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## Logitech G305

# Logitech G305 Lightspeed Wireless Gaming Mouse User Manual

Model: G305 (910-005292-cr)

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## 1. INTRODUCTION

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The Logitech G305 Lightspeed Wireless Gaming Mouse is designed for high-performance gaming with advanced features. It incorporates the HERO sensor for exceptional accuracy and power efficiency, combined with LIGHTSPEED wireless technology for a lag-free experience. This manual provides instructions for setting up, operating, and maintaining your G305 mouse.

## 2. SETUP

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### 2.1. Unpacking and Components

Carefully remove the mouse from its packaging. The package typically includes the Logitech G305 mouse, a LIGHTSPEED USB nano receiver, and one AA battery.



Figure 1: Logitech G305 packaging. The mouse and its components are securely packed inside.

## 2.2. Battery Installation

1. Remove the top cover of the mouse by gently lifting it from the rear.
2. Insert one AA battery into the battery compartment, ensuring correct polarity (+/-).
3. The LIGHTSPEED USB nano receiver is stored inside the battery compartment for convenience. Remove it before closing the cover.
4. Replace the top cover, ensuring it clicks securely into place.



Figure 2: Exploded view of the G305 mouse, illustrating the battery compartment and the storage location for the USB nano receiver.

### 2.3. Connecting to Your Device

1. Plug the LIGHTSPEED USB nano receiver into an available USB port on your PC or Mac.
2. Turn on the mouse using the power switch located on the bottom of the mouse.
3. The mouse should automatically connect to your device. If not, ensure the receiver is properly inserted and the mouse is powered on.
4. For optimal performance, it is recommended to download and install the Logitech G HUB software from the official Logitech website. This software allows for customization of buttons and DPI settings.



Figure 3: The underside of the G305 mouse, highlighting the optical sensor and the power switch for activation.

## 3. OPERATING INSTRUCTIONS

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### 3.1. Basic Functions

- **Left-Click Button:** Primary action, selection.
- **Right-Click Button:** Secondary action, context menus.
- **Scroll Wheel:** Scroll up/down. Can also be pressed for a middle-click function.



Figure 4: Top view of the G305 mouse, showing the left and right click buttons, and the scroll wheel.

### 3.2. DPI Adjustment

The G305 features a dedicated DPI (Dots Per Inch) cycle button located below the scroll wheel. Press this button to cycle through pre-set DPI sensitivity levels. The LED indicator near the DPI button will change color to indicate the current DPI setting. Default settings can be customized using the Logitech G HUB software.

### 3.3. Programmable Buttons

The mouse is equipped with 6 programmable buttons: left, right, middle click (scroll wheel), DPI cycle, and two side buttons. These buttons can be customized to perform various functions, macros, or keybinds using the Logitech G HUB software. This allows for personalized control and enhanced gaming or productivity.

## 4. BATTERY MANAGEMENT

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The Logitech G305 operates on a single AA battery, providing an impressive battery life of up to 250 hours of continuous gameplay. To maximize battery life, ensure the mouse is switched off when not in use. The LED indicator on the mouse will typically flash red when the battery level is low, signaling that a replacement is needed soon.

## 5. MAINTENANCE

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- **Cleaning:** Use a soft, lint-free cloth to wipe the surface of the mouse. For stubborn dirt, slightly dampen the cloth with water. Avoid using harsh chemicals or abrasive materials.
- **Sensor:** Keep the optical sensor on the underside of the mouse clean and free from dust or debris to ensure accurate tracking.

- **Storage:** When not in use for extended periods, store the mouse in a dry, cool place. Consider removing the AA battery if storing for several months to prevent potential leakage.

## 6. TROUBLESHOOTING

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### 6.1. No Connectivity

- Ensure the USB nano receiver is securely plugged into a working USB port.
- Verify the mouse is powered on using the switch on its underside.
- Check the battery. Replace it if the low battery indicator is active or if the mouse does not power on.
- Try plugging the receiver into a different USB port or a different computer to isolate the issue.

### 6.2. Erratic Cursor Movement

- Clean the optical sensor on the bottom of the mouse.
- Ensure you are using the mouse on a suitable surface. Highly reflective or transparent surfaces may cause issues. A mouse pad is recommended.
- Check for interference from other wireless devices. Try moving the receiver closer to the mouse using a USB extension cable if necessary.

### 6.3. Buttons Not Responding

- Ensure the Logitech G HUB software is installed and updated. Check button assignments within the software.
- Reinstall the mouse drivers or restart your computer.

## 7. SPECIFICATIONS

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Feature	Detail
Model Number	910-005292-cr
Brand	Logitech
Connectivity	LIGHTSPEED Wireless (USB receiver)
Sensor	HERO Optical Sensor
DPI Range	Up to 12,000 DPI
IPS (Inches Per Second)	400 IPS
Report Rate	1 ms
Programmable Buttons	6
Battery Type	1 x AA Battery
Battery Life	Up to 250 hours
Weight	99 grams (2.6 ounces)
Dimensions (LxWxH)	4.59 x 2.45 x 1.5 inches
Operating System Compatibility	Windows, macOS

Color	White
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## 8. WARRANTY AND SUPPORT

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This Logitech G305 mouse is a renewed product. Renewed products are typically eligible for replacement or refund under the Amazon Renewed Guarantee if not satisfied with the purchase. For specific warranty details and support, please refer to the Amazon Renewed Guarantee terms and conditions or contact Logitech customer support directly via their official website.



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