

KYSONA Jupiter Ultra

KYSONA Jupiter Ultra Wireless Gaming Mouse Instruction Manual

Model: Jupiter Ultra

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your KYSONA Jupiter Ultra Wireless Gaming Mouse. Please read this manual thoroughly to ensure optimal performance and longevity of your device. The KYSONA Jupiter Ultra is designed for high-performance gaming, featuring advanced sensor technology, durable switches, and an ultralight design.

2. PRODUCT OVERVIEW

The KYSONA Jupiter Ultra is a state-of-the-art wireless gaming mouse engineered for precision and speed. Key features include:

- **Top-Tier PAW3950 Sensor:** Delivers up to 42,000 DPI for ultra-precise tracking.
- **Durable Optical Switches:** Provides lightning-fast response times and a lifespan of up to 70 million clicks.
- **Ultra-Lightweight 49g Design:** Reduces wrist fatigue and enables swift, agile movements.
- **Powerful Nordic 52840 MCU:** Ensures stable, low-latency performance for both wired and wireless connections.
- **8000Hz Polling Rate:** Supports an 8000Hz polling rate in both wired and wireless modes for real-time responsiveness.
- **Ice-feeling Coating:** A superfine, wear-resistant, and sweat-proof coating for a secure grip.



Image 2.1: KYSONA Jupiter Ultra Wireless Gaming Mouse, showing the mouse, grip tapes, and 2.4GHz dongle.

Superlight

46g



Industry-leading technology in mouse weight reduction
Sturdy exterior shell, Balanced interior design
Effortless grip, Stress-free wrist

Image 2.2: Exploded view illustrating the ultralight internal structure of the 49g mouse.

Omron Optical Micro Switch



Faster Rebound
3x faster than general mechanical switches
Avoid double-clicking, More Durable
Up to 70 Million clicks lifecycle

Image 2.3: Detailed view of the Omron Optical Micro Switch, highlighting its fast rebound and durability.

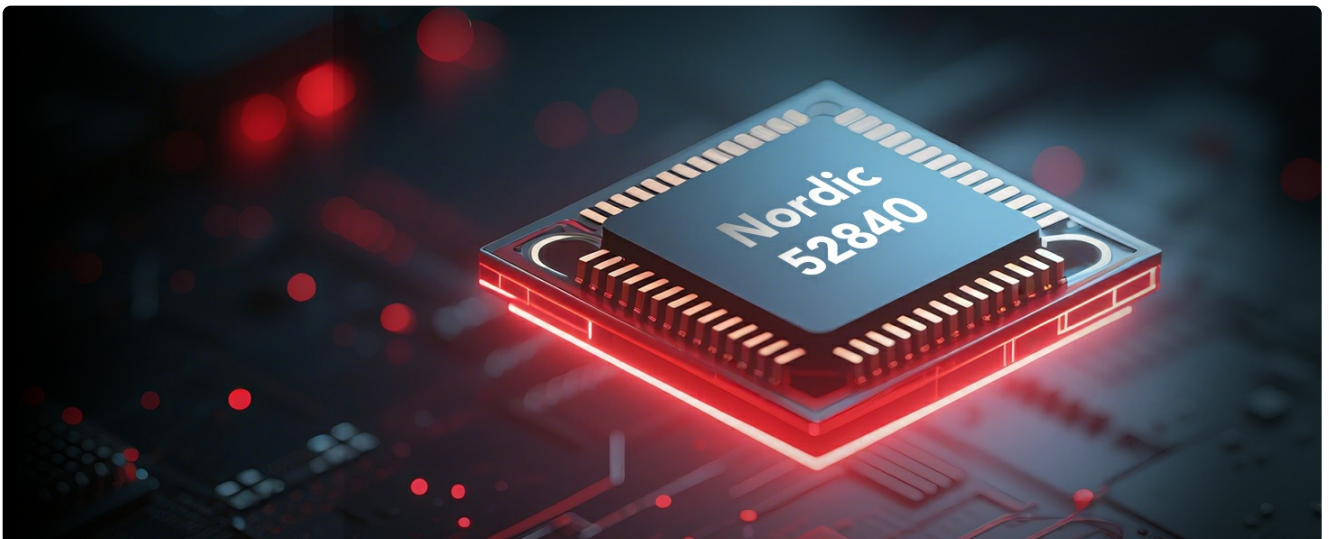


Image 2.4: The Nordic 52840 MCU chip, responsible for stable and low-latency performance.

Ice-feeling Coating First-Rate Tactile Experience



Superfine coating
Ice-cold touch
Wear-resistant, hand sweat-proof, not easy to slip

Image 2.5: The mouse surface, showcasing the ice-feeling coating for enhanced grip and durability.

3. SETUP

3.1 Package Contents

- KYSONA Jupiter Ultra Wireless Gaming Mouse
- 2.4GHz Wireless Dongle
- USB-C Charging/Data Cable
- Grip Tapes (optional)

3.2 Charging the Mouse

Before first use, it is recommended to fully charge the mouse. Connect the supplied USB-C cable to the mouse's front port and the other end to a USB power source (e.g., computer USB port, USB wall adapter). The LED indicator on the mouse will show charging status.

3.3 Connectivity Options

The Jupiter Ultra offers three connectivity modes: 2.4GHz wireless, Bluetooth, and wired.

3.3.1 2.4GHz Wireless Connection

1. Insert the 2.4GHz wireless dongle into an available USB port on your computer.
2. Turn on the mouse using the power switch located on the bottom.
3. The mouse should automatically connect to the dongle. The LED indicator will confirm connection.



Image 3.1: The USB-C cable connected to the 8K high-speed dongle, illustrating the wired connection option or dongle setup.

3.3.2 Bluetooth Connection

1. Switch the mouse to Bluetooth mode using the switch on the bottom.
2. On your computer, navigate to Bluetooth settings and enable Bluetooth.
3. Select "Add a device" and choose the KYSONA Jupiter Ultra from the list of available devices to pair.

3.3.3 Wired Connection

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

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Use the power switch on the bottom of the mouse to turn it on or off. For optimal battery life, turn off the mouse when not in use.

4.2 DPI Adjustment

The mouse features a dedicated DPI button (usually located behind the scroll wheel) to cycle through preset DPI levels. The LED indicator will change color to indicate the current DPI setting. Default DPI settings can be customized via the KYSONA HUB software.

4.3 Polling Rate

The Jupiter Ultra supports an 8000Hz polling rate in both 2.4GHz wireless and wired modes. This means the mouse reports its position to your computer 8000 times per second, significantly reducing input lag and providing smoother tracking compared to standard 1000Hz mice.



Image 4.1: Diagram showing the benefit of 8000Hz HyperPolling Technology for smoother tracking.

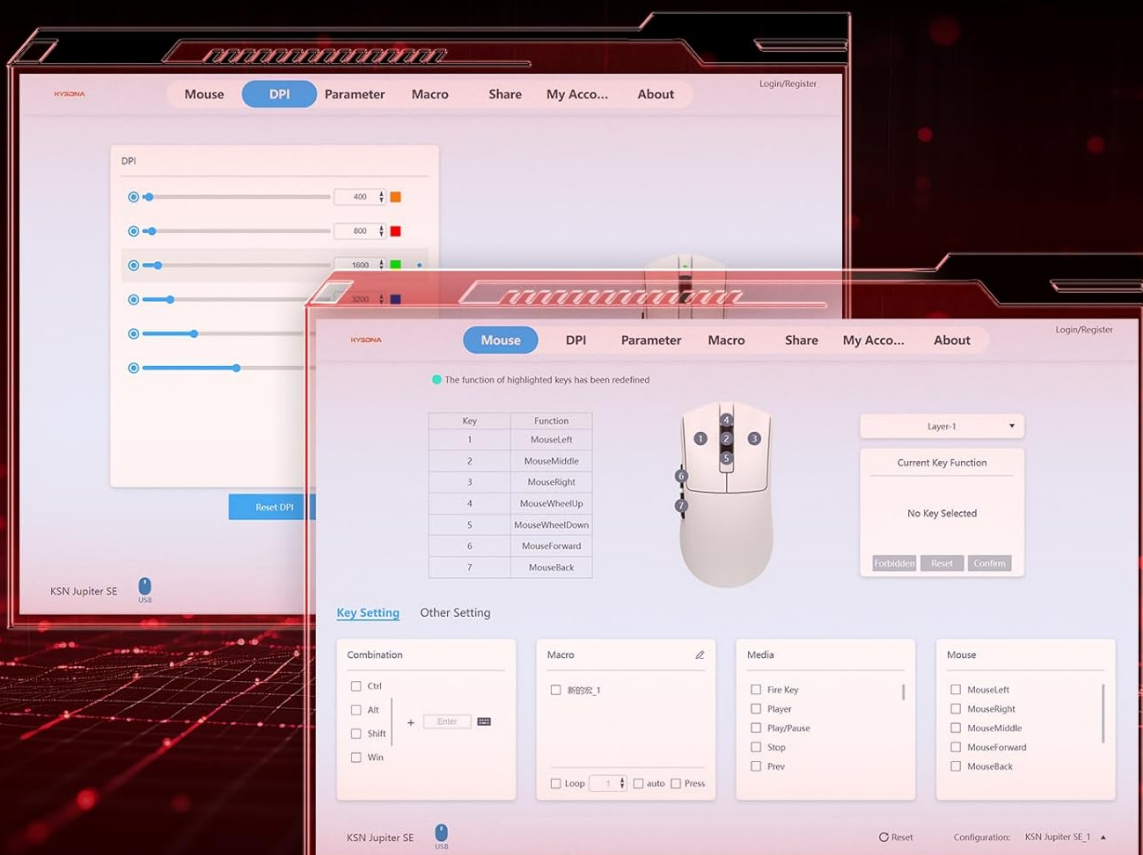
4.4 Programmable Buttons

The mouse is equipped with programmable buttons that can be customized using the KYSONA HUB software. This allows you to assign macros, media controls, or other functions to enhance your gaming or productivity.

5. CUSTOMIZATION

For advanced customization of DPI, polling rate, LOD (Lift-Off Distance), macros, and button assignments, utilize the KYSONA HUB software or the web driver. This software provides a user-friendly interface to tailor the mouse settings to your preferences.

- **Download Software:** Visit the official KYSONA website to download the latest KYSONA HUB software.
- **Web Driver:** Alternatively, access the web driver directly from the KYSONA website for instant access without installation.



**Ultimate Customization
Dual Drivers
KYSONA HUB / Web Driver**

The screenshot displays the KYSONA HUB / Web Driver interface. The main window is titled "Ultimate Customization Dual Drivers KYSONA HUB / Web Driver". The interface is divided into several sections:

- DPI Section:** Features five sliders for adjusting DPI, with values ranging from 400 to 3200. A "Reset DPI" button is located at the bottom.
- Parameter Section:** A table showing key functions for keys 1 through 7. A mouse icon highlights the corresponding keys. A "Current Key Function" dropdown is set to "Layer-1" and shows "No Key Selected". Buttons for "Forbidden", "Reset", and "Confirm" are present.
- Macro Section:** Includes a "Macro" input field with a "Loop" checkbox and "auto" and "Press" options.
- Media Section:** Lists media control options: Fire Key, Player, Play/Pause, Stop, and Prev.
- Mouse Section:** Lists mouse button options: MouseLeft, MouseRight, MouseMiddle, MouseForward, and MouseBack.

At the bottom of the interface, there is a "Key Setting" section with checkboxes for Ctrl, Alt, Shift, and Win, and a "Combination" field. The status bar at the bottom indicates "KSN Jupiter SE" and "Configuration: KSN Jupiter SE_1".

**Customize DPI, polling rate, LOD, macros, and more.
No need to download. Log into our webpage for instant access.
Efficient, convenient, and easy to operate.**

Image 5.1: Screenshot of the KYSONA HUB / Web Driver interface, showing options for DPI, parameter, and macro customization.

6. MAINTENANCE

6.1 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 with mild soap can be used, ensuring no liquid enters the mouse. Avoid abrasive cleaners or solvents.

6.2 Battery Care

The mouse contains a nonstandard rechargeable 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.
- Use the provided USB-C cable for charging.

7. TROUBLESHOOTING

7.1 Mouse Not Responding

- Ensure the mouse is powered on.
- Check battery level and charge if necessary.
- For 2.4GHz wireless, ensure the dongle is securely plugged into a working USB port. Try a different USB port.
- For Bluetooth, ensure Bluetooth is enabled on your computer and the mouse is paired. Try re-pairing.
- For wired connection, ensure the USB-C cable is securely connected to both the mouse and the computer.
- Try restarting your computer.

7.2 Intermittent Connectivity/Lag

- Ensure the dongle is close to the mouse and not obstructed by metal objects.
- Avoid using the mouse near other strong wireless interference sources (e.g., Wi-Fi routers, other wireless devices).
- Update mouse drivers via the KYSONA HUB software or official website.
- If issues persist, try using the mouse in wired mode.

7.3 Charging Issues

- Ensure the USB-C cable is fully inserted into both the mouse and the power source.
- Try a different USB port or power adapter.
- Check the USB-C cable for any damage.

8. SPECIFICATIONS

Below are the technical specifications for the KYSONA Jupiter Ultra Wireless Gaming Mouse:

Feature	Specification (Jupiter Ultra)
Dimensions	128 x 64 x 40 mm
Weight	49g (approx.)
Sensor	PixArt PAW3950 Optical Sensor
Max DPI	42,000 DPI

Feature	Specification (Jupiter Ultra)
Switches	Omron Optical Micro Switches (70 Million Clicks)
Polling Rate	Dual 8000Hz (2.4GHz Wireless & Wired)
MCU	Nordic 52840
Connectivity	2.4GHz Wireless, Bluetooth, USB-C Wired
Battery	300mAh Nonstandard Battery (included)
Coating	Ice-feeling Coating
Special Features	Lightweight, Programmable Buttons

Jupiter Series	Jupiter Ultra	Jupiter Pro	Jupiter SE
Dimension	128×64×40mm		
Weight	47g±3g	49g±3g	46g±3g
Driver	Software	Support Dual Drivers Software/Web Driver	
Coating	Ice-feeling coating		Standard
Sensor	PAW3950	PAW3395	PAW3311
Switch	Omron Optical Micro Switch	Huano 100 Million	Huano 20 Million
Polling Rate	Dual 8000Hz	8000 Hz	1000 Hz
Battery	300mAh	500mAh	300mAh
Resolution	30000DPI	26000DPI	24000DPI

Image 8.1: Detailed specifications comparison for the KYSONA Jupiter series, including the Jupiter Ultra.

9. WARRANTY AND SUPPORT

9.1 Warranty Information

KYSONA products are covered by a manufacturer's warranty against defects in materials and workmanship. The specific duration and terms of the warranty may vary by region. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, warranty inquiries, or further information, please visit the official KYSONA website or contact their customer support team. You can typically find contact details and support resources on the brand's official website.

Official KYSONA Store: [Visit the KYSONA Store on Amazon](#)

