DAREU A950pro & EK75RT

DAREU A950pro 4K Wireless Gaming Mouse & EK75RT Hall Effect Mechanical Gaming Keyboard Combo User Manual

1. INTRODUCTION

Thank you for choosing the DAREU A950pro 4K Wireless Gaming Mouse and EK75RT Hall Effect Rapid Trigger Magnetic Switch Mechanical Gaming Keyboard 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 devices.
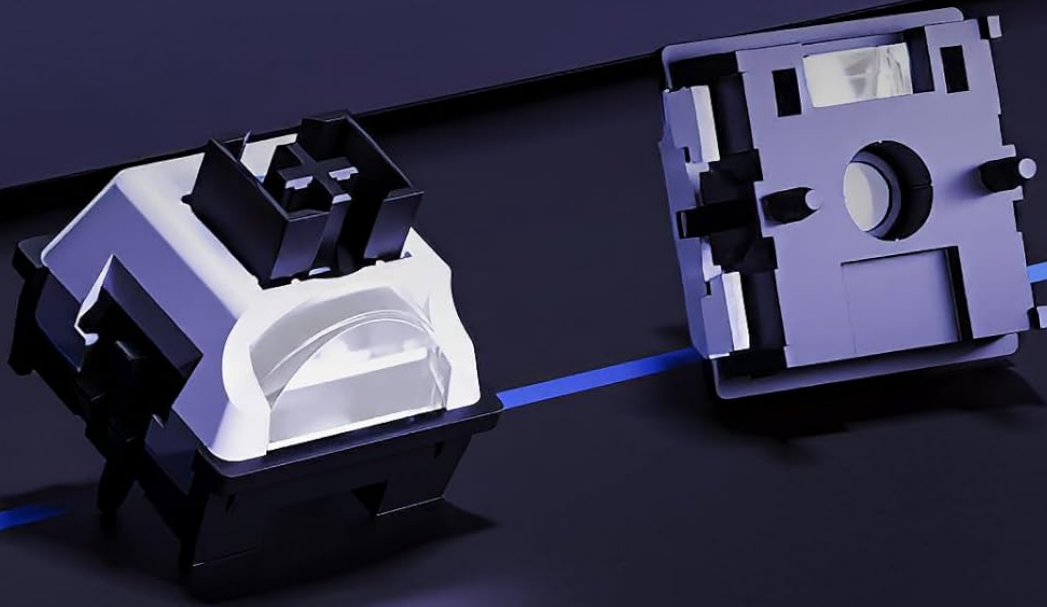
2. PRODUCT OVERVIEW

2.1 DAREU A950pro 4K Wireless Gaming Mouse

The A950pro mouse features a 4K polling rate for ultra-responsive input, a high-precision PAW 3395 sensor, and durable Kailh black GM8.0 switches. It supports tri-mode connectivity and is designed for lightweight performance.

45G LINEAR MAGNETIC SWITCH

Hall effect rapid trigger improves more than 10 times response speed over traditional mechanical keyboards

Initial force
30±5gf

Pre travel
adjustable

Trigger force
45±5gf

Total travel
4.0±0.5mm

Bottom force
55±5gf

Switch lifespan
100 million

Image: DAREU A950pro 4K Wireless Gaming Mouse. This image shows the sleek, ergonomic design of the A950pro mouse.

Key Features:

- **4K Polling Rate:** Equipped with a 4KHz receiver, sending signals to the computer 4 times faster than standard gaming mice (0.25ms response time).

Image: DAREU A950pro 4K Wireless Gaming Mouse with 4000Hz Report Rate. This image highlights the mouse's 4000Hz report rate capability, showing the mouse and its 4K wireless receiver.

- **PAW 3395 Optical Sensor:** Provides excellent accuracy, capturing minute movements and synchronizing to the computer pointer without losing frames. Supports up to 26000 DPI, 650 IPS, and 50G acceleration.

Image: DAREU A950pro 4K Wireless Gaming Mouse with PAW3395 Optical Sensor. This image details the mouse's PAW3395 optical sensor, emphasizing its 26000 DPI, 650 IPS, and 50G acceleration specifications.

- **Kailh Black GM8.0 Mouse Switches:** Rated for 80 million clicks, ensuring durability and consistent performance.
- **Tri-mode Connection:** Offers versatile connectivity options including Bluetooth 5.1, 2.4G wireless, and USB-C wired mode.

Image: DAREU A950pro 4K Wireless Gaming Mouse Tri-Mode Connection. This image illustrates the three connection modes: Bluetooth 5.1 for office, 2.4G for gaming, and USB-C for charging while playing.

- **Lightweight Design:** Weighs approximately 54g for flexible movement and improved handling.

Image: DAREU A950pro 4K Wireless Gaming Mouse 55G Lightweight Design. This image shows an exploded view of the mouse, highlighting its internal components and lightweight construction.

- **Fast Charging:** 300mAh battery with 30-minute fast charging, providing up to 37 days in BT5.1 mode or 6 days in 2.4G mode (based on 4 hours of connection per day).

Image: DAREU A950pro 4K Wireless Gaming Mouse Fast Charging Technology. This image details the mouse's fast charging capabilities, showing battery life estimates for different modes and charging times.

2.2 DAREU EK75RT Hall Effect Rapid Trigger Magnetic Switch Mechanical Gaming Keyboard

The EK75RT keyboard features customizable Hall Effect magnetic switches with rapid trigger technology, offering precise and fast input for competitive gaming.

TRI-MODE CONNECTION

A950pro can be paired with three devices at the same time

BT 5.1
for office

2.4G
for gaming

USB-C
Charge while play

Image: DAREU EK75RT Hall Effect Mechanical Gaming Keyboard. This image displays the EK75RT keyboard, showcasing its compact layout and transparent keycaps.

Key Features:

- **Customizable Hall Effect Magnetic Switches:** Offers 40 levels of per-key actuation from 0.1mm to 4.0mm, with 0.1mm precision.

Image: DAREU EK75RT Keyboard 45G Linear Magnetic Switch. This image provides a close-up of the magnetic switches, detailing their initial force, pre-travel, trigger force, total travel, bottom force, and switch lifespan.

- **Rapid Trigger:** Provides up to 20 times faster accuracy and 11 times faster response than traditional mechanical keyboards, allowing for instant key reset and re-actuation.

Image: DAREU EK75RT Keyboard Rapid Trigger Mode. This image visually explains the rapid trigger functionality, comparing the trigger area of mechanical switches to the adjustable reset area of magnetic switches (0.1mm-4.0mm).

- **4-in-1 Action Keys:** Allows up to 4 different commands to be assigned to the same key, enhancing combat and complex actions in games.
- **All-in-One Driver:** Software for customizing RGB lighting effects (50 types), macros, key functions, and key travel settings. Includes preset settings for classic game configurations.

Image: DAREU EK75RT Keyboard All-in-One Driver Interface. This image shows the user interface of the DAREU driver software, demonstrating options for key function, key travel, DKS/MT/TGL, RGB, and macro settings, with examples for Valorant and CS:GO.

- **TKL Form Factor with Full-Size Functionality:** Compact Tenkeyless design without sacrificing essential functions.
- **Stable Aluminum Positioning Plate:** Ensures durability and a solid typing experience.
- **Fully Transparent Keycaps:** For enhanced aesthetics and RGB lighting display.
- **Magnetic Sensing RGB Lighting Effects:** Dynamic RGB lighting with side ambient lighting.

3. SETUP GUIDE

3.1 DAREU A950pro 4K Wireless Gaming Mouse Setup

1. **Charging:** Before first use, connect the mouse to a USB port on your computer using the provided USB-C cable. The mouse supports fast charging. Ensure to use a computer USB port and the original charging cable. Do not use a power adapter for charging.
2. **2.4G Wireless Connection (Recommended for Gaming):**
    - Plug the 4K wireless receiver into an available USB port on your computer.

○ Turn on the mouse. The mouse should automatically connect to the receiver.

3. **Bluetooth 5.1 Connection (Recommended for Office/General Use):**

   ○ Turn on the mouse and switch it to Bluetooth mode.

   ○ On your computer, go to Bluetooth settings and search for new devices.

   ○ Select "DAREU A950pro" from the list of available devices to pair.

4. **USB-C Wired Connection:**

   ○ Connect the mouse directly to your computer using the USB-C cable. The mouse will function as a wired mouse and charge simultaneously.

3.2 DAREU EK75RT Hall Effect Mechanical Gaming Keyboard Setup

1. **Connection:** Connect the keyboard to an available USB port on your computer using the provided USB cable. The keyboard is plug-and-play.

2. **Driver Installation:** For full customization (actuation, rapid trigger, RGB, macros), download and install the DAREU All-in-One driver software from the official DAREU website.

4. OPERATING INSTRUCTIONS

4.1 DAREU A950pro 4K Wireless Gaming Mouse Operation

- **DPI Adjustment:** Use the dedicated DPI button (usually located behind the scroll wheel) to cycle through preset DPI levels. The DAREU driver allows for custom DPI settings.

- **Programmable Buttons:** All buttons can be programmed using the DAREU driver software to assign macros, media controls, or other functions.

- **Polling Rate:** The 4K polling rate is automatically enabled when using the 2.4G wireless receiver. Ensure the receiver is properly connected for optimal performance.

4.2 DAREU EK75RT Hall Effect Mechanical Gaming Keyboard Operation

- **Actuation Point Adjustment:** Use the DAREU All-in-One driver to customize the actuation point for each key from 0.1mm to 4.0mm. This allows for personalized responsiveness.

- **Rapid Trigger Mode:** Enable and configure Rapid Trigger settings via the DAREU driver. This feature allows keys to reset and re-actuate instantly upon release, providing a significant advantage in fast-paced games.

- **4-in-1 Action Keys:** Program multiple commands to a single key through the driver. For example, a light press could be one action, and a deeper press another.

- **RGB Lighting Effects:** Cycle through various preset RGB lighting effects using keyboard shortcuts (refer to the driver software for specific key combinations) or customize them extensively using the DAREU driver.

- **Macro Recording:** Record and assign complex macros to any key using the DAREU driver software.

5. MAINTENANCE

- **Cleaning the Mouse:** Use a soft, dry cloth to wipe the surface of the mouse. For stubborn dirt, a slightly damp cloth can be used, ensuring no liquid enters the internal components. Avoid harsh chemicals.

- **Cleaning the Keyboard:**

   ○ Disconnect the keyboard from your computer.

- Use a can of compressed air to remove dust and debris from between the keycaps.
- Gently wipe the keycaps and keyboard frame with a soft, slightly damp cloth.
- For deeper cleaning, keycaps can be carefully removed using a keycap puller (not included) and cleaned separately. Ensure they are completely dry before reattaching.

- **Storage:** When not in use for extended periods, store the keyboard and mouse in a clean, dry environment away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

- **Mouse Not Responding:**

    - Check battery level and charge if necessary.
    - Ensure the 2.4G receiver is securely plugged into a USB port, or Bluetooth is properly paired.
    - Try connecting the mouse via USB-C cable to rule out wireless issues.
    - Restart your computer.

- **Keyboard Not Responding:**

    - Ensure the USB cable is securely connected to both the keyboard and your computer.
    - Try a different USB port.
    - Restart your computer.

- **Driver Software Issues:**

    - Ensure you have downloaded the latest version of the DAREU All-in-One driver from the official website.
    - Temporarily disable any antivirus or firewall software during installation if issues persist.
    - Run the driver software as an administrator.

- **Inconsistent Mouse Tracking:**

    - Clean the mouse sensor.
    - Use a high-quality mouse pad.
    - Adjust DPI settings.

- **RGB Lighting Not Working:**

    - Check lighting settings in the DAREU driver software.
    - Ensure the keyboard is properly connected.

7. SPECIFICATIONS

7.1 DAREU A950pro 4K Wireless Gaming Mouse

Sensor	PAW 3395 Optical Sensor
Polling Rate	4KHz (with 4K receiver)
DPI	Up to 26000 DPI
IPS	650 IPS
Acceleration	50G

Switches	Kailh Black GM8.0 (80 million clicks)
Connectivity	Tri-mode (Bluetooth 5.1, 2.4G Wireless, USB-C Wired)
Weight	Approx. 54g
Battery	300mAh (30min fast charging)
Battery Life	Up to 37 days (BT5.1), 6 days (2.4G)

7.2 DAREU EK75RT Hall Effect Mechanical Gaming Keyboard

Switch Type	Hall Effect Magnetic Switches
Actuation Range	0.1mm - 4.0mm (40 levels, 0.1mm precision)
Features	Rapid Trigger, 4-in-1 Action Keys
Form Factor	TKL (Tenkeyless)
Plate Material	Aluminum Positioning Plate
Keycaps	Fully Transparent
Lighting	Magnetic Sensing RGB, Side Ambient Lighting
Software	DAREU All-in-One Driver

8. WARRANTY AND SUPPORT

DAREU products are designed for quality and performance. For warranty information, technical support, or any product-related inquiries, please refer to the official DAREU website or contact DAREU customer service directly. Please retain your proof of purchase for warranty claims.