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› Incott G23 Series Gaming Mouse User Manual

Mechkeys G23 Series

Incott G23 Series Gaming Mouse User Manual

Model: G23 Series | Brand: Mechkeys

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Incott G23 Series Gaming Mouse. The Incott G23 Series Gaming Mouse offers versatile connectivity with both wireless 2.4G and wired dual-mode options, featuring hot-swappable switches and fast charging capabilities for an enhanced gaming experience.



Figure 1: Incott G23 Series Gaming Mouse (Red)

WHAT'S IN THE BOX

Upon opening the package, please ensure all the following items are present:

- Mouse x 1
- 1K USB receiver x 1 (for G23 only)
- Receiver expander x 1 (for G23 only)

- 8K receiver x 1 (for G23 Pro only)
- USB-C cord x 1
- Mouse feet (pre-attached to the bottom of the mouse; kindly tear off the blue protective film before use)



Figure 2: Package Contents of Incott G23 Series Gaming Mouse

SETUP

Connection Method

The Incott G23 Series Gaming Mouse supports both wired and wireless connectivity.

Connection Method



USB Type-c



Wired Mode

Use the charging cable to connect the mouse to any USB port on the computer.



Wireless Mode

Use the USB wireless receiver to connect to the computer via the cable **(1K Version)**.



Connect the 8K receiver to the computer via the cable **(8K)**.



Figure 3: Connection Methods

- **Wired Mode:** Use the provided USB-C charging cable to connect the mouse directly to any USB port on your computer.
- **Wireless Mode (1K Version):** Connect the 1K USB wireless receiver to your computer via the provided cable.
- **Wireless Mode (8K Version):** Connect the 8K receiver to your computer via the provided cable.

8K Pairing Steps

Follow these steps to pair your 8K receiver with the mouse:

1. When the mouse is in the off state, press and hold buttons 1, 2, and 3 simultaneously.
2. While performing Step 1, toggle the bottom switch (Button 7) to the 'ON' position.
3. The indicator light on top of the mouse will first flash blue, then turn yellow. Release the buttons when the yellow light starts flashing.
4. The yellow light will continue to flash. Then, connect the 8K dongle to your computer's USB port using the USB cable, keeping the mouse close to the receiver. Once the connection is successful, you'll be able to move and operate the mouse.

Note: If the mouse's indicator light flashes red and yellow, it means it is in 1K pairing mode. To switch back to 8K mode, turn off the mouse, hold button 4 while in the "OFF" position, then switch button 7 back to "ON". If the light continues to flash yellow, repeat the above steps to pair with 8K mode.

Caution: The receiver should not be plugged into the computer's USB port during the pairing process. Connect the receiver only after completing steps 1, 2, and 3 when the mouse indicator is flashing yellow.

DPI and Polling Rate Switch

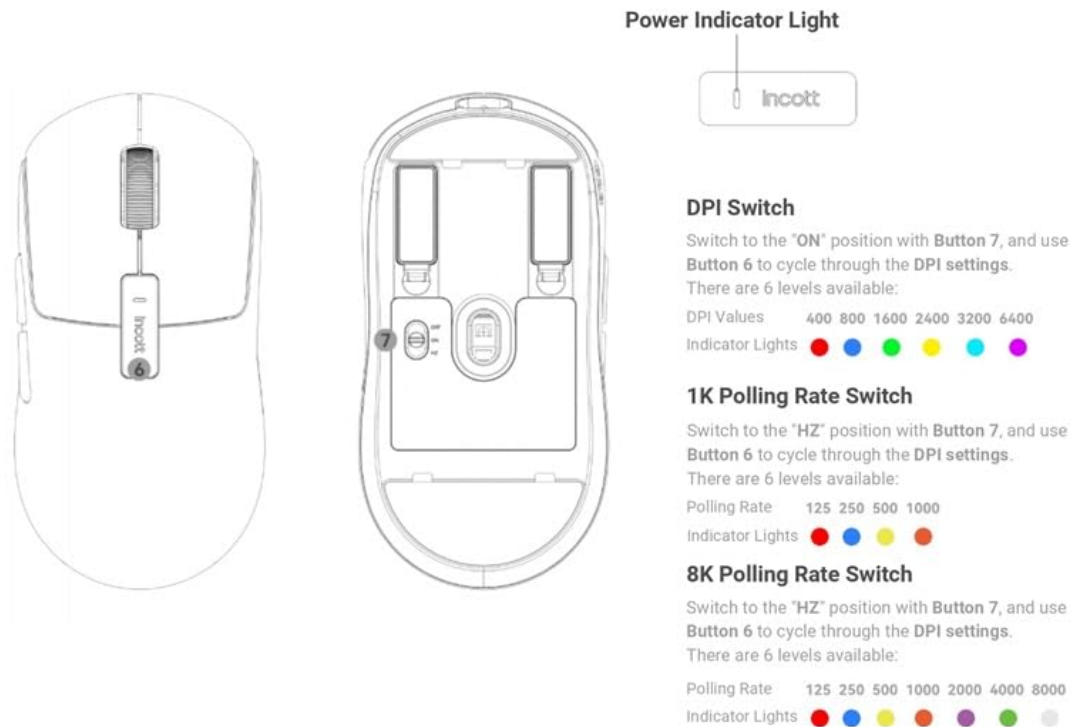


Figure 4: 8K Pairing Steps

Pairing Guide Video

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Video 1: Incott G23 8K and 1K USB Receiver Pair Guide. This video demonstrates the steps for pairing your Incott G23 mouse with both 8K and 1K USB receivers, showing the button presses and indicator light behaviors.

Recommended Usage Environment

To achieve the best wireless transmission state, please use the mouse within 20 cm of the receiver and keep a distance of at least 2 meters from 2.4 GHz interference sources (such as WiFi routers).

Recommended Usage Environment

To achieve the best wireless transmission state, please use the mouse within **20 cm** of the receiver and keep a distance of at least **2 meters** from 2.4 GHz interference sources (such as **WiFi routers**).



Figure 5: Recommended Usage Environment

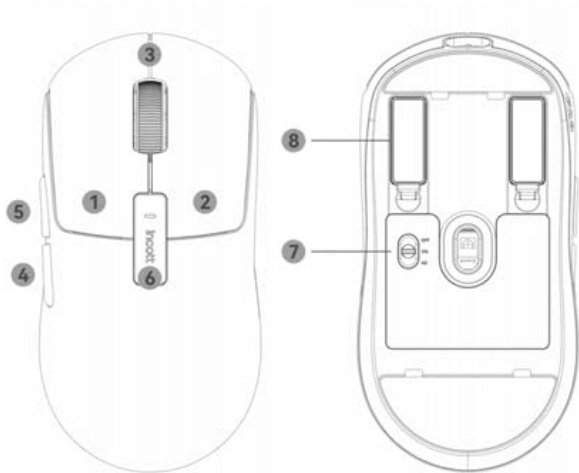
OPERATING INSTRUCTIONS

Button Functions

The Incott G23 Series Gaming Mouse features several programmable buttons.

G23 Series Wireless Gaming Mouse User Manual

Button Functions



- ① Left Mouse Button
- ② Right Mouse Button
- ③ Scroll Wheel Button
- ④ Back Button
- ⑤ Forward Button
- ⑥ 1K Receiver Storage | DPI / Polling Rate Switch
- ⑦ OFF: Power Off
ON: Power On
HZ: Power On / Polling Rate Switch Mode
- ⑧ Microswitch Hot-Swap

Figure 6: Button Functions

1. Left Mouse Button
2. Right Mouse Button
3. Scroll Wheel Button
4. Back Button
5. Forward Button
6. 1K Receiver Storage | DPI / Polling Rate Switch
7. OFF: Power Off, ON: Power On, HZ: Power On / Polling Rate Switch Mode
8. Microswitch Hot-Swap (location for switch replacement)

DPI and Polling Rate Switch

Adjust the mouse's sensitivity (DPI) and polling rate using the dedicated switch and button.

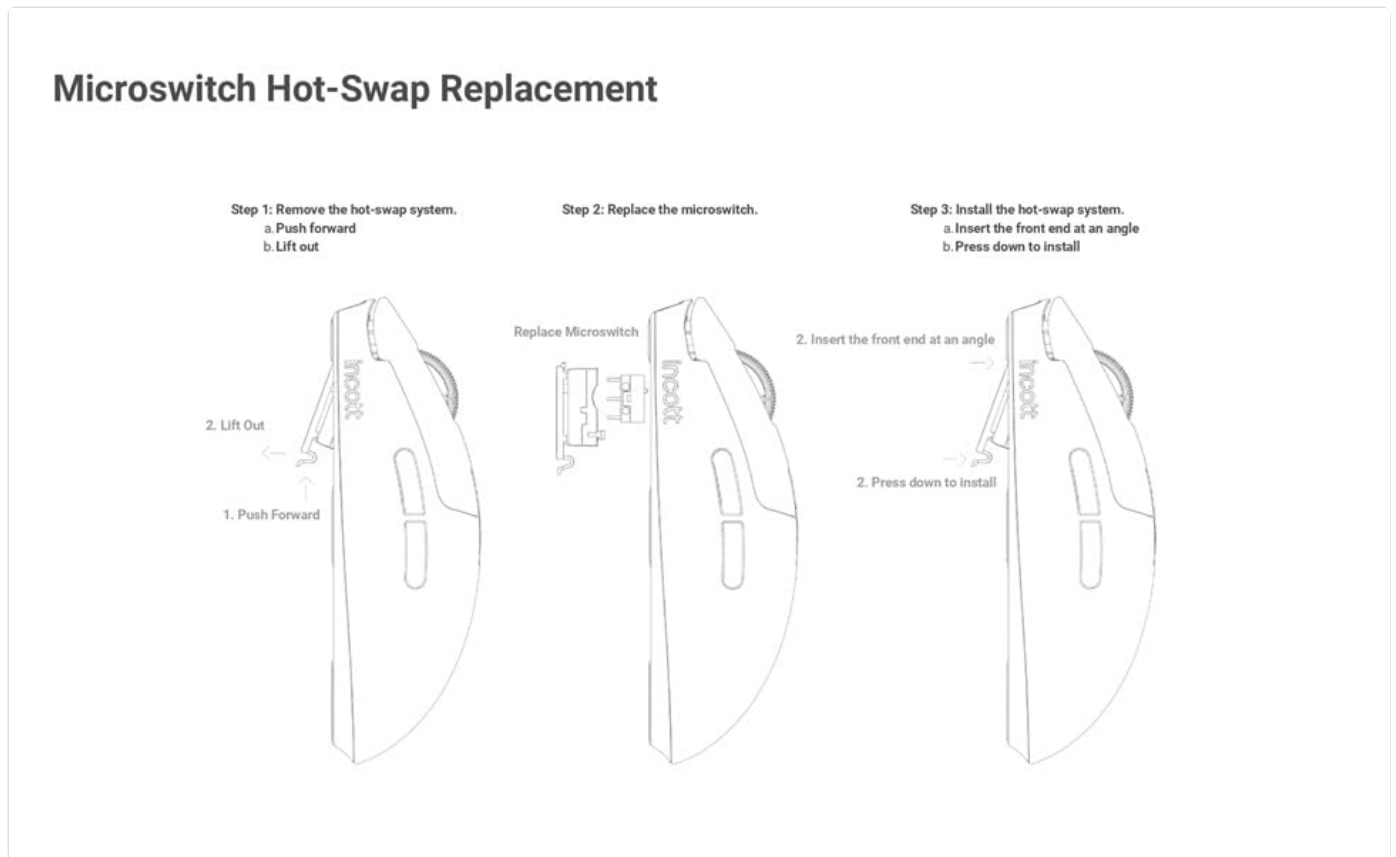


Figure 7: DPI and Polling Rate Switch

- **DPI Switch:** Switch the bottom switch (Button 7) to the 'ON' position. Use Button 6 to cycle through 6 DPI settings. Indicator lights will change color to show the current DPI:
 - Red: 400 DPI
 - Blue: 800 DPI
 - Green: 1600 DPI
 - Yellow: 2400 DPI
 - Light Blue: 3200 DPI
 - Purple: 6400 DPI
- **1K Polling Rate Switch:** Switch the bottom switch (Button 7) to the 'HZ' position. Use Button 6 to cycle through 6 polling rate settings. Indicator lights will change color to show the current polling rate:
 - Red: 125 Hz

- Blue: 250 Hz
 - Yellow: 500 Hz
 - Orange: 1000 Hz
- **8K Polling Rate Switch:** Switch the bottom switch (Button 7) to the 'HZ' position. Use Button 6 to cycle through 6 polling rate settings. Indicator lights will change color to show the current polling rate:
 - Red: 125 Hz
 - Blue: 250 Hz
 - Yellow: 500 Hz
 - Orange: 1000 Hz
 - Purple: 2000 Hz
 - Green: 4000 Hz
 - White: 8000 Hz

MAINTENANCE

Microswitch Hot-Swap Replacement

The Incott G23 Series mouse allows for easy replacement of the Left and Right click switches. This process is as simple as replacing a battery.

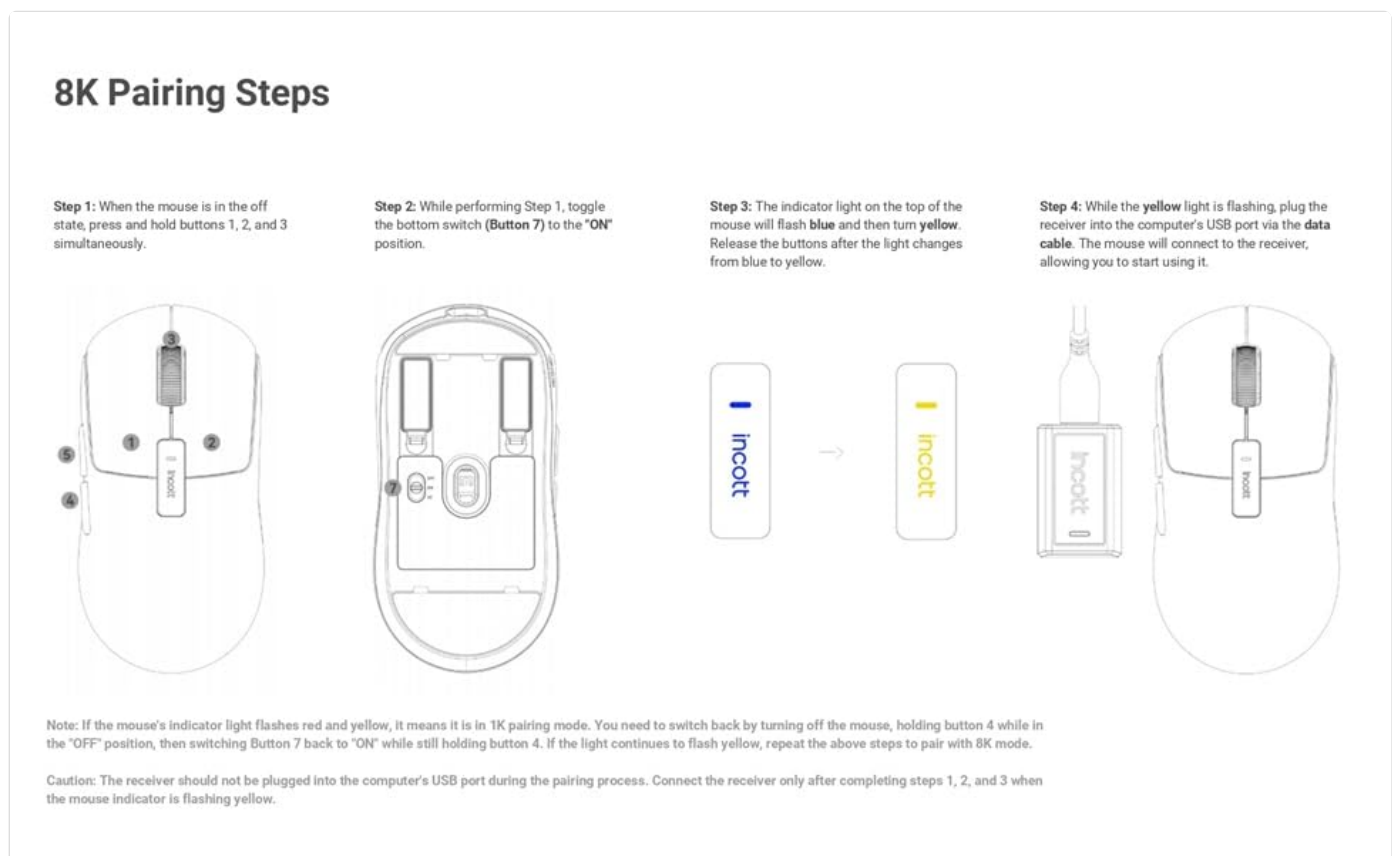


Figure 8: Microswitch Hot-Swap Replacement

1. Remove the hot-swap system:

- Push forward.
- Lift out.

2. Replace the microswitch: Carefully remove the old microswitch and prepare the new one.

3. Install the hot-swap system:

- Insert the front end at an angle.
- Press down to install.

The G23 series is compatible with 99% of micro-movement switches available in the market, offering versatile customization.

Micro Switch Replacement Video

Your browser does not support the video tag.

Video 2: Replacement of Micro Switch. This video demonstrates the process of replacing the micro switches in your Incott G23 mouse, showing how to remove and install different types of switches.

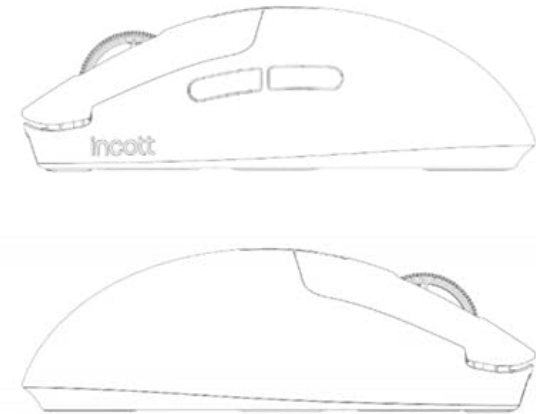
TROUBLESHOOTING

If you encounter issues with your Incott G23 Series Gaming Mouse, consider the following common solutions:

- **Connectivity Issues:** Ensure the USB receiver is securely plugged into a functioning USB port. For wireless mode, confirm the mouse is within 20 cm of the receiver.
- **Interference:** If experiencing erratic cursor movement or responsiveness issues, try moving the mouse and receiver further away from other 2.4 GHz wireless devices (e.g., Wi-Fi routers, cordless phones).
- **Low Battery:** The mouse features a 500mAh battery with up to 143 hours of life (at 1K polling rate). If performance degrades, charge the mouse using the USB-C cable. Fast charging allows for a full charge in approximately 50 minutes.
- **DPI/Polling Rate Settings:** Incorrect DPI or polling rate settings can affect mouse behavior. Refer to the "DPI and Polling Rate Switch" section to adjust these settings to your preference.
- **Switch Performance:** If a mouse button feels unresponsive or double-clicks, consider replacing the microswitch using the hot-swap feature.

PRODUCT SPECIFICATIONS

Product Specifications



DPI Settings: 400 / 800 / 1600 / 2400 / 3200 / 6400

Polling Rate Settings:

- 1K: 125 / 250 / 500 / 1000 Hz
- 8K: 125 / 250 / 500 / 1000 / 2000 / 4000 / 8000 Hz

Battery Life: About 1000 hours (~143 days)

Weight: Approximately 65 grams

Sensor: G23 PAW3395 / G23 Pro PAW3950ES-KING

Interface: USB/Type-C

Cable Length: Approximately 1.8 meters

Rated Voltage: 5V 500mA

Connection Method: 2.4G Wired

Side Buttons: Kailh Transparent Silent Red Switch [Customized Special Adjustment]

Acceleration: 50G

IPS: G23 650 / G23 Pro 750

LOD (Lift-Off Distance): G23 12 [Adjustable 12mm] / G23 Pro 0.712mm Three Levels Adjustable

Scroll Wheel: TTC Gold Encoder

Feet: 100% PTFE Reinforced Version

Surface Coating: Rubber-like Paint

Recommended Hand Size: 17~19cm or less [Medium-Sized Hand Grip]

Dimensions: Length 126mm x Width 63.5mm x Height 40mm

Figure 9: Product Specifications Overview

Brand	Mechkeys
Model Number	G23 Series
Manufacturer	Incott
Connectivity Technology	USB, Radio Frequency (2.4G)
Movement Detection Technology	Optical (PAW3395 for G23, PAW3950ES King for G23 Pro)
DPI Settings	400 / 800 / 1600 / 2400 / 3200 / 6400
Polling Rate Settings	1K: 125 / 250 / 500 / 1000 Hz 8K: 125 / 250 / 500 / 1000 / 2000 / 4000 / 8000 Hz
Battery Life	About 1000 hours (~143 days) at 1K polling rate
Weight	Approximately 65 grams
Interface	USB/Type-C
Cable Length	Approximately 1.8 meters
Rated Voltage	5V 500mA
Side Buttons	Kailh Transparent Silent Red Switch (Customized Special Adjustment)
Acceleration	50G
IPS	G23 650 / G23 Pro 750
LOD (Lift-Off Distance)	G23 12 (Adjustable 12mm) / G23 Pro 0.712mm (Three Levels Adjustable)
Scroll Wheel	TTC Gold Encoder
Feet	100% PTFE Reinforced Version
Surface Coating	Rubber-like Paint
Recommended Hand Size	17~19cm or less [Medium-Sized Hand Grip]
Dimensions	Length 126mm x Width 63.5mm x Height 40mm

WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your Incott G23 Series Gaming Mouse, please contact the manufacturer, Incott, or the seller, Mechkeys, through their official channels. You can visit the [Mechkeys Store on Amazon](#) for more information and contact details.

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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