Ghosting:** All keys are anti-ghosting, preventing missed key presses during rapid input.

Hot-Swappable Switches

The AKKO ACR59 features a hot-swappable PCB, allowing you to change mechanical switches without soldering. It supports 3-pin and 5-pin north-facing switches.

1. **Removing Switches:** Use a switch puller tool (not included) to gently grip the switch from the top and bottom, then pull upwards to remove it from the PCB.
2. **Installing Switches:** Align the pins of the new switch with the holes on the PCB. Gently push the switch down until it clicks into place. Ensure the pins are straight before insertion to avoid bending.



Figure 3: Close-up angled view of the keyboard, illustrating the keycap and switch layout. The hot-swappable nature allows for easy switch replacement.

RGB Backlighting

The keyboard is equipped with SMD RGB backlighting. Lighting effects can be customized through the dedicated software (if available) or via onboard shortcuts (refer to the software manual for specific key combinations).



Figure 4: Top-down view of the keyboard, showcasing the vibrant RGB backlighting through the translucent acrylic case.

Keycap Replacement

The keyboard comes with durable double-shot PBT keycaps. An additional set of keycaps is included for customization or use with other layouts.

1. **Removing Keycaps:** Use a keycap puller tool (not included) to gently pull the keycap straight up.
2. **Installing Keycaps:** Align the keycap stem with the switch stem and gently push down until it is seated firmly.

Maintenance

- **Cleaning Keycaps:** Remove keycaps and clean them with a mild soap solution and a soft cloth. Ensure they are completely dry before reattaching.
- **Cleaning the Case:** Use a soft, dry, lint-free cloth to wipe the acrylic case. For stubborn marks, a slightly damp cloth can be used, followed by immediate drying. Avoid abrasive cleaners.
- **Dust Removal:** Use compressed air to remove dust and debris from between the keycaps and switches.

- **Cable Care:** Avoid sharp bends or kinks in the USB cable to prevent damage.

Troubleshooting

Problem	Possible Cause	Solution
Keyboard not responding	Loose cable connection, faulty USB port, driver issue.	1. Ensure the USB cable is securely connected to both the keyboard and the computer. 2. Try a different USB port on your computer. 3. Restart your computer. 4. Check Device Manager (Windows) or System Information (Mac) to see if the keyboard is recognized.
Specific keys not working	Loose or faulty switch, debris under keycap.	1. Remove the keycap and inspect the switch for any visible damage or debris. 2. If hot-swappable, try reseating the switch or replacing it with a known working switch. 3. Ensure the keycap is properly seated.
RGB lighting not working or incorrect	Software issue, incorrect settings.	1. Check the keyboard's software for lighting settings. 2. Ensure the keyboard firmware is up to date. 3. Try resetting the keyboard (refer to software manual for instructions).

Specifications

Model	AKKO ACR59
Keys Amount	59 Keys (60% Layout)
Connectivity	Wired (Type-C Cable)
Anti-Ghosting	NKRO (N-Key Rollover)
Backlight	SMD RGB
Switch Type	AKKO CS Jelly Switch (Hot-swappable)
Keycap Material	Double Shot PBT
Case Material	Integrated CNC Acrylic
Compatible OS	Windows, Mac
Item Weight	1 kg 80 g
Dimensions (Package)	40.4 x 24 x 5.4 cm

Warranty and Support

For warranty information and technical support, please refer to the official EPOMAKER website or contact their customer service

directly. Keep your purchase receipt as proof of purchase for warranty claims.
EPOMAKER Official Website: www.epomaker.com

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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.

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