

Akko 3098

# Akko 3098 Mechanical Keyboard User Manual

Model: 3098 | Brand: Akko

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## 1. INTRODUCTION

This manual provides detailed instructions for the Akko 3098 Mechanical Keyboard. Designed for both Mac and Windows users, this keyboard features a compact 98-key layout, durable PBT double-shot keycaps, and hot-swappable switches for a customizable typing experience. Please read this manual thoroughly to ensure proper setup and operation.



Figure 1: Akko 3098 Mechanical Keyboard with key features highlighted.

## 2. PRODUCT FEATURES

- **98-Key Layout:** A compact full-size keyboard offering essential functionality while saving desk space.
- **Anti-Ghosting Keys (NKRO):** Supports simultaneous key presses without conflicts, crucial for gaming

and fast typing.

- **PBT Double Shot Keycaps:** Constructed from durable PBT material, these keycaps resist wear and fading, featuring vibrant and sharp legends.
- **Programmable Keys:** All keys, except those used for Macro mode (Esc/Win), can be re-mapped for custom action sequences. The keyboard includes built-in LED slots for user-added customizable light animation.
- **Mac & Windows Compatibility:** Supports both Windows and Mac operating systems with easy switching via Fn+Q (Windows) or Fn+O (Mac).
- **Hot-Swappable Switches:** Allows for easy replacement of switches without soldering, enabling customization of typing feel.
- **ASA Profile Keycaps:** Ergonomically designed keycap profile for comfortable typing.
- **Adjustable Heights:** Features two adjustable feet providing three levels of height for personalized typing experiences.

### 3. PACKAGE CONTENTS

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Ensure all items are present in the package:

- Akko 3098 98-key Mechanical Keyboard
- PBT Double Shot Keycaps (pre-installed)
- USB-C to USB-A Cable (removable)
- 2.4 GHz Wireless Dongle (for wireless connectivity)
- Keycap Puller
- Switch Puller
- User Manual

### 4. SETUP GUIDE

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#### 4.1. Connecting the Keyboard

The Akko 3098 keyboard supports both wired and wireless (Bluetooth or 2.4 GHz) connections.

##### Wired Connection:

1. Connect the USB-C end of the provided cable to the keyboard's USB-C port.
2. Connect the USB-A end of the cable to an available USB-A port on your computer.
3. The keyboard will be automatically recognized by your system.

##### Wireless Connection (2.4 GHz):

1. Locate the 2.4 GHz wireless dongle, usually stored in a compartment on the keyboard.
2. Plug the dongle into an available USB-A port on your computer.
3. Ensure the keyboard is in 2.4 GHz mode (refer to the keyboard's specific switch or key combination for mode selection, typically indicated by an LED).
4. The keyboard should connect automatically.

##### Wireless Connection (Bluetooth):

1. Ensure the keyboard is in Bluetooth mode (refer to the keyboard's specific switch or key combination for mode selection).

2. On your computer or device, enable Bluetooth and search for new devices.
3. Select "Akko 3098" (or similar name) from the list of available devices to pair.

## 4.2. Adjusting Keyboard Height

The keyboard features two adjustable feet on the underside, offering three different typing angles for enhanced comfort.

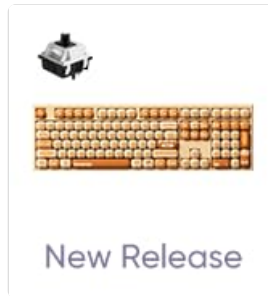


Figure 2: Adjustable feet for ergonomic typing angles.

## 5. OPERATING INSTRUCTIONS

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### 5.1. Switching Between Mac and Windows Modes

To switch between operating system modes:

- For Windows mode: Press and hold **Fn + Q**.
- For Mac mode: Press and hold **Fn + O**.

### 5.2. Programmable Keys

The Akko 3098 keyboard allows for re-mapping of most keys to customize functionality. This feature is managed through dedicated software (not included, typically available for download from the manufacturer's website). Keys used for controlling Macro mode (Esc/Win) cannot be re-mapped.

### 5.3. Keycap and Switch Replacement

The keyboard features hot-swappable switches, allowing users to change switches without soldering. This requires a keycap puller and a switch puller (both typically included in the package).

1. Using the keycap puller, gently remove the desired keycap by pulling straight up.
2. Once the keycap is removed, use the switch puller to grasp the switch firmly and pull it straight up to remove it from the PCB.
3. Align the pins of the new switch with the holes on the PCB and press down gently until it clicks into place. Ensure the pins are not bent.
4. Place the desired keycap onto the new switch stem and press down firmly.



Figure 3: PBT Double-shot Keycaps construction.



Figure 4: Mechanical switches visible after keycap removal.

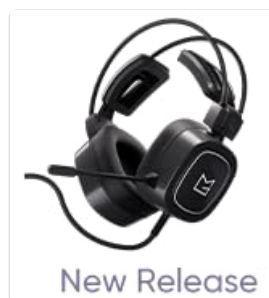


Figure 5: ASA Profile keycap heights.

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your Akko 3098 Mechanical Keyboard, follow these maintenance guidelines:

- **Cleaning Keycaps:** Use a keycap puller to remove keycaps. Clean them with a mild soap solution and a soft cloth, then rinse and dry thoroughly before reattaching.
- **Cleaning the Keyboard Base:** Use compressed air to remove dust and debris from between the switches. A soft brush or microfiber cloth can be used to wipe down the surface.

- **Avoid Liquids:** Do not spill liquids on the keyboard. If a spill occurs, immediately disconnect the keyboard and allow it to dry completely before reconnecting.
- **Storage:** Store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures.

## 7. TROUBLESHOOTING

If you encounter issues with your Akko 3098 Mechanical Keyboard, try the following solutions:

- **Keyboard Not Responding:**
  - Ensure the USB cable is securely connected or the wireless dongle is properly inserted.
  - If using wireless, check battery levels and ensure the keyboard is in the correct mode (2.4 GHz or Bluetooth).
  - Try connecting to a different USB port or a different computer to rule out port or system issues.
- **Keys Not Registering:**
  - Remove the keycap and switch for the affected key. Inspect for any debris or bent pins on the switch. Reinsert the switch firmly.
  - If the issue persists, try replacing the switch with a spare one.
- **Incorrect Key Output (Mac/Win):**
  - Ensure the keyboard is set to the correct operating system mode (Fn+Q for Windows, Fn+O for Mac).
- **Programmable Key Issues:**
  - Verify that the programming software is installed and updated.
  - Ensure you are not attempting to re-map the Esc or Win keys, as these are reserved for Macro mode control.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	3098
Layout	98-Key (Compact Full-Size)
Connectivity	USB-C (Wired), 2.4 GHz Wireless, Bluetooth
Keycaps	PBT Double Shot, ASA Profile
Switches	Akko V3 Cream Yellow (Hot-Swappable)
Backlighting	Built-in LED slots for user-added RGB (keyboard does not come with pre-installed LEDs)
Compatible Devices	Laptop, Tablet, Computer with USB-A Port
Operating System Support	Windows, Mac
Product Dimensions	2.6 x 8.46 x 16.85 inches

Item Weight	3.21 pounds
Material	Polybutylene Terephthalate (Keycaps)

## 9. WARRANTY AND SUPPORT

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