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**A.JAZZ AK029**

# A.JAZZ AK029 Wired One-Handed RGB Gaming Keyboard User Manual

## INTRODUCTION

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This manual provides detailed instructions for the setup, operation, and maintenance of your A.JAZZ AK029 Wired One-Handed RGB Gaming Keyboard. Please read this manual thoroughly to ensure proper use and to maximize the performance of your device.



Image: The A.JAZZ AK029 One-Handed RGB Gaming Keyboard, showcasing its compact 29-key layout and wired connection.

## SETUP

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- Unpacking:** Carefully remove the keyboard from its packaging. Ensure all components are present: the A.JAZZ AK029 keyboard and its USB-C cable.
- Connection:** Connect the USB-C end of the provided cable to the port on the keyboard. Connect the standard USB-A end of the cable to an available USB port on your computer (PC or Laptop).
- Driver Installation:** The keyboard is plug-and-play for basic functionality. For advanced features such as macro programming, key remapping, and detailed RGB customization, download the official A.JAZZ driver software from the manufacturer's website. Follow the on-screen instructions for installation.

## OPERATING INSTRUCTIONS

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### Key Layout and Ergonomics

The AK029 features a compact 29-key layout designed for one-handed use, optimizing desk space and providing an ergonomic advantage for gaming. This configuration allows for a wider range of mouse movement.

# PROFESSIONAL E - SPORTS KEYBOARD

29 - key one - handed e - sports keyboard. Compared with the full - key keyboard, it saves more space and maximizes the mouse movement range.



Image: Comparison of the A.JAZZ AK029 one-handed keyboard with a standard full-size keyboard, illustrating the space-saving design and increased mouse movement area.

## RGB Backlighting Control

The keyboard features integrated RGB backlighting. Specific lighting modes and effects can be cycled through using designated key combinations (refer to the driver software for a full list) or customized extensively via the A.JAZZ driver software. This allows for visual mapping of key functions and personalized aesthetic preferences.

## Rapid Trigger and Adjustable Actuation

The AK029 incorporates rapid trigger technology, providing 0.01mm actuation precision. This feature allows for near-instant key resets, enabling quicker repeated inputs and precise control. Actuation points can be adjusted through the driver software to suit individual preferences and game requirements.

# FULL - SEGMENT TRUE 0.01MM

It can achieve 0 dead zone at the bottom,  
extremely fast response, and say goodbye  
to disconnection.



Image: Visual representation highlighting the 0.01mm rapid trigger precision feature of the A.JAZZ AK029 keyboard.

## Custom Magnetic Switch System

The keyboard is equipped with high-performance magnetic switches that are hot-swappable. This allows users to easily replace switches without soldering and to fine-tune individual actuation curves using the driver software. Different switch types can be mixed to create a personalized tactile experience.

# FLAGSHIP E-SPORTS MAGNETIC SWITCH

Magnetic control battlefield, win in milliseconds,  
make every press a foreshadowing for victory.



Image: Detailed view of the A.JAZZ AK029's magnetic switch mechanism, illustrating its components and design.

## Macros and Key Remapping

Utilize the A.JAZZ driver software to program macros and remap keys. This functionality allows for complex command sequences to be assigned to a single key press, enhancing efficiency in various applications and games.

## 8000Hz Polling Rate

The AK029 features an 8000Hz polling rate and 128kHz scanning, resulting in approximately 0.125ms response time. This high polling rate ensures that inputs are registered with minimal delay, providing a competitive advantage in fast-paced environments.

## MAINTENANCE

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### Cleaning

- Disconnect the keyboard from your computer before cleaning.
- Use a soft, dry cloth to wipe the surface of the keyboard.
- For dust and debris between keycaps, use compressed air.
- Avoid using harsh chemicals or abrasive materials, as these can damage the finish or keycap legends.

## Storage

When not in use, store the keyboard in a dry, cool place away from direct sunlight and extreme temperatures to prevent damage.

## TROUBLESHOOTING

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- **Keyboard Not Responding:**
  - Ensure the USB-C 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.
- **RGB Lighting Not Working:**
  - Verify that the driver software is installed and updated.
  - Check lighting settings within the driver software to ensure RGB is enabled and configured correctly.
- **Keys Not Registering or Double-Typing:**
  - Ensure the magnetic switches are properly seated.
  - If using custom actuation settings, try resetting them to default in the driver software.
  - Clean around the affected key with compressed air to remove any debris.

## SPECIFICATIONS

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- **Brand:** A.JAZZ
- **Model:** AK029
- **Layout:** 29-Key, One-Handed
- **Connectivity:** Wired (USB-C)
- **Switch Type:** Magnetic, Hot-Swappable
- **Polling Rate:** 8000Hz
- **Actuation Precision:** 0.01mm Rapid Trigger
- **Backlighting:** RGB
- **Special Features:** Ergonomic, Programmable Keys, Gasket Keypad Design
- **Compatible Devices:** Laptop, PC, Tablet

# PRODUCT DIMENSIONS



Image: Diagram illustrating the physical dimensions of the A.JAZZ AK029 keyboard.

## WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the documentation included with your purchase or visit the official A.JAZZ website. Keep your proof of purchase for warranty claims.