DAREU A950

DAREU A950 Wing 8K Lightweight Wireless Gaming Mouse User Manual

Model: A950

Introduction

Thank you for choosing the DAREU A950 Wing 8K Lightweight Wireless Gaming Mouse. This manual provides detailed instructions for setting up, operating, and maintaining your new gaming mouse. Designed for professional gamers, the A950 Wing features an ultra-lightweight 35g design, dual 8K Hz polling rate, a custom AIM-750U 30K optical sensor, and durable Omron switches, ensuring a responsive and comfortable gaming experience.

What's in the Box

Verify that all components are present in the package:

- DAREU A950 Wing Gaming Mouse
- 8K Nano Receiver
- USB-C Cable
- Anti-slip Sticker Set
- English Manual (this document)



Image: The DAREU A950 Wing mouse in black, shown with its 8K Nano Receiver connected via USB-C cable.

Product Overview

Familiarize yourself with the components of your DAREU A950 Wing mouse:

Left Click Button: Primary action button.

Right Click Button: Secondary action button.

Scroll Wheel: For vertical scrolling and middle-click function.

Side Buttons (x2): Programmable buttons, typically for forward/backward navigation.

DPI Button (underneath): Used for cycling through DPI settings.

USB-C Port: For wired connection and charging.

Power/Mode Switch: Located on the underside, for switching between wired and wireless modes.

Optical Sensor: High-precision tracking.

Mouse Feet: Low-friction pads for smooth gliding.

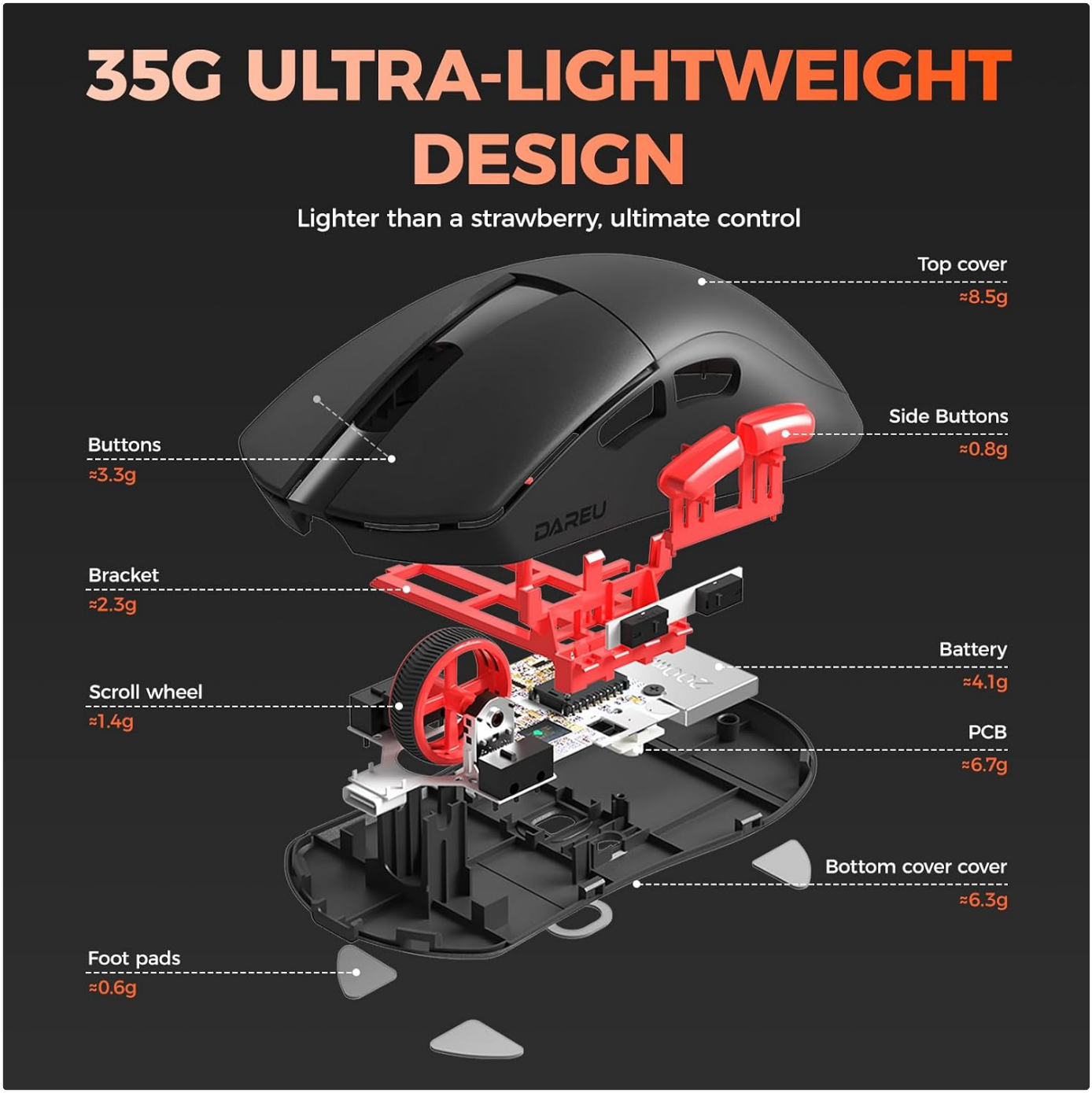


Image: An exploded diagram illustrating the internal components of the DAREU A950 Wing mouse, highlighting its lightweight construction with individual component weights such as top cover, buttons, scroll wheel, battery, PCB, and foot pads.

Setup

Charging the Mouse

Before first use, it is recommended to fully charge the mouse. Connect the supplied USB-C cable to the mouse's USB-C port and the other end to a powered USB port on your computer or a USB wall adapter. A full charge takes approximately 90 minutes and provides up to 70 hours of battery life.



Image: An illustration showing the DAREU A950 Wing mouse with a battery indicator displaying "70H" for battery life and "approx. 90 min" for full charge time.

Connecting the Mouse

The DAREU A950 Wing supports both wired and wireless connections.

1. **Wireless Mode (2.4GHz):**
    a. Insert the 8K Nano Receiver into an available USB-A port on your computer.
    b. Locate the power/mode switch on the underside of the mouse and slide it to the wireless (2.4GHz) position.
    c. The mouse should automatically connect. If not, ensure the receiver is properly inserted and the mouse is charged.
2. **Wired Mode (USB-C):**
    a. Connect the supplied USB-C cable directly from the mouse's USB-C port to a USB-A port on your computer.
    b. Ensure the power/mode switch on the underside of the mouse is in the wired position (or off, depending on

model behavior).

c. The mouse will function as a wired mouse and charge simultaneously.



Image: The DAREU A950 Wing mouse connected via USB-C cable, illustrating its dual-mode connection capability for both wired and 2.4GHz wireless operation.

Operating Instructions

Basic Operation

The left and right click buttons perform standard mouse functions. The scroll wheel allows for vertical navigation through documents and web pages, and can also be pressed for a middle-click action.

DPI Adjustment

The DAREU A950 Wing features a custom AIM-750U optical sensor with up to 30,000 DPI. To cycle through preset DPI settings, hold both side buttons simultaneously for approximately 3 seconds until the scroll wheel light flashes. Continue to hold and release to select the desired DPI level. The specific DPI levels are configurable via the DAREU software.



Image: A detailed diagram of the customized AIM-750U optical sensor, highlighting its capabilities including 50G max acceleration, 750 IPS max speed, and 30000 DPI resolution.

Polling Rate

The mouse supports a dual 8K Hz polling rate in both wired and wireless modes, providing an ultra-low latency response time of 0.125ms. This ensures rapid and precise communication between the mouse and your computer.



Image: A visual comparison demonstrating the 8K Hz polling rate in both wired and wireless modes, showing the reduced response times compared to lower polling rates.

Programmable Buttons and Software

The DAREU A950 Wing features 5 programmable buttons. To customize button functions, DPI settings, macros, and other advanced features, download and install the official DAREU driver software. The software is typically web-based and can be found on the official DAREU website by searching for "Dareu driver".



Image: A composite screenshot displaying various panels of the DAREU A950 Wing software interface, including settings for button assignments, DPI, battery status, and macro management.

Maintenance

Cleaning

To maintain optimal performance, regularly clean your mouse. Use a soft, dry cloth to wipe the surface. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the mouse. Use a cotton swab or compressed air to clean around the scroll wheel and sensor area.

Battery Care

To prolong battery life, avoid fully discharging the mouse frequently. Charge the mouse when the battery indicator is low. Store the mouse in a cool, dry place when not in use for extended periods.

Troubleshooting

- **Mouse not responding:**
  - Ensure the mouse is charged.
  - Check the power/mode switch on the underside of the mouse.
  - For wireless mode, ensure the 8K Nano Receiver is securely plugged into a USB port. Try a different USB port.
  - For wired mode, ensure the USB-C cable is securely connected to both the mouse and the computer. Try a different USB port.
  - Restart your computer.
- **Cursor movement is erratic or jumpy:**
  - Clean the optical sensor on the underside of the mouse.
  - Ensure you are using the mouse on a suitable surface. The AIM-750U sensor supports gaming on glass surfaces, but optimal performance is achieved on a mouse pad.
  - Check for any obstructions around the sensor.
- **DPI settings not changing:**
  - Ensure you are performing the DPI adjustment procedure correctly (holding both side buttons for 3 seconds).
  - Verify settings within the DAREU driver software.

- **8K Hz Polling Rate issues:**
    - Ensure your computer meets the minimum hardware requirements for 8K Hz polling rate.
    - Verify the polling rate setting in the DAREU driver software.

Hardware Requirements for 8K Hz Polling Rate

To fully utilize the 8K Hz polling rate, your system should meet or exceed the following specifications:

- **CPU:** Intel Core i7-9700K or higher / AMD Ryzen 7 3700X or higher
- **Display:** 240Hz+ refresh rate monitor
- **GPU:** NVIDIA GTX 1080 or equivalent / AMD RX 5700 or equivalent
- **RAM:** 16GB or more

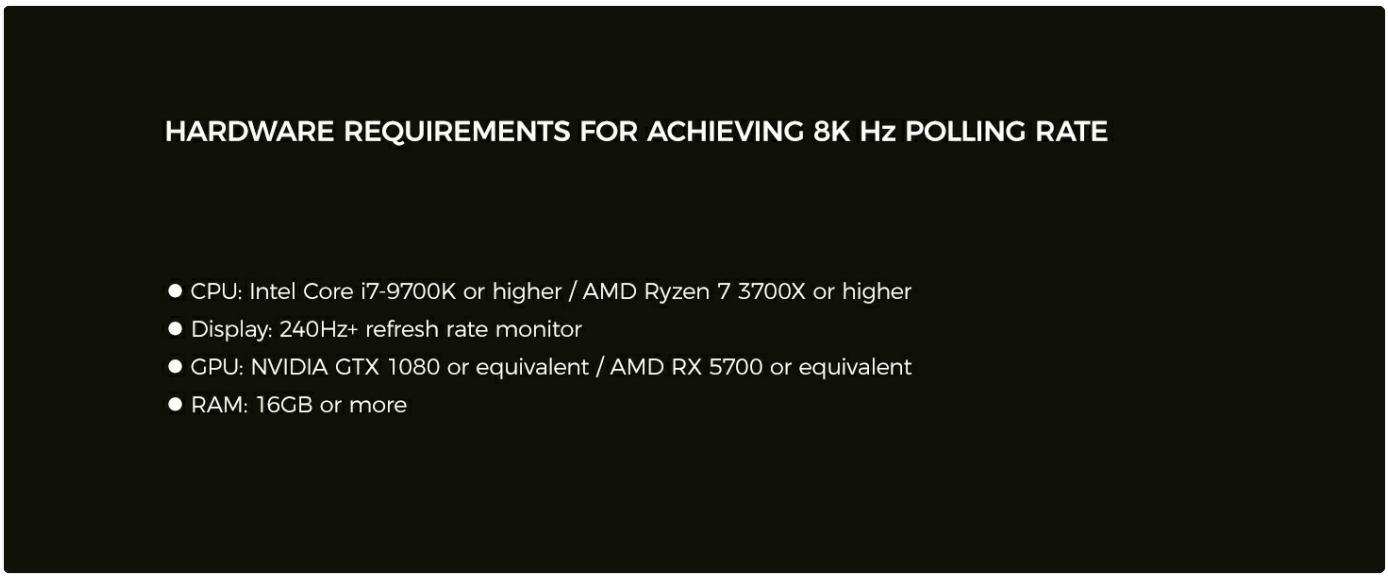


Image: A graphic detailing the recommended hardware specifications for achieving optimal 8K Hz polling rate performance with the DAREU A950 Wing mouse.

Specifications

Feature	Specification
Model	A950
Brand	DAREU
Connectivity	USB (Wired), 2.4GHz (Wireless)
Sensor	Custom AIM-750U Optical Sensor (based on PAW3950)
Max DPI	30,000 DPI
Max Polling Rate	8K Hz (8000 Hz)
Max Acceleration	50G
Max Tracking Speed	750 IPS
Switches	Omron 100 Million Click Lifecycle

Feature	Specification
MCU	Nordic 52840
Weight	35g (1.23 ounces)
Dimensions (L x W x H)	119.5mm x 63mm x 38mm (4.7 x 2.48 x 1.5 inches)
Battery Life	Up to 70 hours
Charging Time	Approx. 90 minutes for full charge
Buttons	5 Programmable Buttons



Image: A diagram illustrating the dimensions of the DAREU A950 Wing mouse and examples of claw grip and fingertip grip styles.

Warranty and Support

For warranty information and technical support, please refer to the warranty card included with your product or visit the official DAREU website. You can also contact DAREU customer service for assistance with product inquiries, troubleshooting, and service requests.
For the latest drivers and software, please visit the DAREU official website.

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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.

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