Logitech G G500s

Logitech G500s Laser Gaming Mouse User Manual

Model: G500s (P/N: 910-003602)

1. Introduction

This manual provides instructions for the setup, operation, and maintenance of your Logitech G500s Laser Gaming Mouse. The G500s is designed for precision and customization, featuring adjustable weight tuning, a gaming-grade laser sensor, and programmable buttons.



Figure 1: Top-down view of the Logitech G500s Laser Gaming Mouse, showcasing its ergonomic design and button layout.

2. Setup

2.1 Connecting the Mouse

1. Locate an available USB port on your computer.
2. Plug the USB connector of the Logitech G500s mouse into the USB port.
3. Your operating system should automatically detect and install the necessary drivers for basic functionality.

2.2 Installing Optional Software

For advanced customization, including button programming, DPI settings, and profile management, download and install the Logitech Gaming Software from the official Logitech website. This software is required to utilize all features of the mouse.

2.3 Adjustable Weight Tuning

The G500s features an adjustable weight tuning system, allowing you to customize the mouse's weight and balance. This system uses an internal cartridge located on the underside of the mouse.

1. Turn the mouse over to access the weight cartridge compartment.
2. Open the weight cartridge.
3. Insert or remove the included metal weights (1.7g and 4.5g) into the cartridge slots to achieve your desired feel. Up to 27 grams of additional weight can be added.
4. Close the weight cartridge securely.


GAMING-GRADE LASER
Logitech
G500s
WEIGHT
CARTRIDGE

Figure 2: Underside of the Logitech G500s, highlighting the weight cartridge release mechanism.



Figure 3: The adjustable weight tuning system, including the weight case and individual 1.7g and 4.5g metal weights.

3. Operation

3.1 Programmable Buttons

The Logitech G500s features 10 programmable buttons. These buttons can be assigned various functions, including single keystrokes, multi-command macros, or specific game actions. Button assignments are managed through the Logitech Gaming Software.



Figure 4: Side view of the Logitech G500s, illustrating the placement of the thumb buttons and DPI adjustment buttons.

3.2 On-the-Fly DPI Switching

The mouse allows for instant in-game sensitivity switching. You can configure up to five DPI levels, ranging from 200 DPI for precise targeting to 8200 DPI for rapid maneuvers. Use the dedicated DPI adjustment buttons (typically located near the scroll wheel) to cycle through your preset sensitivity levels.

3.3 Dual-Mode Scroll Wheel

The G500s is equipped with a dual-mode scroll wheel:

- **Click-to-Click Mode:** Provides precise, tactile feedback for weapon selection or navigating menus.
- **Hyper-Fast Scrolling Mode:** Allows for smooth, frictionless scrolling, ideal for quickly navigating long documents or web pages.

A button, usually located directly below the scroll wheel, allows you to switch between these two modes.

3.4 Onboard Memory

The mouse includes onboard memory to store one game profile. This allows you to save your personalized tracking settings and button assignments directly to the mouse, enabling you to use your custom configuration on different computers without needing to reconfigure the software.

4. Maintenance

4.1 Cleaning

To maintain optimal performance and hygiene, regularly clean your mouse. The G500s features advanced surface coatings designed to resist fingerprints and prevent palm sticking, simplifying cleaning.

- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution.

- Avoid harsh chemicals, abrasive cleaners, or solvents, as these can damage the mouse's surface.
- Ensure no liquid enters the mouse's internal components.

4.2 Cable Care

The mouse features a rugged braided cable. Avoid sharp bends or excessive pulling on the cable to prevent damage and ensure longevity.

5. Troubleshooting

5.1 Mouse Not Responding

- Ensure the USB cable is securely connected to a functioning USB port on your computer.
- Try connecting the mouse to a different USB port.
- Test the mouse on another computer to determine if the issue is with the mouse or the computer.

5.2 Logitech Gaming Software Issues

- Ensure you have the latest version of Logitech Gaming Software installed. Visit the official Logitech website for downloads.
- Restart your computer after installing or updating the software.
- If specific button functions or profiles are not working, verify that the software is running and that the correct profile is active. Some users have reported issues with "automatic game detection" mode; consider using "on-board memory" mode if this occurs.

5.3 Cursor Movement Irregularities

- Clean the mouse sensor area on the underside of the mouse.
- Ensure you are using the mouse on a suitable surface. Highly reflective or uneven surfaces can affect tracking performance.
- Adjust DPI settings to see if a different sensitivity level resolves the issue.

6. Specifications

Model Number	910-003602
Tracking Resolution	200 dpi - 8200 dpi
Max. Acceleration	30 G
Max. Speed	Up to 4 meters/second
USB Report Rate	Up to 1000 reports/second (1 millisecond)
Buttons Durability	20 million clicks (Left/Right)
Feet Durability	250 kilometers
Adjustable Weight	Up to 27 grams
Dimensions (LxWxH)	5.51 x 3.66 x 8.31 inches (approximate)
Item Weight	12.8 ounces (without added weights)
Cable Length	2 meters (braided USB cable)

7. System Requirements

- Windows 8, Windows 7, or Windows Vista
- USB port
- Internet connection for optional software download

8. Package Contents

The Logitech G500s Laser Gaming Mouse package includes:

- Logitech G500s Laser Gaming Mouse
- Adjustable weight cartridge
- Tuning weights and storage case
- User documentation

9. Warranty and Support

Warranty for the Logitech G500s Laser Gaming Mouse is provided through the original manufacturer, Logitech. For specific warranty terms, conditions, and support, please refer to the documentation included with your product or visit the official Logitech support website.
For technical assistance, driver downloads, and frequently asked questions, please visitwww.logitech.com/support.

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