

Akko ACR61

Akko ACR61 61-Key 60% RGB Hot-swappable Wired Mechanical Gaming Keyboard User Manual

Model: ACR61

1. INTRODUCTION

This manual provides instructions for the Akko ACR61 61-Key 60% RGB Hot-swappable Wired Mechanical Gaming Keyboard. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.

The Akko ACR61 keyboard features a 60% layout, RGB backlighting, and hot-swappable switches, allowing for customization and enhanced typing experiences. It utilizes PBT double-shot keycaps for durability and N-key rollover for precise input.



Image 1.1: Akko ACR61 keyboard showcasing the Prunus Lannesiana design and Jelly Pink switches.

2. SETUP

2.1 Package Contents

- Akko ACR61 Mechanical Keyboard
- USB-C to USB-A Cable
- Keycap Puller
- Switch Puller
- Additional Keycaps (if included)

2.2 Connecting the Keyboard

1. Locate the USB-C port on the back or side of the Akko ACR61 keyboard.
2. Connect the USB-C end of the provided cable to the keyboard.
3. Connect the USB-A end of the cable to an available USB port on your computer or device.
4. The keyboard will be automatically recognized by most operating systems. No additional drivers are typically required for basic functionality.

3. OPERATING INSTRUCTIONS

3.1 Basic Key Functions

The Akko ACR61 is a 60% keyboard, meaning some functions are accessed via the 'Fn' key combined with other keys. Refer to the keycap legends for specific Fn combinations.

- **Fn + [Key]:** Accesses secondary functions printed on the front or side of keycaps (e.g., arrow keys, F-row keys, multimedia controls).
- **N-Key Rollover (NKRO):** The keyboard supports simultaneous key presses without conflicts, which is beneficial for fast typing and gaming.



Image 3.1: Close-up view of the Akko ACR61 keycaps, illustrating primary and secondary functions.

3.2 RGB Backlighting Control

The keyboard features built-in RGB backlighting with customizable light animation effects. Specific key combinations, often involving the 'Fn' key, are used to cycle through lighting modes, adjust brightness, and change colors.

- **Fn + [Key]:** Typically used to change RGB effects, speed, or direction. Consult the keyboard's specific

keycap legends or software for exact combinations.

- **Underglow LED:** The keyboard also features underglow LED lighting, which can be controlled independently or in conjunction with the main RGB backlighting.

3.3 Programmability

The Akko ACR61 keyboard is programmable, allowing users to remap keys and create macro sequences. This functionality is typically managed through dedicated software provided by Akko. Keys used for controlling Macro mode (Esc/Win/Fn) cannot be remapped.

- **Key Remapping:** Assign different functions to individual keys.
- **Macro Recording:** Record a sequence of keystrokes and assign it to a single key for quick execution.

4. MAINTENANCE

4.1 Cleaning the Keyboard

Regular cleaning helps maintain the keyboard's appearance and functionality.

1. Disconnect the keyboard from your computer.
2. Use a soft brush or compressed air to remove dust and debris from between the keycaps.
3. For keycap cleaning, gently remove keycaps using a keycap puller. Wash them with mild soap and water, then ensure they are completely dry before reattaching.
4. Wipe the keyboard surface with a slightly damp, lint-free cloth. Avoid excessive moisture.

4.2 Hot-Swappable Switches

The Akko ACR61 features premium TTC gaming 5-pin hot-swappable sockets, allowing you to change switches without soldering.



Image 4.1: A Jelly Pink mechanical switch, illustrating the hot-swappable design.

1. **Removing a Switch:** Use the provided switch puller to carefully grip the top and bottom clips of the switch. Gently pull the switch straight up and out of the socket. Avoid bending the pins.
2. **Installing a Switch:** Align the pins of the new switch with the holes in the PCB socket. Ensure the pins are straight. Gently push the switch straight down until it clicks into place. Do not force the switch; if resistance is met, check pin alignment.

5. TROUBLESHOOTING

5.1 Keyboard Not Responding

- Ensure the USB cable is securely connected to both the keyboard and the computer.
- Try connecting the keyboard to a different USB port on your computer.
- Test the keyboard on another computer to rule out system-specific issues.

- If using a USB hub, try connecting directly to the computer.

5.2 RGB Lighting Not Working or Incorrect

- Ensure the keyboard is properly connected and powered.
- Use the designated Fn key combinations to cycle through lighting modes or adjust brightness.
- If using Akko software, ensure it is running and configured correctly.

5.3 Specific Keys Not Working

- For hot-swappable switches, carefully remove the keycap and then the switch for the affected key. Reinstall the switch, ensuring the pins are straight and fully seated.
- Test with a known working switch in the problematic socket to determine if the issue is with the switch or the socket.
- Ensure no debris is obstructing the switch mechanism.

6. SPECIFICATIONS

Feature	Detail
Model	ACR61
Layout	61-Key (60%)
Connectivity	Wired (USB-C)
Switches	Hot-swappable TTC Gaming 5-pin sockets (Jelly Pink Switches included)
Keycaps	PBT Double Shot ASA Profile
Backlighting	RGB with Underglow LED
Anti-Ghosting	N-Key Rollover (NKRO)
Programmability	Yes (via software, excluding Esc/Win/Fn)
Material	Polybutylene Terephthalate (Keycaps)
Item Weight	15.5 ounces
Package Dimensions	13.7 x 8.78 x 1.93 inches

7. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Akko website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

Official Akko Store: [Akko Store on Amazon](#)

