

DAREU A980

DAREU A980PROMAX Wireless Gaming Mouse User Manual

Model: A980 | Brand: DAREU

INTRODUCTION

This manual provides comprehensive instructions for the DAREU A980PROMAX Wireless Gaming Mouse. Designed for high-performance gaming, this mouse features advanced connectivity options, a customizable TFT color display, and a high-precision optical sensor. Please read this manual thoroughly to ensure proper setup, operation, and maintenance of your device.

PRODUCT FEATURES

- **4K/8K Polling Rate:** Experience ultra-low latency with a 4kHz wireless polling rate and an 8kHz wired polling rate, ensuring instantaneous response and pixel-perfect tracking for competitive gaming.
- **AIM-750U 30K Optical Sensor:** Equipped with an advanced optical sensor featuring auto-adaptive technology for precise tracking on various surfaces, including glass. Supports up to 750 IPS speed, 50g acceleration, and 30,000 programmable DPI.
- **0.85" TFT Color Display Screen:** A vibrant display screen provides quick access to mouse status information such as connection mode, battery level, DPI, polling rate, and custom GIF patterns.
- **Magnesium Alloy Buttons:** Durable magnesium alloy buttons with Black Mamba switches offer superior tactility, faster rebound, and crisp, clear clicks for enhanced control.
- **Tri-Mode Connection:** Supports wired USB-C, Bluetooth 5.1, and 2.4GHz wireless connectivity, offering versatile compatibility with PC, laptop, Mac, and tablet devices across Windows and macOS systems.

SETUP

Package Contents

Before you begin, ensure all items are present in the package:

- DAREU A980PROMAX Wireless Gaming Mouse

- USB-C to USB-A Paracord Cable
- 2.4G Wireless Adapter (4K polling rate)
- Nano Receiver (USB-A)
- Storage Bag
- Grip Tape
- PTFE Mouse Feet (extra set)
- User Manual

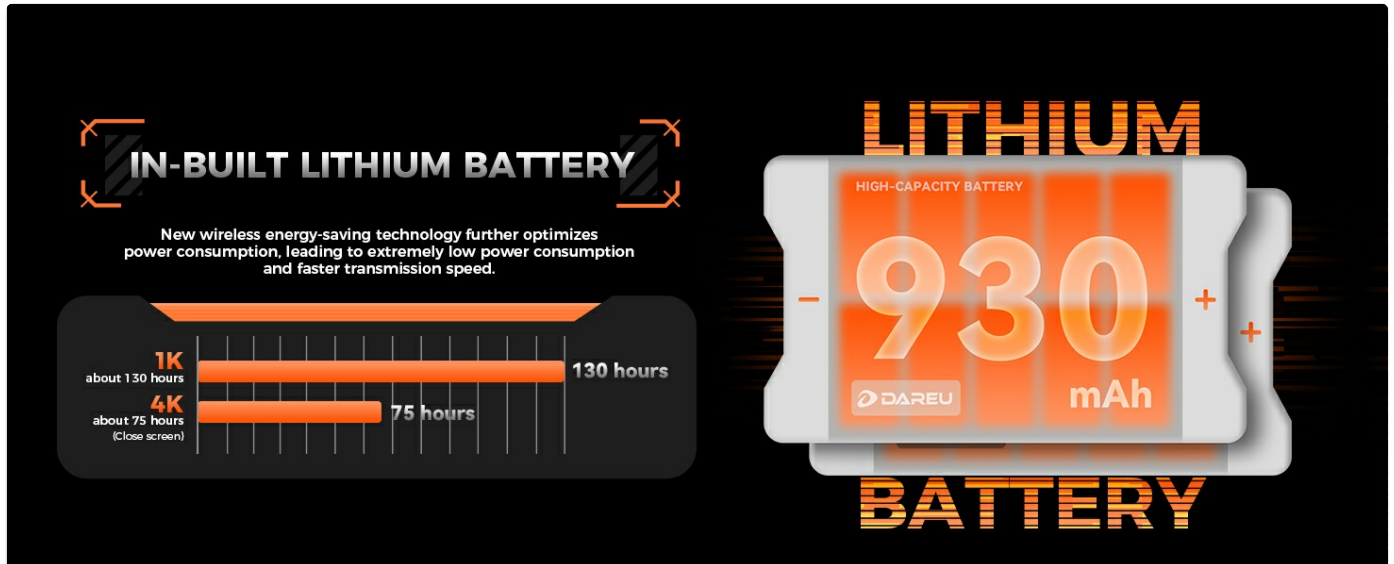


Image: Overview of all items included in the DAREU A980PROMAX Wireless Gaming Mouse package.

Initial Charging

For optimal performance, fully charge the mouse before first use.

1. Connect the USB-C end of the provided cable to the mouse's charging port.
2. Connect the USB-A end of the cable to a powered USB port on your computer or a USB wall adapter.
3. The TFT display will show charging status. A full charge typically takes a few hours.

Connectivity Options

The DAREU A980PROMAX offers three connection modes:

- **2.4GHz Wireless (with 4K Polling Rate):**
 - a. Locate the 2.4G wireless adapter.
 - b. Plug the adapter into an available USB-A port on your computer.
 - c. Slide the switch on the bottom of the mouse to the "2.4G" position. The mouse will automatically connect.
- **Bluetooth 5.1:**
 - a. Slide the switch on the bottom of the mouse to the "BT" position.
 - b. Press and hold the Bluetooth pairing button (usually near the switch) for 3 seconds until the mouse enters pairing mode.
 - c. On your device (PC, laptop, tablet), go to Bluetooth settings and select "DAREU A980PROMAX" to pair.
- **Wired USB-C (with 8K Polling Rate):**
 - a. Connect the USB-C end of the provided cable to the mouse.
 - b. Connect the USB-A end of the cable to your computer's USB port.

c. The mouse will automatically switch to wired mode and operate at an 8K polling rate.

TRI-MODE CONNECTION

BT/High-performance wireless/USB wired connection
Switching among different systems easily (Win, Mac, IOS, etc)





USB
wired



High-performance
wireless



BT
5.1

Image: The DAREU A980PROMAX mouse showcasing its USB wired, high-performance wireless (2.4G), and Bluetooth 5.1 connectivity options.

Image: A visual representation comparing transmission times for different polling rates (1000Hz, 2000Hz, 4000Hz, 8000Hz) for the DAREU A980PROMAX mouse.

OPERATING INSTRUCTIONS

DPI Adjustment

The mouse supports programmable DPI settings up to 30,000 DPI. You can adjust DPI using the dedicated DPI button on the bottom of the mouse or through the DAREU software.

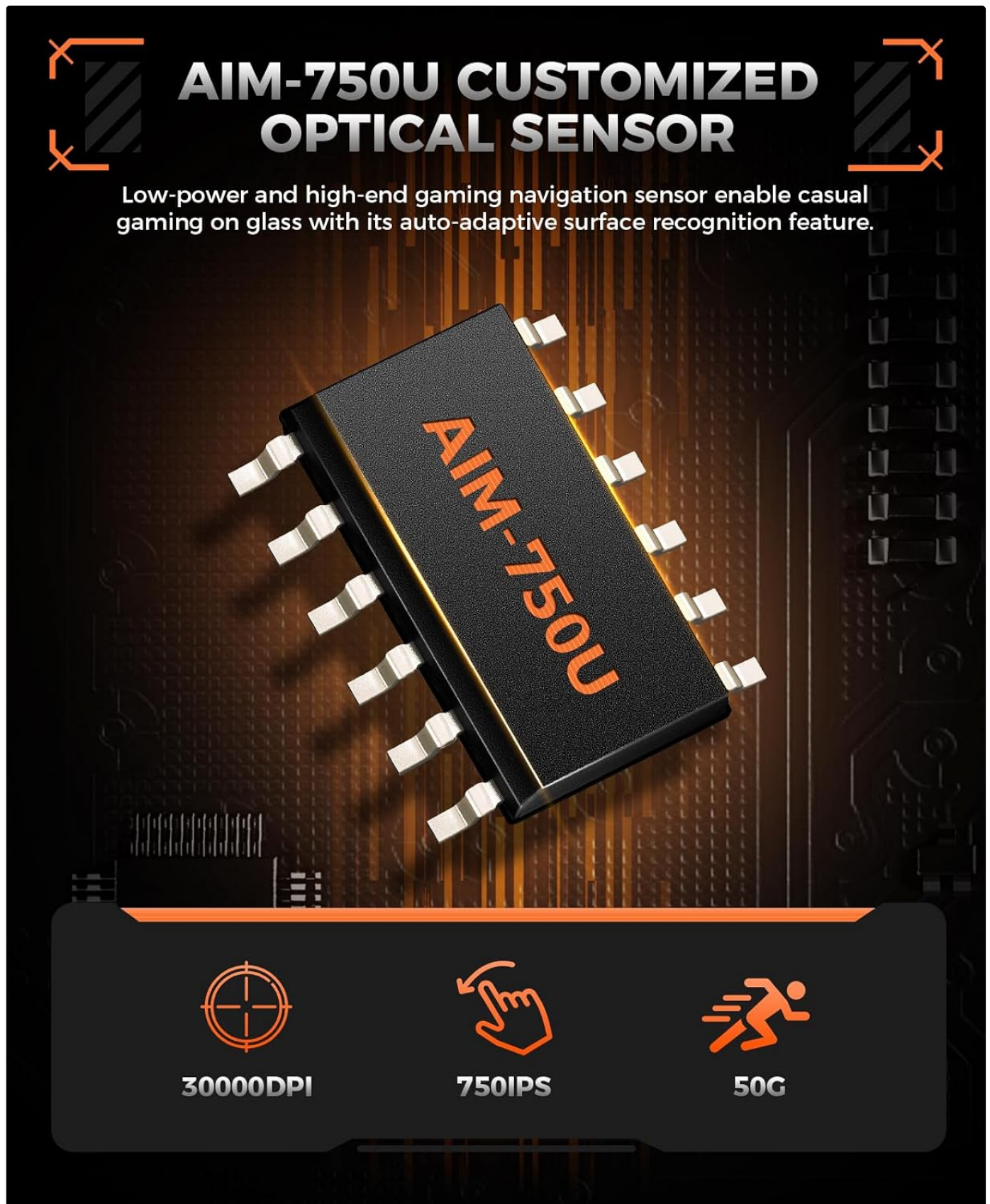


Image: Close-up of the AIM-750U customized optical sensor, highlighting its 30000 DPI, 750 IPS, and 50G capabilities.

TFT Color Display Usage

The 0.85" TFT color display provides real-time information and customization options:

- **Query Status:** The screen displays connection mode, battery percentage, current DPI, and polling rate.
- **Function Page:** Press the FN+wheel button to enter the function page.
- **Switch/Adjust Functions:** Use FN+wheel up/down to navigate and adjust settings.
- **Turn On/Off TFT:** Press the Backward + Right button simultaneously for 5 seconds.
- **Custom GIF Patterns:** Personalize your mouse by uploading custom GIF images via the DAREU software.

CUSTOMIZABLE 0.85" TFT DISPLAY

Check and adjust the mouse status quickly.
Customize GIF images (Via driver).

0.85" TFT



 CHARGING


30000

8000 $\Rightarrow$ Hz



0.85" TFT
DISPLAY

TFT:

FN+wheel button: Enter the function page

FN+wheel up/down: Switch /adjust functions

Backward + right button (5s): Turn on/off TFT



DPI switch



Polling rate



Onboard



Standby



Brightness

Image: The DAREU A980PROMAX mouse highlighting its 0.85" TFT color display and its various functions including DPI switch, polling rate, onboard memory, standby, and brightness.

Your browser does not support the video tag.

Video: A short demonstration on how to customize the GIFs displayed on the A980 Pro Max Mouse's TFT screen using the DAREU software.

Programmable Buttons and Software

The DAREU A980PROMAX mouse features magnesium alloy buttons and Kailh GM8.0 Black Mamba switches for precise clicks. Utilize the DAREU software to customize button functions, set macros, adjust DPI, polling rate, and manage custom GIF patterns.

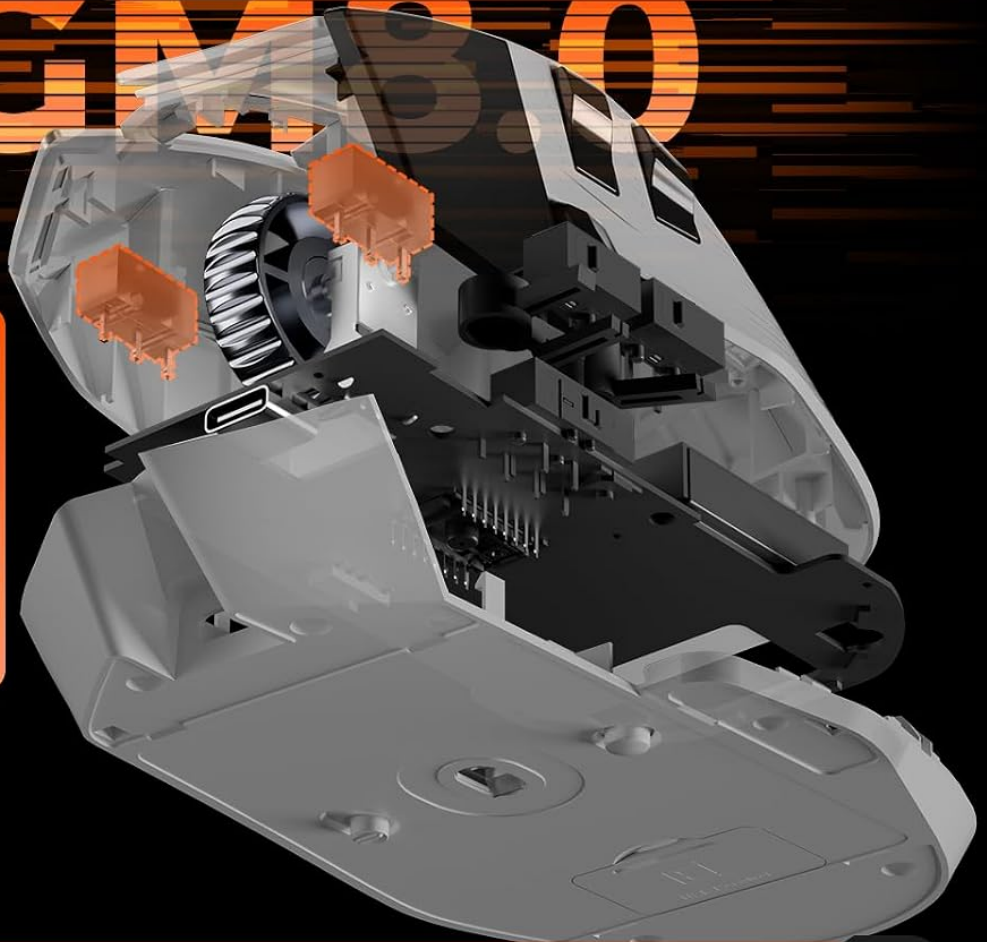


Image: The DAREU A980PROMAX mouse highlighting its magnesium alloy buttons for improved tactility and durability.

KAILH GM8.0 BLACK MAMBA SWITCH

Matched with Al-Mg alloy button,
provides clean and crispy clicking feelings.

GM8.0



Button Life:

80M

Trigger:

0.2mm

Material:

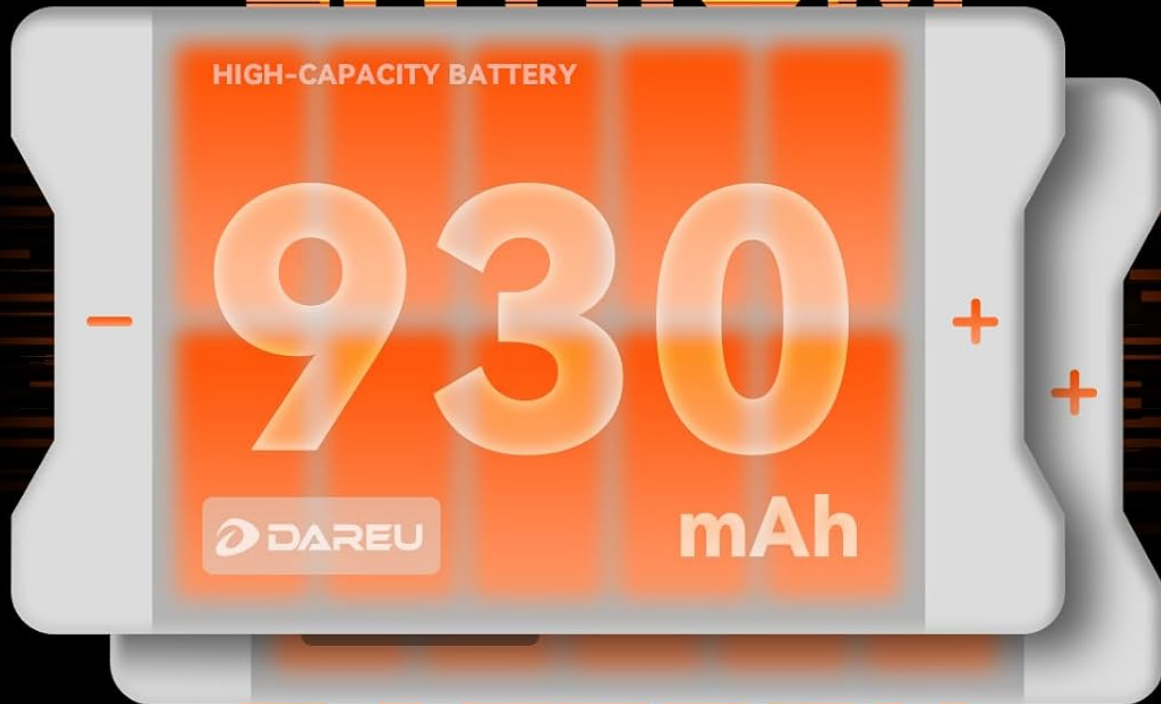
Gold plated

Image: An exploded view of the DAREU A980PROMAX mouse showing the Kailh GM8.0 Black Mamba switches, noting their 80M button life, 0.2mm trigger, and gold-plated material.

IN-BUILT LITHIUM BATTERY

New wireless energy-saving technology further optimizes power consumption, leading to extremely low power consumption and faster transmission speed.

LITHIUM



BATTERY



Image: Screenshot of the DAREU A980 PRO MAX all-in-one driver software interface, showing options for DPI, lighting modes, polling rate, TFT GIF definition, and macro settings.

Your browser does not support the video tag.

Video: An overview of the DAREU A980PROMAX 8K/4K Hz Wireless Gaming Mouse, highlighting its features and performance.

Your browser does not support the video tag.

Video: A demonstration of the A980 ProMax 8K Gaming Mouse with 30000 DPI and its custom LCD display capabilities.

Your browser does not support the video tag.

MAINTENANCE

Cleaning

Regular cleaning helps maintain the mouse's performance and appearance:

- Use a soft, dry cloth to wipe the surface of the mouse.
- For stubborn dirt, slightly dampen the cloth with water or a mild cleaning solution. Avoid harsh chemicals.
- Clean the optical sensor area on the bottom of the mouse with a cotton swab to ensure accurate tracking.

Battery Care

The mouse is equipped with a 930mAh in-built lithium battery. To prolong battery life:

- Avoid fully discharging the battery frequently.
- Store the mouse in a cool, dry place when not in use for extended periods.
- Charge the mouse regularly, even if not used daily, to maintain battery health.

ALL-IN-ONE DRIVER

DPI, lighting modes, polling rate, TFT gif definition, Macro, etc. could all be set and saved via the driver.

ALL-IN-ONE



Image: Diagram illustrating the 930mAh high-capacity lithium battery inside the DAREU A980PROMAX mouse, with estimated battery life at different polling rates.

TROUBLESHOOTING

• Mouse Not Responding:

- Check battery level on the TFT display. Recharge if low.
- Ensure the correct connection mode (2.4G, BT, Wired) is selected on the bottom switch.
- For 2.4G wireless, ensure the adapter is securely plugged in. Try a different USB port.

- For Bluetooth, ensure the mouse is paired and within range. Re-pair if necessary.
- For wired mode, ensure the cable is securely connected to both the mouse and the computer.
- Restart your computer.

• **Inconsistent Tracking/Cursor Jumps:**

- Clean the optical sensor on the bottom of the mouse.
- Ensure the mouse is used on a clean, suitable surface. Avoid highly reflective or uneven surfaces.
- Check for interference from other wireless devices if using 2.4G or Bluetooth.
- Update mouse drivers via the DAREU software.

• **TFT Display Not Working:**

- Ensure the mouse is powered on.
- Try turning the TFT display off and on again by pressing the Backward + Right button simultaneously for 5 seconds.
- Check for software updates for the DAREU driver.

• **Buttons Not Clicking Properly:**

- Ensure no debris is lodged under the buttons.
- If issues persist, contact DAREU support.

SPECIFICATIONS

Feature	Detail
Brand	DAREU
Model Number	A980
Connectivity Technology	USB/2.4G/BT (Tri-Mode)
Movement Detection Technology	Optical (AIM-750U 30K Sensor)
Polling Rate	4K (Wireless), 8K (Wired)
DPI	Up to 30,000 (Programmable)
Display	0.85" TFT Color Display
Buttons	Magnesium Alloy Buttons, Kailh GM8.0 Black Mamba Switches
Battery	930mAh Lithium Ion (Included)
Product Dimensions	5 x 2.88 x 0.04 inches
Item Weight	2.57 ounces
Color	White
Country of Origin	China

WARRANTY AND SUPPORT

Specific warranty details for the DAREU A980PROMAX Wireless Gaming Mouse are not provided in this manual. For warranty information, technical support, or service inquiries, please refer to the official DAREU website or contact their customer support directly.

You can visit the DAREU store on Amazon for more information:[DAREU Gaming Direct Store](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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.

Submit question