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› AJAZZ AK820 75% Wired RGB Gasket Mechanical Keyboard User Manual

Lomiluskr AK820 (ee33710a-c681-4721-9396-d291c2925bda)

AJAZZ AK820 75% Wired RGB Gasket Mechanical Keyboard User Manual

Brand: Lomiluskr | Model: AK820

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your AJAZZ AK820 75% Wired RGB Gasket Mechanical Keyboard. Please read this manual thoroughly before using the product to ensure proper functionality and longevity.



Image 1.1: Top-down view of the AJAZZ AK820 keyboard, showcasing its compact 75% layout with purple, blue, and white keycaps, and a silver volume knob on the top right.

2. PRODUCT FEATURES

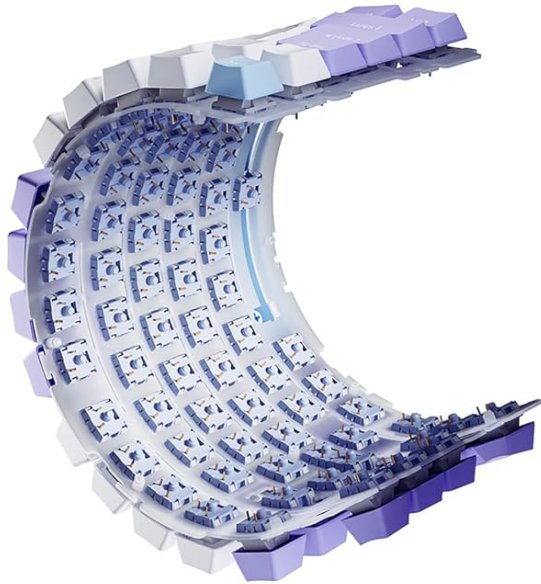
The AJAZZ AK820 keyboard is designed with several advanced features to enhance your typing and gaming experience:

- **75% Compact Hot-Swap Layout:** An 82-key layout that saves desktop space while retaining essential keys. Compatible with 3/5-pin mechanical switches.
- **Gasket Structure:** Features a gasket-mounted design with a Flex-cut PC plate and five layers of sound insulation (Poron sandwich cotton, IXPE under-axis pad, PET premium sound pad, bottom cotton, silicone bottom) for reduced noise and a softer, more elastic feel.
- **Adjustable RGB Backlight:** Offers 1.6 million colors with customizable light effects, brightness, and speed via Fn key combinations and driver software.
- **Ergonomic Angle and Detachable Type-C Cable:** Adjustable stand for comfortable typing posture and a detachable Type-C cable for convenient portability and stable wired connection.
- **Pre-lubricated Mechanical Switches:** Factory pre-lubricated switches for immediate use and smooth operation.



Image 2.1: The AJAZZ AK820 keyboard from an angled perspective, with text overlays indicating its 75% layout, knob design, hot-swap capability, full RGB, and custom driver support.

Gasket Structure



Five Layers of Padding

Silicone bottom

Bottom Cotton

PET sound pad

IXPE under-switch pad

Poron Sandwich Cotton



1.2mm Single Key Slotted PCB



Slotted PC Positioning Plate



Image 2.2: Detailed diagrams showing the internal construction of the keyboard, including the gasket structure, five layers of sound-dampening padding (silicone bottom, bottom cotton, PET sound pad, IXPE under-switch pad, Poron sandwich cotton), a 1.2mm single key slotted PCB, and a slotted PC positioning plate.

3. PACKAGE CONTENTS

Please check the box for the following items:

- AJAZZ AK820 Mechanical Keyboard
- Detachable Type-C to USB-A Cable
- User Manual (this document)

4. SETUP

Follow these steps to set up your AJAZZ AK820 keyboard:

1. Unpack the keyboard and the detachable Type-C to USB-A cable from the packaging.
2. Connect the Type-C end of the cable to the Type-C port on the keyboard.
3. Connect the USB-A end of the cable to an available USB port on your computer (PC or Laptop).
4. The keyboard is plug-and-play and should be recognized automatically by your operating system (Windows/Mac).
5. Adjust the keyboard's tilt angle using the adjustable stands on the bottom for your preferred typing posture.

5. OPERATING INSTRUCTIONS

5.1 RGB Backlight Control

The AK820 features adjustable RGB backlighting. Use the following Fn key combinations to control the lighting effects:

- **Fn + \|**: Switch light effect
- **Fn + X**: Turn on/off light
- **Fn + ↑ (Up Arrow)**: Adjust light brightness up
- **Fn + ↓ (Down Arrow)**: Adjust light brightness down
- **Fn + ← (Left Arrow)**: Adjust light direction left
- **Fn + → (Right Arrow)**: Adjust light direction right
- **Fn + - =**: Adjust light speed

Further customization options for lighting settings may be available through the dedicated driver software.



RGB Backlight

**Fn + ** Switch light effect

Fn + X Turn on/off light

Fn + ↑ ↓ Adjust light brightness

Fn + ← → Adjust light direction

Fn + - = Adjust light speed

Image 5.1: The AJAZZ AK820 keyboard with illuminated RGB backlighting, showing the Fn key combinations for adjusting light effects, brightness, direction, and speed.

5.2 Volume Knob Functionality

The metal volume knob located on the top right of the keyboard provides quick audio control:

- **Turn Knob:** Rotate clockwise to increase volume (Volume+), rotate counter-clockwise to decrease volume (Volume-).
- **Press Knob:** Press the knob to play or pause media.

75% Keyboard Volume Knob



Image 5.2: A close-up view of the silver volume knob on the AJAZZ AK820 keyboard, with text indicating its functions for volume adjustment and play/pause control.

5.3 Hot-Swappable Switches

The AK820 keyboard features a hot-swappable PCB, allowing you to change mechanical switches without soldering. This feature supports most 3-pin and 5-pin switches available on the market.

1. To remove a switch, use a switch puller tool (not included) to gently grip the switch and pull it straight up.
2. To install a new switch, align the pins of the new switch with the holes on the PCB. Ensure the switch is oriented correctly.
3. Gently press the switch down until it clicks into place. Do not force the switch, as this may bend the pins.
4. Test the new switch to ensure it functions correctly.

Hot Swappable

PCB supports most 3/5 pin switch on the market



Image 5.3: A section of the AJAZZ AK820 keyboard with several keycaps and switches removed, illustrating the hot-swappable PCB feature. Individual switches and their components are also shown.

6. MAINTENANCE

Proper maintenance ensures the longevity and performance of your keyboard:

- **Cleaning Keycaps:** Use a keycap puller (not included) to remove keycaps. Clean them with a mild soap solution and a soft cloth, then dry thoroughly before reattaching.
- **Cleaning the Keyboard Body:** Use a soft, dry cloth to wipe down the keyboard body. For stubborn dirt, a slightly damp cloth can be used, ensuring no moisture enters the internal components.
- **Dust Removal:** Use compressed air to remove dust and debris from between the keycaps and switches.
- **Cable Care:** Avoid bending or twisting the detachable Type-C cable excessively to prevent damage.

7. TROUBLESHOOTING

If you encounter issues with your keyboard, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Keyboard not responding	Loose cable connection, faulty USB port, driver issue.	Ensure the Type-C cable is securely connected to both the keyboard and the computer. Try a different USB port. Restart your computer. Check device manager for driver issues.
RGB backlight not working	Backlight turned off, software conflict.	Press Fn + X to toggle the backlight. Check if the backlight is enabled in the driver software (if installed).
Keys not registering	Dust/debris under keycap, faulty switch, bent switch pin.	Remove the keycap and clean the area. If hot-swappable, remove and re-insert the switch, ensuring pins are straight. Try replacing the switch.
Volume knob not working	Software conflict, physical obstruction.	Ensure no software is overriding media controls. Check for any physical debris around the knob.

8. SPECIFICATIONS

Detailed technical specifications for the AJAZZ AK820 keyboard:

Product Parameters



Weight: 750 g

Size: 327*136*40 mm / 12.87*5.35*1.57 inch

Number of Keys: 82 Keys (75% Layout)

Anti-ghosting: N-Key Rollover

Keycap: Tricolor PBT (OEM Height)

Shell Material: ABS

Cable: PVC 1.6m

Lighting: RGB, Customizable Multiple Lighting Effects

Professional Driver: Yes

Connection: USB (to PC) / Type-C (to Keyboard)

Support System: Windows/Mac

Image 8.1: A diagram showing the dimensions of the AJAZZ AK820 keyboard (327mm x 136mm) and a list of its product parameters.

Feature	Detail
Model Number	AK820 (ee33710a-c681-4721-9396-d291c2925bda)
Layout	75% (82 Keys)
Connectivity	Wired (USB-A to Type-C)
Keyboard Description	Mechanical
Special Features	Backlit, Hot-Swappable, Portable
Backlighting	RGB (Customizable Multiple Lighting Effects)
Keycap Material	PBT (OEM Height)
Shell Material	ABS
Cable Length	PVC 1.6m

Feature	Detail
Anti-ghosting	N-Key Rollover
Compatible Devices	Laptop, PC
Support System	Windows/Mac
Item Weight	2.09 pounds (approx. 948g)
Package Dimensions	14.29 x 6.5 x 2.24 inches
Manufacturer	Lomilusk
Date First Available	June 4, 2024

9. WARRANTY AND SUPPORT

All products are inspected for quality before shipping. If there are quality issues with the product within one year of purchase, a refund or free replacement is offered. For any questions or support needs, please contact customer service through the retailer where the product was purchased.

Please retain your proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question

