Akko MOD007

Akko MOD007 PC Gaming Keyboard User Manual

Model: MOD007 | Brand: Akko

INTRODUCTION

Welcome to the user manual for your new Akko MOD007 PC Gaming Keyboard. This keyboard features advanced magnetic switches, Rapid Trigger technology, and Dynamic Keystrokes for an enhanced gaming and typing experience. This manual provides essential information for setup, operation, maintenance, and troubleshooting to help you get the most out of your keyboard.

The Akko MOD007 PC is a 75% layout mechanical keyboard, featuring a knob for convenient control and vibrant RGB backlighting. This particular model is the 7th Anniversary Limited Edition, showcasing unique PBT keycaps.

WHAT'S IN THE BOX

Upon unboxing your Akko MOD007 PC Gaming Keyboard, please ensure all the following components are present:

- Akko MOD007 PC Gaming Keyboard
- Keycaps (pre-installed or included separately)
- USB-C Cable
- Knob (pre-installed or included separately)

SETUP

1. **Connect the Keyboard:** Connect the provided USB-C cable to the USB-C port on the keyboard and the other end to an available USB port on your computer.
2. **Driver Installation (Automatic):** The keyboard is plug-and-play. Your operating system should automatically detect and install the necessary drivers.
3. **Software Installation (Optional but Recommended):** For full customization of features like Rapid Trigger, Dynamic Keystrokes, and RGB lighting, download the official Akko software from the Akko website.
4. **Initial Test:** Open a text editor or a web browser and test all keys to ensure proper functionality.

Akko 7th Anniversary MOD007 PC

75% Layout Mechanical Keyboard

Rapid Trigger   Dynamic Keystrokes   Gasket   On-board Memory

Magnetic Switch   Knob   RGB   Hotswap Socket

Image: Illustration of the Akko MOD007 PC keyboard, highlighting its wired USB-C connectivity.

OPERATING INSTRUCTIONS AND KEY FEATURES

Magnetic Switches and Rapid Trigger (RT)

The Akko MOD007 PC utilizes magnetic switches, which allow for highly precise and customizable actuation. The Rapid Trigger feature eliminates any delay caused by the physical movement of the switch. Unlike traditional mechanical keyboards with fixed actuation points, magnetic switches activate and deactivate instantly with minimal travel (0.1mm precision).
This means the key resets the moment you lift your finger, allowing for faster, more responsive inputs, especially beneficial for competitive gaming.
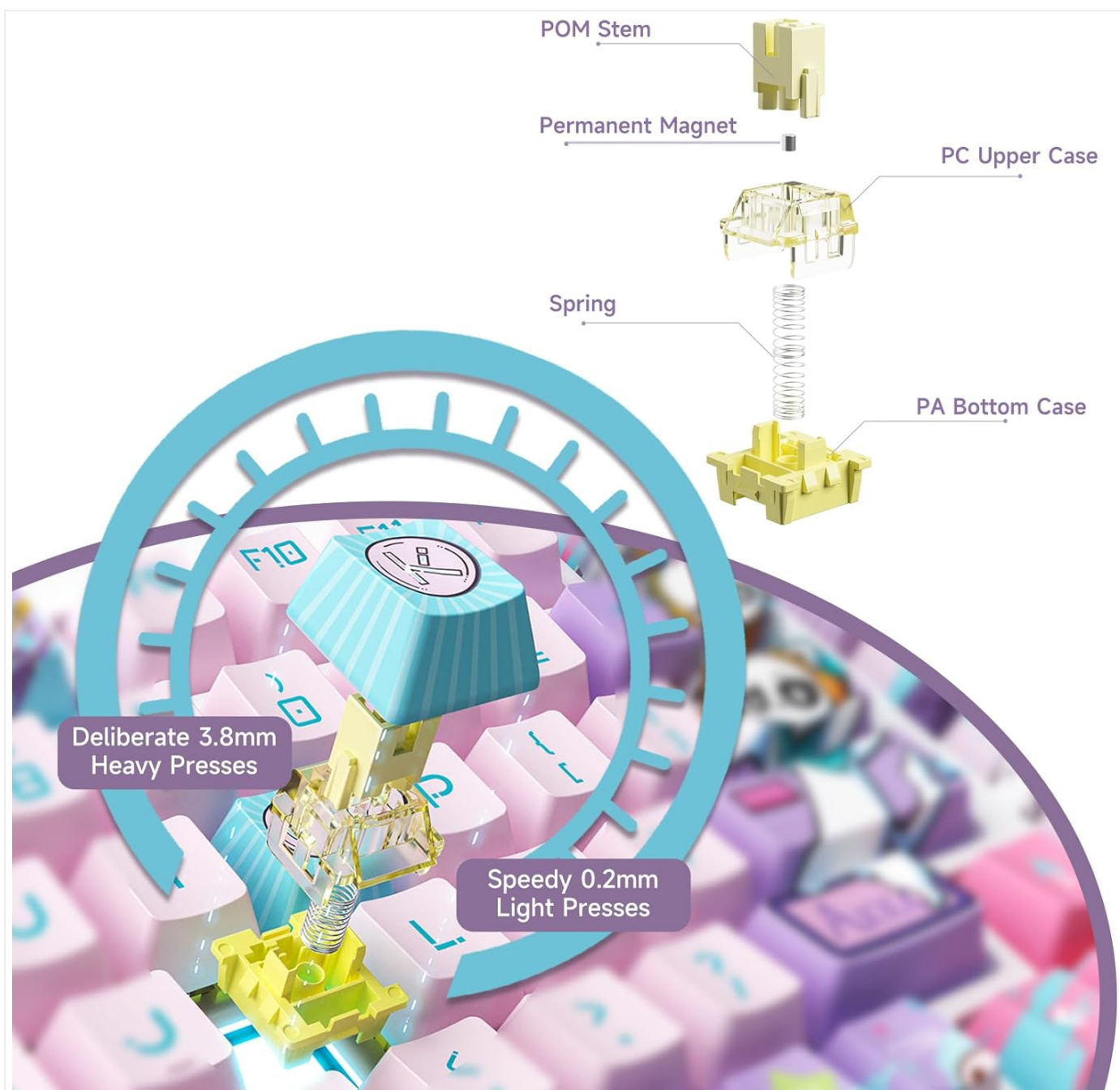
Image: Exploded view of a magnetic switch, showing its components (POM Stem, Permanent Magnet, PC Upper Case, Spring, PA Bottom Case) and illustrating the difference between speedy light presses (0.2mm) and deliberate heavy presses (3.8mm).

Image: Visual comparison demonstrating the instant reset and actuation of Akko Rapid Trigger keyboards (0.1mm minimum) versus the

fixed actuation and reset points of regular keyboards.

Video: An official Akko video showcasing the Akko 7th Anniversary MOD007 PC keyboard, highlighting its design, magnetic switches, Rapid Trigger, and Dynamic Keystrokes features. The video demonstrates the responsiveness and customization capabilities of the keyboard.

Dynamic Keystrokes (DKS)

DKS technology allows you to bind up to four distinct operations to a single key based on the analog keypress depth. For example:

- A light press initiates Action 1.
- A deeper bottoming-out activates Action 2.
- A partial release activates Action 3.
- A complete release activates Action 4.

This feature provides unparalleled control and customization for complex in-game actions or productivity shortcuts.
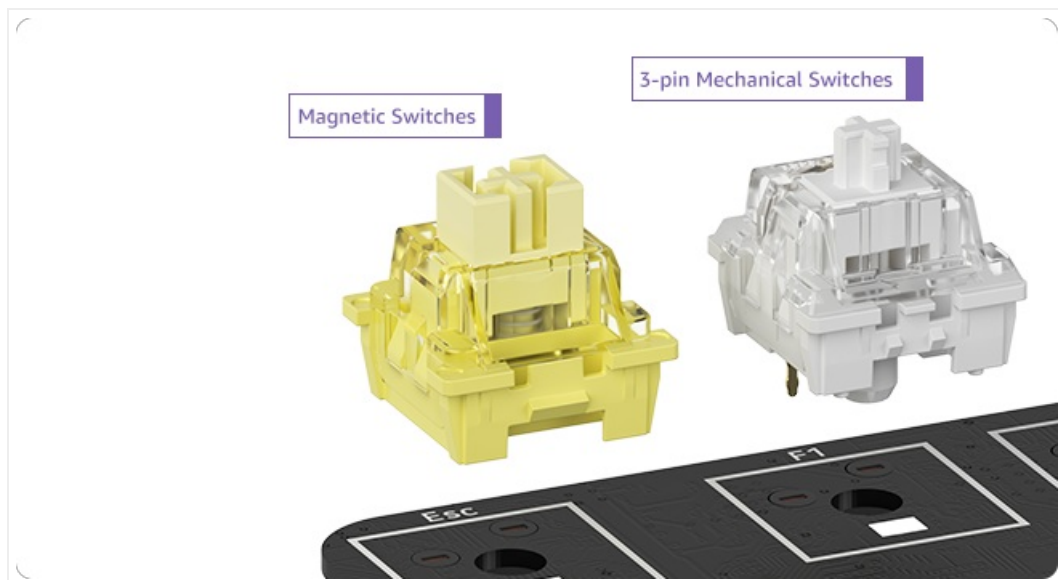

Image: Screenshot of the software interface for configuring Dynamic Keystrokes, showing how different actuation depths (0.7mm, 3.5mm) can trigger multiple actions for keys like A, S, D, and Ctrl+Shift+A.

On-board Memory

All your customized settings, including Rapid Trigger and Dynamic Keystrokes configurations, are stored directly on the keyboard's on-board memory. This means you do not need to run the software in the background once your settings are configured, allowing for hassle-free customization across different computers.

Hot-Swappable Switches

The Akko MOD007 PC keyboard is hot-swappable, compatible with any 3-pin mechanical switches. This provides the flexibility to change switch types according to your personal preferences. **Important:** Recalibration in the software is necessary after each mechanical or magnetic switch change to ensure optimal performance.
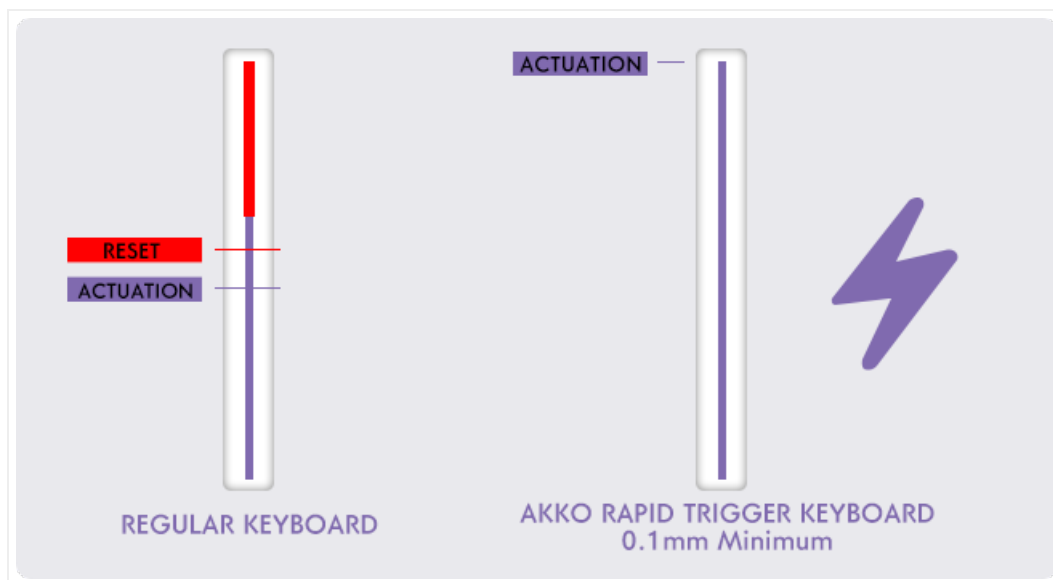
Image: Illustration showing both magnetic switches and standard 3-pin mechanical switches, emphasizing the hot-swappable nature of the keyboard's PCB.

RGB Backlighting

The keyboard features customizable RGB backlighting. Use the Akko software to select from various lighting effects, colors, and brightness levels to personalize your setup.

Knob Functionality

The integrated knob provides convenient control over various functions, typically volume control by default. Its function can often be customized via the Akko software.

MAINTENANCE

- **Regular Cleaning:** Use a soft brush or compressed air to remove dust and debris from between the keycaps. For deeper cleaning, carefully remove the keycaps using a keycap puller and clean the switch area.
- **Keycap Cleaning:** Keycaps can be cleaned with a damp cloth and mild soap. Ensure they are completely dry before reattaching.
- **Switch Care:** If you replace switches, handle them carefully to avoid bending pins. Ensure they are seated correctly before applying force.
- **Cable Management:** Avoid sharp bends or excessive pulling on the USB-C cable to prevent damage.

TROUBLESHOOTING

Issue	Possible Solution
Keyboard not responding	Check USB-C cable connection. Try a different USB port on your computer. Restart your computer. Ensure the keyboard is not in a disabled state (check software if applicable).
Keys not registering / Double-typing	Clean around the affected switch. If hot-swappable, reseat the switch or try a different switch. Recalibrate switches using the Akko software, especially after changing switches.

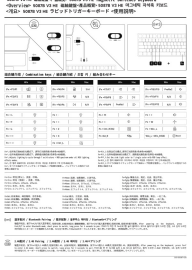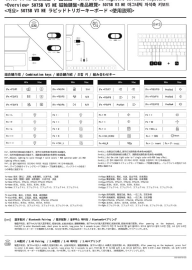| Issue	Possible Solution
RGB lighting not working	Check RGB settings in the Akko software. Ensure no conflicting software is running. Update keyboard firmware if available.
Software not detecting keyboard	Ensure the software is the latest version. Run the software as administrator. Temporarily disable antivirus/firewall if it interferes. Reinstall the software.
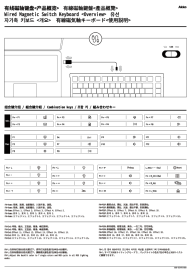
SPECIFICATIONS

Feature	Detail
Brand	Akko
Model Number	MOD007
Keyboard Description	Mechanical
Connectivity Technology	USB-C
Compatible Devices	Laptop (and Desktop PCs)
Recommended Uses	Gaming
Special Feature	Magnetic Switches, Rapid Trigger, Dynamic Keystrokes, Hot-Swappable, RGB Backlit
Color	Kailh Pink Magnetic Switch (Anniversary Version)
Number of Keys	84
Style	Modern, 75% Layout
Item Weight	3.46 pounds (approx. 1.57 kg)
Package Dimensions	15.47 x 8.58 x 2.72 inches

WARRANTY AND SUPPORT

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

Official Akko Website: www.akkogear.com

Related Documents - MOD007

[Akko 5087B V3 HE Magnetic Switches Keyboard User Manual](#)

User manual and guide for the Akko 5087B V3 HE Magnetic Switches Keyboard, covering features, key combinations, pairing, LED indicators, battery status, compliance, and warranty information.

[Akko 5075B V3 HE Magnetic Switches Keyboard User Manual](#)

User manual for the Akko 5075B V3 HE Magnetic Switches Keyboard, detailing features, key combinations, pairing instructions, LED indicators, battery status, and warranty information.

[Akko 3061S HE Magnetic Switches Mechanical Keyboard User Manual](#)

User manual for the Akko 3061S HE mechanical keyboard, covering setup, system requirements, LED indicators, hotkeys, system commands for Windows and Mac, backlight settings, customization options via Akko Cloud Driver, and warranty information.

[Akko MOD007 V3 QMK Keyboard User Manual and Quick Start Guide](#)

Comprehensive user manual and quick start guide for the Akko MOD007 V3 QMK mechanical keyboard, detailing hotkeys, system commands for Windows and Mac, knob functions, and warranty information.

[Akko Sakura Jelly Acrylic Mechanical Keyboard User Manual](#)

User manual for the Akko Sakura Jelly Acrylic Mechanical Keyboard, detailing technical specifications, hotkeys, system commands, backlight settings, macro programming using Akko Macro V1.0, and warranty information.

[Akko TAC75 Wired Magnetic Switch Keyboard Overview](#)

Comprehensive overview of the Akko TAC75 Wired Magnetic Switch Keyboard, detailing its advanced features, combination keys, RGB lighting effects, and indicator functions. Includes compliance and warranty information.