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DAREU A955, EK75RT

DAREU Gaming Keyboard and Mouse Combo User Manual

Models: A955 Wireless Gaming Mouse & EK75RT Mechanical Gaming Keyboard

1. Introduction

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your DAREU Gaming Keyboard and Mouse Combo, featuring the A955 Wireless Gaming Mouse and the EK75RT Rapid Trigger Hall Effect Magnetic Switch Mechanical Gaming Keyboard. Please read this manual thoroughly before using the products to ensure optimal performance and longevity.

2. Product Overview

2.1 DAREU A955 Wireless Gaming Mouse

The DAREU A955 is a high-performance wireless gaming mouse designed for precision and responsiveness. It features tri-mode connectivity, a high-accuracy AIM-WL sensor, and durable KBS II buttons.

Figure 1: DAREU A955 Wireless Gaming Mouse showcasing its versatile tri-mode connectivity options.

- **Tri-mode Connection:** Supports Bluetooth 5.0, 2.4GHz wireless, and USB-C wired modes for flexible connectivity across various devices.
- **AIM-WL Sensor:** Ultra-responsive optical sensor with 12000 DPI, 300 IPS tracking speed, and 50G acceleration for precise movements.
- **KBS II Button Technology:** Ensures zero debounce delay, no button idling, and up to 80 million clicks for enhanced durability and responsiveness.
- **Long-Lasting Battery:** Equipped with a 930mAh battery providing up to 120 hours of continuous use.
- **Charging Dock:** Includes an RGB rainbow charging stand for convenient and magnetic fixation charging.
- **Customizable RGB Lighting:** Features a transparent bottom cover and custom RGB lighting with over

16.8 million colors and 6 lighting effects.

Figure 2: Detailed view of the DAREU A955's AIM-WL sensor for ultra-responsive tracking.

Figure 3: Explanation of the KBS2.0 Key Technology for improved button performance.

Figure 4: The A955 mouse on its charging dock, highlighting its 930mAh battery.

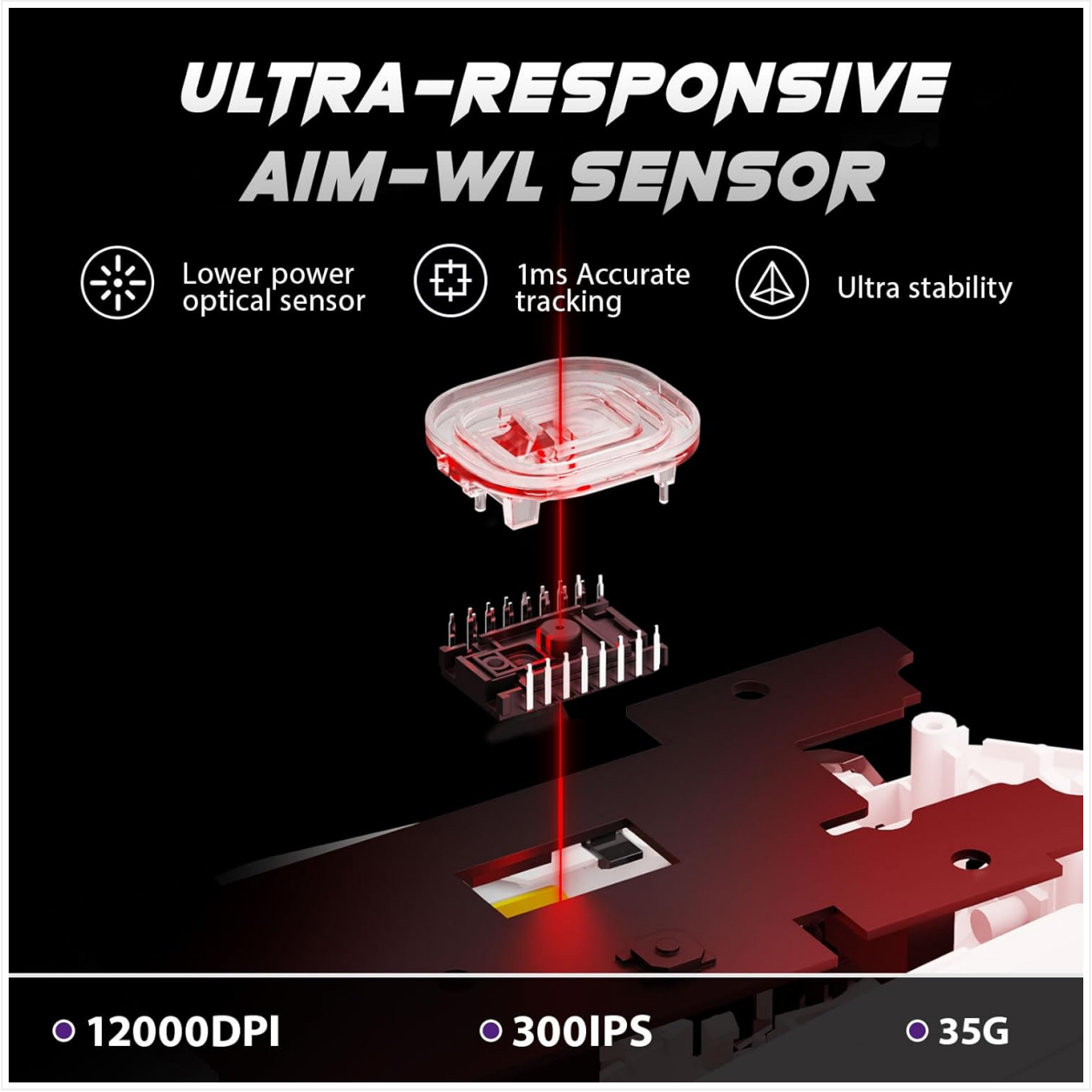

Figure 5: A955 mouse with transparent bottom cover and customizable RGB lighting.

2.2 DAREU EK75RT Mechanical Gaming Keyboard

The DAREU EK75RT is a mechanical gaming keyboard featuring Rapid Trigger Hall Effect Magnetic Switches, offering unparalleled speed and customization for competitive gaming.

- **Rapid Trigger Technology:** Provides faster accuracy and response compared to traditional mechanical keyboards, ideal for quick, repetitive inputs.
- **Customizable Hall Effect Magnetic Switches:** Allows for 40 levels of per-key actuation adjustment from 0.1mm to 4.0mm with 0.1mm precision.
- **4-in-1 Action Keys:** Configure up to four different commands on a single key based on actuation depth.
- **Stable Aluminum Positioning Plate:** A 1.5mm aluminum plate reduces wobbling, enhancing stability and precision during use.
- **RGB Lighting Effects:** Features 50 kinds of RGB light effects, magnetic sensing RGB lighting, and side ambient lighting.
- **TKL Form Factor:** Tenkeyless design offers a compact footprint while retaining full-size functionality.

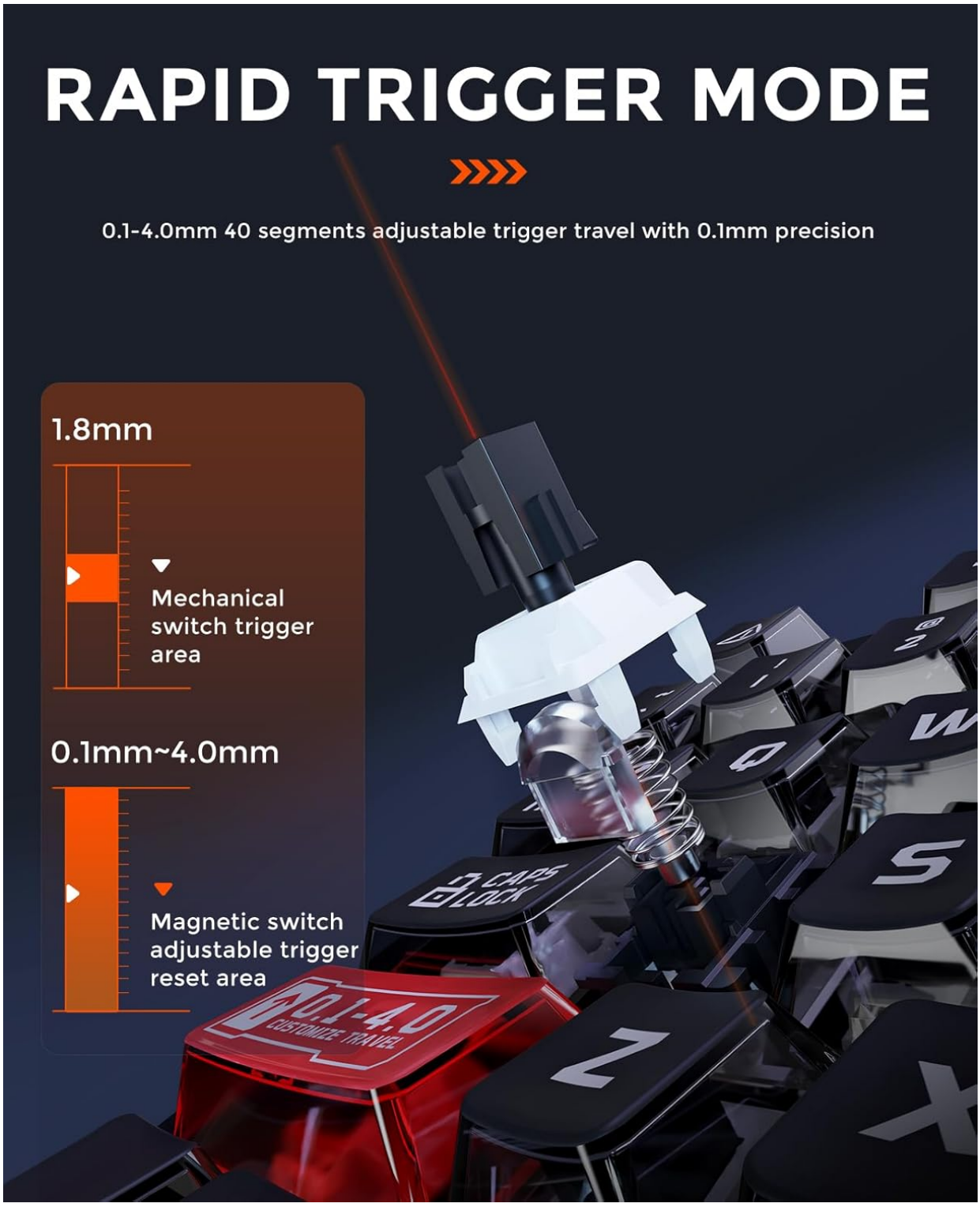

Figure 6: Rapid Trigger Mode functionality of the EK75RT keyboard.

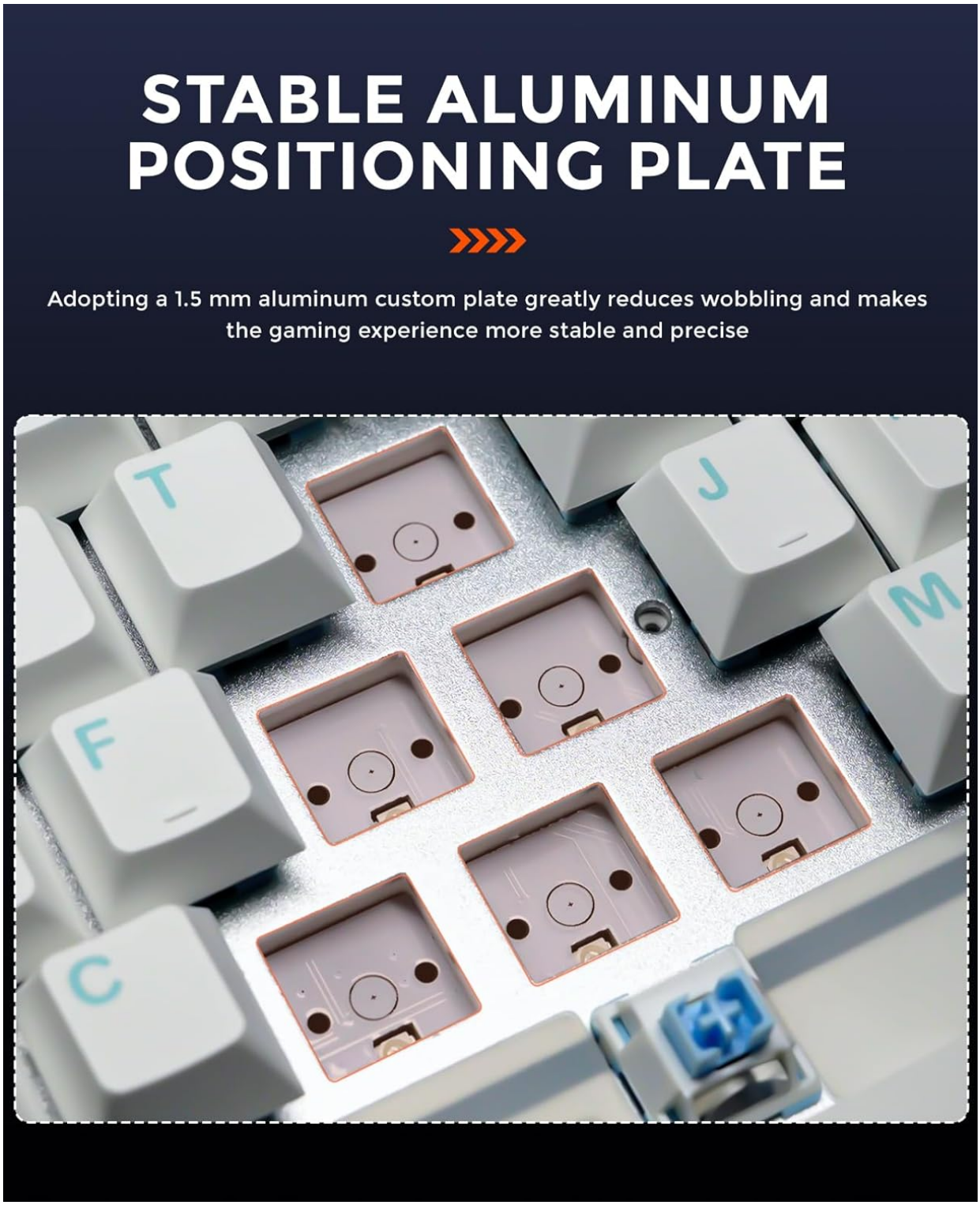

Figure 7: The stable aluminum positioning plate of the EK75RT keyboard.

3. Setup

3.1 DAREU A955 Wireless Gaming Mouse Setup

1. **2.4GHz Wireless Connection:**
    - Locate the USB 2.4GHz receiver inside the mouse or packaging.
    - Plug the receiver into an available USB port on your computer.
    - Turn on the mouse using the power switch located on the bottom. The mouse should automatically connect.

2. **Bluetooth 5.0 Connection:**
    - Switch the mouse to Bluetooth mode using the mode switch on the bottom.
    - On your computer or device, go to Bluetooth settings and search for new devices.
    - Select "DAREU A955" from the list of available devices to pair.
3. **USB-C Wired Connection:**
    - Connect the provided USB-C cable to the mouse and the other end to your computer.
    - The mouse will function in wired mode and charge simultaneously.
4. **Charging:**
    - Place the mouse onto the RGB charging dock, ensuring the magnetic contacts align.
    - Alternatively, connect the USB-C cable directly to the mouse for charging.
    - The RGB lighting on the mouse or dock may indicate charging status.

3.2 DAREU EK75RT Mechanical Gaming Keyboard Setup

1. **Wired Connection:**
    - Connect the provided USB-C cable to the keyboard's USB-C port.
    - Plug the other end of the USB-C cable into an available USB port on your computer.
    - The keyboard will be automatically recognized by your operating system.

4. Operating Instructions

4.1 DAREU A955 Wireless Gaming Mouse Operation

- **DPI Adjustment:** Use the dedicated DPI button (usually located behind the scroll wheel) to cycle through preset DPI levels. The current DPI level may be indicated by an LED color or pattern.
- **Programmable Buttons:** Utilize the DAREU software (see Section 5) to assign custom functions, macros, or keybinds to the mouse's programmable buttons.
- **Battery Status:** The mouse's RGB lighting or an indicator LED may change color or flash to indicate low battery. Charge the mouse when prompted.

4.2 DAREU EK75RT Mechanical Gaming Keyboard Operation

- **Rapid Trigger & Actuation Point Adjustment:** Use the DAREU software to fine-tune the actuation and reset points of individual keys. This allows for precise control over key sensitivity from 0.1mm to 4.0mm.
- **4-in-1 Action Keys:** Configure multiple actions on a single key based on how deep the key is pressed. Refer to the software for detailed setup.
- **RGB Lighting Control:** Use keyboard shortcuts (e.g., Fn + specific keys) to cycle through preset RGB lighting effects, adjust brightness, or change colors. For advanced customization, use the DAREU software.
- **Macro Recording:** The keyboard supports on-the-fly macro recording or macro creation via the DAREU software. Consult the software's help section for detailed macro programming.
- **Function Keys (Fn Combinations):** The EK75RT, despite its TKL form factor, offers full-size functionality through Fn key combinations. Refer to the keyboard's keycap legends or the software for specific Fn functions (e.g., media control, volume, lighting).

5. Customization and Software

To unlock the full potential of your DAREU Gaming Combo, download and install the official DAREU software/driver from the DAREU website. This software allows you to:

- Customize DPI settings and button assignments for the A955 mouse.
- Adjust Rapid Trigger and actuation points for each key on the EK75RT keyboard.
- Create and manage macros for both devices.
- Personalize RGB lighting effects, colors, and brightness.
- Save and switch between multiple profiles for different games or applications.

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to wipe down the surfaces of the mouse and keyboard. For stubborn dirt, a slightly damp cloth with mild soap can be used, ensuring no liquid enters the device. Avoid harsh chemicals or abrasive materials.
- **Keycap Cleaning (Keyboard):** Keycaps can be carefully removed for deeper cleaning. Use a keycap puller to avoid damage. Clean keycaps with water and mild soap, then ensure they are completely dry before reattaching.
- **Sensor Cleaning (Mouse):** Use a cotton swab lightly dampened with isopropyl alcohol to gently clean the optical sensor lens on the bottom of the mouse.
- **Battery Care (Mouse):** To prolong battery life, avoid fully discharging the mouse frequently. Charge it when the low battery indicator appears. Store the mouse in a cool, dry place if not used for extended periods.

7. Troubleshooting

- **Mouse/Keyboard Not Responding:**
  - Ensure the device is powered on.
  - For wireless connections, check battery level and ensure the receiver is securely plugged in (2.4GHz) or Bluetooth is paired correctly.
  - For wired connections, ensure the USB-C cable is firmly connected to both the device and the computer. Try a different USB port.
  - Restart your computer.
- **Lag or Disconnections (Wireless Mouse):**
  - Ensure the 2.4GHz receiver is not obstructed and is close to the mouse.
  - Avoid interference from other wireless devices (e.g., Wi-Fi routers, other 2.4GHz devices).
  - Charge the mouse fully.
- **Keys Not Registering (Keyboard):**
  - Check if the keycap is properly seated.
  - Ensure the keyboard is connected.
  - If using custom actuation settings, try resetting them to default in the software.
- **RGB Lighting Not Working:**

- Ensure the device is powered on.
- Check lighting settings in the DAREU software.
- Try cycling through lighting modes using keyboard shortcuts.

- **Software Not Detecting Device:**
  - Ensure the device is connected and powered on.
  - Restart the software and your computer.
  - Reinstall the DAREU software.

8. Specifications

8.1 DAREU A955 Wireless Gaming Mouse

- **Connectivity:** Tri-mode (2.4GHz Wireless, Bluetooth 5.0, USB-C Wired)
- **Sensor:** AIM-WL Optical Sensor
- **DPI:** Up to 12000 DPI
- **Tracking Speed:** 300 IPS
- **Acceleration:** 50G
- **Buttons:** KBS II Button Technology, 80 million click lifespan
- **Battery:** 930mAh, up to 120 hours playtime
- **Weight:** 88g (approx.)
- **Charging:** USB-C, Magnetic Charging Dock

8.2 DAREU EK75RT 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:** 1.5mm Stable Aluminum Positioning Plate
- **Lighting:** RGB (50 effects, magnetic sensing, side ambient lighting)
- **Connection:** USB-C Wired
- **Compatible Devices:** Laptop, Personal Computer, Tablet

9. Warranty and Support

DAREU products are designed for quality and performance. For warranty information, technical support, or to download the latest drivers and software, please visit the official DAREU website or contact DAREU customer service. Keep your proof of purchase for warranty claims.

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