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MechLands AK980, AJ139 V2 MC

MechLands AJAZZ AK980 Gaming Keyboard and AJ139 V2 MC Gaming Mouse User Manual

Models: AK980 Keyboard, AJ139 V2 MC Mouse

1. INTRODUCTION

Thank you for choosing the MechLands AJAZZ AK980 Gaming Keyboard and AJ139 V2 MC Gaming Mouse combo. This manual provides detailed instructions for setting up, operating, and maintaining your new gaming peripherals. Please read this manual carefully before use to ensure optimal performance and longevity of your products.

2. PRODUCT OVERVIEW

2.1. AK980 Gaming Keyboard

The AK980 is a 96% layout gaming keyboard featuring a gasket structure, hotswappable PCB, and versatile 3-mode connectivity. It includes a metal knob for control and a TFT display screen for real-time information.

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AK980

3 Modes Wireless Gaming Keyboard with Long Life Battery



**Compact
96% Layout**



**3 Modes
Connections**



**8000mAh
Battery**



**TFT Display
Screen**



**Gasket
Structure**



**RGB
Backlights**

Figure 2.1: Overview of the MechLands AJAZZ AK980 Gaming Keyboard. This image displays the full 96% layout keyboard with its integrated TFT display and metal knob.

- **97 Keys and a Metal Knob:** Compact layout with essential keys and a multi-functional knob.
- **Gasket Structure & Hotswappable PCB:** Provides a flexible typing feel and allows for easy switch replacement without soldering.
- **FR4/PC Plate & Five-layer Sound Dampening:** Enhances typing acoustics and feel.
- **3 Modes Wireless Connectivity:** Supports 2.4GHz wireless, Bluetooth, and USB-C wired connections for broad compatibility.
- **TFT Display Screen:** Shows time, connection mode, battery levels, and supports DIY GIF images.
- **8000mAh Battery:** Ensures extended wireless usage.
- **Software Programmable:** Customize screen settings, key remapping, macro editing, and backlight settings using the AJAZZ driver software.

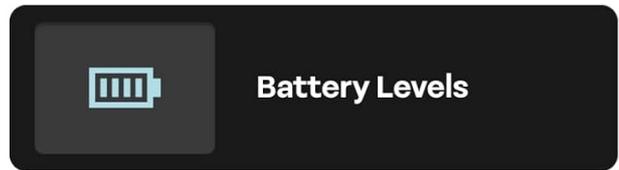
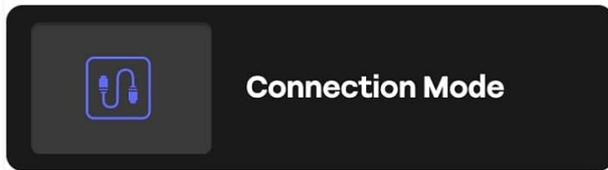
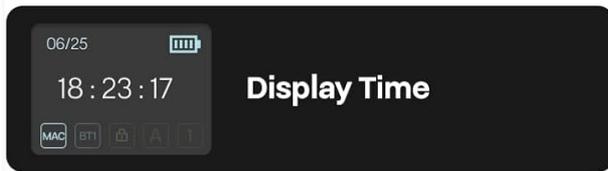


Figure 2.2: Detail of the AK980's metal knob and TFT display. The knob allows for volume adjustment, page scrolling, and customizable shortcuts. The display shows information like time, connection mode, and battery status.

3 Modes Connectivity
Support for Multiple Devices and Systems

Figure 2.3: The AK980 keyboard supports 3 modes of connectivity: Bluetooth, 2.4GHz wireless, and USB-C wired. It is compatible with various devices including PCs, laptops, tablets, and phones across Windows, macOS, and iOS operating systems.

Software Programmable

Stay On Top Of Your Game With The AJAZZ Driver.



Figure 2.4: The AJAZZ driver software for the AK980 keyboard. This interface allows users to configure screen settings, remap keys, edit macros, and adjust backlight settings for personalized use.

2.2. AJ139 V2 MC Gaming Mouse

The AJ139 V2 MC is a lightweight wireless gaming mouse designed for precision and comfort, featuring a high-performance sensor and a convenient magnetic charging base.

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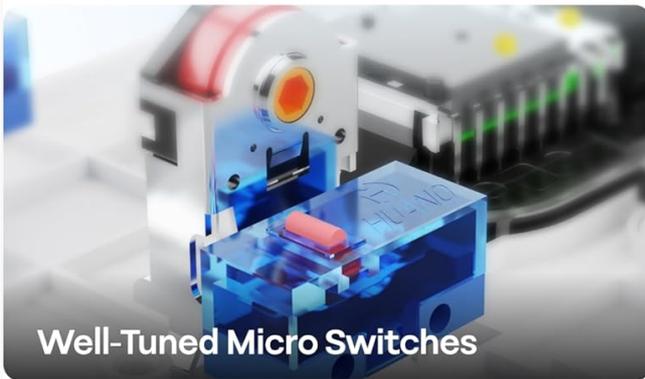
AJ139 V2 MC

Wireless Gaming Mouse With Charging Base



Figure 2.5: Overview of the MechLands AJAZZ AJ139 V2 MC Gaming Mouse with its magnetic charging base. The mouse features 3 modes of connectivity, a PAW3311 sensor, and a lightweight design.

- **Precision with the PAW3311 Sensor & 12,000 DPI:** Offers accurate tracking and adjustable sensitivity from 400 to 12,000 DPI.
- **Durable Micro-Switches:** Designed for high-speed clicks and long-term reliability.
- **3 Modes Connectivity:** Supports 2.4GHz wireless, Bluetooth 5.0, and USB-C wired connections.
- **Magnetic Charging Dock:** Provides convenient and stable charging.
- **500mAh Battery:** Powers the mouse for extended gaming sessions.
- **1000Hz Polling Rate:** Available via USB-C and 2.4G wireless for responsive input. Bluetooth operates at 125Hz.
- **66g Lightweight & Streamlined Ergonomic Design:** Ensures comfort during prolonged use.

A battery icon with a lightning bolt symbol.

500mAh Battery

A box containing the text '1 kHz'.

Polling Rate:

A USB-C icon with a blue bar next to it.

1000Hz
USB-C & 2.4G

A Bluetooth icon with a blue bar next to it.

125Hz
Bluetooth

Figure 2.6: Detailed view of the AJ139 V2 MC mouse's internal components and design. This includes its dimensions (125.3mm length, 63.3mm width, 38.1mm height), the PAW3311 sensor, well-tuned micro switches, and the wireless charging dock.

MAGNETIC CHARGING DOCK

Place The Mouse On The Dock To Start Charging, Bringing Greater Convenience And Enhancing The Overall Experience.



Figure 2.7: The AJ139 V2 MC mouse placed on its magnetic charging dock. The dock provides a convenient and secure way to charge the mouse, enhancing the overall user experience.

3 MODES WIRELESS GAMING MOUSE



Figure 2.8: The AJ139 V2 MC mouse supports three wireless modes: 2.4GHz wireless, Bluetooth 5.0, and USB-C wired connection, offering versatile connectivity options.

3. SETUP INSTRUCTIONS

3.1. AK980 Gaming Keyboard Setup

1. **Charging:** Connect the keyboard to a USB power source using the provided USB-C cable. The TFT display will indicate charging status.
2. **Connecting via 2.4GHz Wireless:**
 - Locate the 2.4GHz USB receiver (usually stored in a compartment on the keyboard).
 - Plug the receiver into an available USB port on your computer.
 - Switch the keyboard to 2.4GHz mode (refer to the keyboard's mode switch or function key combination). The display will confirm the connection.
3. **Connecting via Bluetooth:**
 - Switch the keyboard to Bluetooth mode.
 - On your device (PC, laptop, tablet, phone), go to Bluetooth settings and search for new devices.

- Select 'AJAZZ AK980' from the list of available devices to pair.

4. Connecting via USB-C Wired:

- Connect the keyboard directly to your computer using the USB-C cable. The keyboard will automatically switch to wired mode.

5. **Software Installation:** Download and install the official AJAZZ driver software from the manufacturer's website to customize settings.

3.2. AJ139 V2 MC Gaming Mouse Setup

1. Charging:

- Place the mouse onto the magnetic charging dock. Ensure the mouse is correctly aligned for charging.
- Alternatively, connect the mouse directly to a USB power source using a USB-C cable.

2. Connecting via 2.4GHz Wireless:

- Locate the 2.4GHz USB receiver (often stored in the mouse's bottom compartment).
- Plug the receiver into an available USB port on your computer.
- Turn on the mouse. It should automatically connect to the receiver.

3. Connecting via Bluetooth:

- Turn on the mouse and switch it to Bluetooth mode (usually a switch on the bottom).
- On your device, go to Bluetooth settings and search for new devices.
- Select 'AJAZZ AJ139 V2 MC' from the list to pair.

4. Connecting via USB-C Wired:

- Connect the mouse directly to your computer using the USB-C cable. The mouse will operate in wired mode and charge simultaneously.

5. **Software Installation:** Download and install the official AJAZZ driver software from the manufacturer's website to customize DPI, button functions, and other settings.

4. OPERATING INSTRUCTIONS

4.1. AK980 Keyboard Operation

- **Mode Switching:** Use the dedicated switch or function key combination (e.g., Fn + 1/2/3) to cycle between 2.4GHz, Bluetooth, and wired modes. The TFT display will show the current mode.
- **Metal Knob Functions:**
 - **Rotate:** Adjust volume (default).
 - **Press:** Mute/unmute (default).
 - **Customization:** Use the software to assign other functions like scrolling pages or launching applications.
- **TFT Display Usage:** The display automatically shows time, connection status, and battery level. You can upload custom GIF images via the software.
- **Backlight Control:** Use function key combinations (e.g., Fn + arrow keys) to adjust brightness, change

lighting effects, or turn backlights on/off. Further customization is available through the software.

- **Key Remapping & Macros:** Utilize the AJAZZ driver software to remap individual keys or create complex macro sequences for enhanced productivity and gaming.

4.2. AJ139 V2 MC Mouse Operation

- **DPI Adjustment:** Use the dedicated DPI button (usually located behind the scroll wheel) to cycle through preset DPI levels. The software allows for precise DPI customization.
- **Polling Rate:** The mouse operates at 1000Hz polling rate in 2.4GHz wireless and wired modes for maximum responsiveness. In Bluetooth mode, the polling rate is 125Hz.
- **Button Functions:** The mouse features standard left/right click, scroll wheel, and side buttons. All buttons can be reprogrammed using the AJAZZ driver software.
- **Charging Indicator:** The mouse or charging dock may feature LED indicators to show charging status (e.g., red for charging, green for fully charged).

5. MAINTENANCE

5.1. Cleaning

- **Keyboard:** Use a soft, dry cloth to wipe the surface. For deeper cleaning, use compressed air to remove dust and debris from between keycaps. For stubborn stains, a slightly damp cloth with mild cleaning solution can be used, ensuring no liquid enters the keyboard.
- **Mouse:** Wipe the mouse surface with a soft, dry cloth. Use a cotton swab lightly dampened with isopropyl alcohol to clean the sensor area and mouse feet if necessary.

5.2. Battery Care

- Avoid fully discharging the batteries frequently.
- Charge the devices regularly, especially if they will be stored for an extended period.
- Do not expose the devices to extreme temperatures.

5.3. Storage

When not in use for prolonged periods, store the keyboard and mouse in a cool, dry place away from direct sunlight and extreme temperatures. Ensure batteries are partially charged (around 50%) before storage.

6. TROUBLESHOOTING

- **Device Not Connecting:**
 - Ensure the device is powered on and in the correct connection mode (2.4GHz, Bluetooth, or wired).
 - Check battery levels and charge if necessary.
 - For 2.4GHz, ensure the USB receiver is securely plugged in.
 - For Bluetooth, ensure your device's Bluetooth is enabled and try re-pairing.
 - Try connecting via USB-C cable to rule out wireless issues.
- **Keys/Buttons Not Responding:**
 - Check for physical obstructions or debris under the keycaps/buttons.
 - Ensure the device is properly connected.

- If hotswappable, ensure switches are fully seated.
- Test on another computer to determine if the issue is device-specific.
- **Charging Problems:**
 - Ensure the charging cable/dock is securely connected to both the device and a power source.
 - Try a different USB port or charging cable.
 - For the mouse charging dock, ensure the mouse is correctly positioned.
- **Software Issues:**
 - Ensure you have the latest version of the AJAZZ driver software installed.
 - Restart your computer and the software.
 - Reinstall the software if problems persist.

7. SPECIFICATIONS

7.1. AK980 Gaming Keyboard

- **Layout:** 96% (97 Keys)
- **Structure:** Gasket Mounted, Hotswappable PCB
- **Plate Material:** FR4/PC
- **Connectivity:** 2.4GHz Wireless, Bluetooth, USB-C Wired (3 Modes)
- **Battery:** 8000mAh
- **Display:** TFT Screen
- **Special Features:** Metal Knob, Five-layer Sound Dampening, Software Programmable

7.2. AJ139 V2 MC Gaming Mouse

- **Sensor:** PAW3311
- **DPI:** 400-12,000 (Adjustable)
- **Polling Rate:** 1000Hz (2.4GHz/Wired), 125Hz (Bluetooth)
- **Connectivity:** 2.4GHz Wireless, Bluetooth 5.0, USB-C Wired (3 Modes)
- **Battery:** 500mAh
- **Weight:** 66g
- **Switches:** Durable Micro-Switches
- **Special Features:** Magnetic Charging Dock, Streamlined Ergonomic Design

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official MechLands/AJAZZ website. You can also contact customer service through the retailer where you purchased the product.

