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Ajazz AK680

AJAZZ AK680 Mechanical Gaming Keyboard and Mouse Combo User Manual

Model: AK680 | Brand: Ajazz

1. PRODUCT OVERVIEW

The AJAZZ AK680 is a 60% ultra-compact mechanical gaming keyboard and mouse combo designed for efficiency and performance. It features hot-swappable switches, customizable RGB backlighting, and full anti-ghosting capabilities, making it suitable for both gaming and professional use. The accompanying mouse offers programmable buttons and adjustable DPI levels for precise control.



Figure 1.1: AJAZZ AK680 Mechanical Gaming Keyboard and Mouse Combo.

2. PACKAGE CONTENTS

- AJAZZ AK680 Mechanical Gaming Keyboard
- Gaming Mouse
- USB-C Cable (Detachable)
- Keycap Puller
- Switch Puller
- Spare Mechanical Switches
- User Manual (this document)

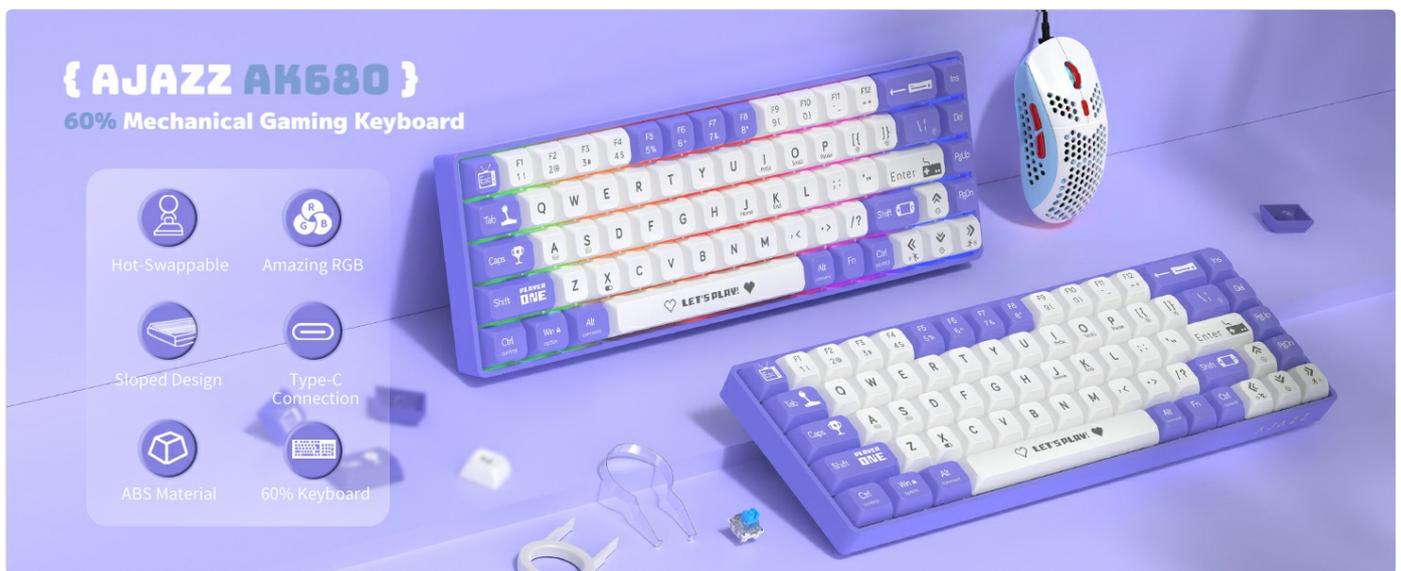


Figure 2.1: Overview of the AJAZZ AK680 keyboard and its key features.

3. SETUP GUIDE

3.1 Connecting the Keyboard and Mouse

1. Connect the detachable USB-C cable to the keyboard's USB-C port.
2. Connect the other end of the USB-C cable to an available USB port on your computer.
3. Connect the mouse's USB cable to another available USB port on your computer.
4. The keyboard and mouse are plug-and-play and should be recognized automatically by your operating system (Windows PC, Mac).



Figure 3.1: The detachable USB-C cable for easy connection and portability.

3.2 Software Installation (Optional)

For advanced customization, including programming keys, macros, and RGB lighting effects, download the official software from the Ajazz website. The software allows for personalized settings to enhance your gaming and typing experience.

4. OPERATING INSTRUCTIONS

4.1 Keyboard Functions

The AK680 features a 60% ultra-compact layout, which means some functions are accessed via the **Fn** key in combination with other keys. Refer to the keycaps for secondary functions indicated by symbols or smaller text.

- **Full Anti-Ghosting:** All 68 keys are conflict-free, allowing simultaneous key presses to be registered accurately.
- **RGB Backlighting:** The keyboard features multiple RGB lighting effects. Use **Fn** key combinations to cycle through 19 light effects, adjust brightness, change direction, and alter speed.

- Common Fn Key Combinations:

Function	Key Combination
Change Light Effect	Fn +
Restore Factory Settings	Fn + Spacebar
Backlight Switch	Fn + X
Change Brightness	Fn + ↑ / ↓
Adjustment Direction	Fn + ← / →
Change Speed	Fn + { / }



Figure 4.1: Keyboard RGB lighting modes and Fn key functions for control.

4.2 Mouse Functions

The gaming mouse included in the combo features a contoured shape for comfort and several programmable buttons for enhanced control.

- **Programmable Buttons:** The mouse has 6 programmable buttons (Left Click, Right Click, Middle Click, Forward, Backward, DPI Loop). These can be customized using the dedicated software.
- **Adjustable DPI Levels:** The mouse supports up to 6400 DPI with multiple adjustable levels, allowing you to fine-tune sensitivity for different tasks or games.



Figure 4.2: Diagram illustrating the 6 programmable buttons on the gaming mouse.

6 Adjustable DPI Levels



Figure 4.3: Visual representation of the adjustable DPI levels for the mouse.

5. MAINTENANCE

5.1 Cleaning

To maintain optimal performance and appearance, regularly clean your keyboard and mouse. Use a soft, dry cloth for general cleaning. For deeper cleaning, you may use a can of compressed air to remove dust and debris from between keycaps.

5.2 Hot-Swappable Switches

The AK680 keyboard features hot-swappable 3-pin mechanical switches, allowing you to easily replace switches without soldering. This enables customization and easy repair if a switch malfunctions.

1. Use the provided keycap puller to gently remove the desired keycap.
2. Use the provided switch puller to carefully grip the switch and pull it straight up to remove it from the PCB.
3. Align the pins of the new 3-pin mechanical switch with the holes on the PCB.

4. Gently press the new switch into place until it clicks securely.
5. Re-attach the keycap.



Figure 5.1: Illustration of the hot-swappable switch design, showing how switches can be removed and replaced.

6. TROUBLESHOOTING

• Keyboard/Mouse Not Responding:

- Ensure the USB cables are securely connected to both the devices and the computer.
- Try connecting to a different USB port on your computer.
- Restart your computer.

• RGB Lighting Issues:

- Check Fn key combinations for brightness and mode adjustments (refer to Section 4.1).
- If using software, ensure it is running and configured correctly.

- Try restoring factory settings (**Fn + Spacebar**).

- **Keys Not Registering / Double Typing:**

- This could indicate a faulty switch. Use the provided tools to replace the affected switch (refer to Section 5.2).
- Ensure the keycap is properly seated on the switch.

- **Mouse Tracking Issues:**

- Clean the mouse sensor.
- Adjust DPI settings using the mouse's DPI button or software.
- Ensure you are using the mouse on a suitable surface.

7. SPECIFICATIONS

Feature	Detail
Model	AK680
Keyboard Layout	60% (68 Keys)
Switch Type	Mechanical (Blue Switch, Hot-Swappable 3-pin)
Keycaps	PBT Keycaps
Backlight	RGB Backlit (19 effects)
Connectivity	USB-C Wired (Detachable Cable)
Anti-Ghosting	Full Anti-Ghosting (All Keys Conflict-Free)
Mouse Buttons	6 Programmable Buttons
Mouse DPI	Up to 6400 DPI (Adjustable Levels)
Compatible Devices	Gaming Console, Personal Computer (Windows PC, Mac)
Item Weight	1.75 pounds
Manufacturer	AJAZZ

8. PRODUCT VIDEOS

Your browser does not support the video tag.

Video 8.1: AK680 Keyboard Showcase. This video demonstrates the keyboard's features and aesthetic.

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Video 8.2: AL680 Wire Keyboard. A detailed look at the wired keyboard's design and functionality.

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Video 8.3: AK680 Wire Keyboard Showcase. Another showcase of the AK680 wired keyboard, highlighting its features.

9. WARRANTY AND SUPPORT

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

For additional support, visit the [Ajazz Store on Amazon](#).



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