

Logitech 910-005544

Logitech G MX518 Gaming Mouse User Manual

Model: MX518 (910-005544)

INTRODUCTION

The Logitech G MX518 Gaming Mouse is a high-performance peripheral designed for precision and comfort. Featuring the advanced HERO 25K sensor, a 32-bit ARM processor, and 8 programmable buttons, this mouse offers a responsive and customizable experience for various computing tasks and gaming. Its classic ergonomic shape ensures comfortable use over extended periods.



Figure 1: Logitech G MX518 Gaming Mouse

SETUP

1. Connecting the Mouse

1. Locate an available USB port on your computer.
2. Plug the USB connector of the Logitech G MX518 Gaming Mouse into the USB port.
3. Your operating system should automatically detect and install the necessary drivers.

2. Installing Logitech G Hub Software (Optional, Recommended)

To unlock the full potential of your MX518 mouse, including customizing DPI settings, programming buttons, and managing on-board profiles, download and install the Logitech G Hub software.

- Visit the official Logitech G website.
- Navigate to the support or downloads section for the MX518 Gaming Mouse.
- Download and run the Logitech G Hub installer.
- Follow the on-screen instructions to complete the installation.

OPERATING THE MOUSE

DPI Sensitivity Adjustment

The MX518 features on-the-fly DPI adjustment, allowing you to quickly switch between sensitivity levels. By default, you can cycle through five preset DPI settings (400, 800, 1600, 3200, and 6400 DPI) using the dedicated DPI cycle buttons located near the scroll wheel.

- **DPI Up Button:** Increases the mouse sensitivity.
- **DPI Down Button:** Decreases the mouse sensitivity.
- **DPI Cycle Button:** Cycles through the configured DPI levels.

For custom DPI settings and more granular control, use the Logitech G Hub software.

Programmable Buttons

The MX518 is equipped with 8 programmable buttons. These buttons can be assigned various functions, macros, or key commands using the Logitech G Hub software. This allows for personalized control and efficiency in games and applications.

- Left Click (Button 1)
- Right Click (Button 2)
- Middle Click / Scroll Wheel (Button 3)
- Forward Button (Button 4, thumb)
- Back Button (Button 5, thumb)
- DPI Up (Button 6)
- DPI Down (Button 7)
- DPI Cycle (Button 8)

Refer to the Logitech G Hub software guide for detailed instructions on button customization.

On-Board Memory Profiles

The mouse features on-board memory, allowing you to save up to five custom profiles directly to the mouse. This means your personalized settings (DPI, button assignments) will be available on any PC without needing to install Logitech G Hub software or log in.



Figure 2: Logitech G MX518 in use with a keyboard

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Logitech G MX518 Gaming Mouse.

- **Cleaning:** Use a soft, lint-free cloth slightly dampened with water to clean the mouse surface. Avoid harsh chemicals or abrasive materials. For the optical sensor, use a dry cotton swab to gently remove any dust or debris.
- **Cable Care:** Avoid sharp bends or excessive pulling on the USB cable to prevent damage. Store the cable neatly when not in use.
- **Storage:** When not in use for extended periods, store the mouse in a clean, dry environment away from extreme temperatures.

TROUBLESHOOTING

Mouse Not Responding

- Ensure the USB cable is securely plugged into a working USB port on your computer.
- Try plugging the mouse into a different USB port.
- Restart your computer.
- Check if the mouse works on another computer to rule out a computer-specific issue.

DPI Settings Not Changing

- Ensure Logitech G Hub software is installed and running.
- Verify that the DPI cycle buttons are functioning correctly.
- Check the DPI settings within Logitech G Hub to ensure profiles are correctly configured and activated.

Buttons Not Functioning as Expected

- Open Logitech G Hub and check the button assignments for your active profile.
- Ensure no other software is conflicting with mouse button assignments.
- Try resetting the mouse to default settings via Logitech G Hub.

SPECIFICATIONS

Feature	Detail
Brand	Logitech
Series	Logitech G MX518 Gaming Mouse
Model Number	910-005544
Sensor	HERO 25K Optical Sensor
DPI Range	100 - 25,600 DPI
IPS (Inches Per Second)	400+ IPS
Processor	32-bit ARM Processor
Report Rate	1 ms
Programmable Buttons	8
On-Board Memory	Yes (up to 5 profiles)
Connectivity	USB (Wired)
Color	Black/Grey
Item Weight	7 ounces
Product Dimensions (LxWxH)	2.84 x 4.72 x 1.71 inches
Hardware Platform	Mac, PC, Nintendo Switch, PlayStation, PlayStation 2, PlayStation 4, Xbox, Xbox One
Operating System Compatibility	Linux, Windows 7, Windows XP (and newer versions)





WARRANTY AND SUPPORT


For detailed warranty information, technical support, and additional resources, please visit the official Logitech G support website or refer to the warranty card included with your product.

Online Support: support.logitech.com

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Related Documents - 910-005544

	<p>Logitech G PRO X SUPERLIGHT Wireless Gaming Mouse User Guide & Setup</p> <p>Official user guide and setup instructions for the Logitech G PRO X SUPERLIGHT wireless gaming mouse. Learn about package contents, mouse features, connection setup, software installation (G HUB), and optimal wireless performance.</p>
	<p>Logitech G502 HERO Gaming Mouse Setup Guide</p> <p>Comprehensive setup guide for the Logitech G502 HERO gaming mouse, covering button programming, DPI settings, weight tuning, and onboard profiles for an optimized gaming experience.</p>
	<p>Logitech G502 HERO Setup Guide: Optimize Your Gaming Experience</p> <p>Learn how to set up and customize the Logitech G502 HERO gaming mouse. This guide covers button programming, DPI settings, weight adjustment, and troubleshooting for optimal performance.</p>
	<p>Logitech G502 LIGHTSPEED Wireless Gaming Mouse Setup Guide</p> <p>A comprehensive setup guide for the Logitech G502 LIGHTSPEED Wireless Gaming Mouse, covering installation, customization, and features. Includes information on battery life, weight customization, and Logitech G HUB software.</p>

<p><small>User Manual of Product 1: Logitech G502 LIGHTSPEED Wireless Gaming Mouse, 25K HERO Gaming Sensor, 25600 DPI, RGB, Ultra-Light, 11 Programmable Buttons, Long Life Battery, PowerPlay compatible, PC - Black</small></p> <p><small>User Manual of Product 2: Logitech G213 Prodigy Gaming Keyboard, LIGHTSYNC RGB, Splash-Proof, Soft-Touch, Customizable Profile, Dedicated Media Keys, OMERTECH (4K Layout) - Black</small></p>	<p>Logitech G502 LIGHTSPEED Wireless Gaming Mouse User Manual and Setup Guide</p> <p>Comprehensive user manual and setup guide for the Logitech G502 LIGHTSPEED Wireless Gaming Mouse, covering setup, features, customization, battery life, and troubleshooting. Includes information on Logitech G HUB software and button programming.</p>
<p><small>G502 HERO Setup Guide</small></p> 	<p>Logitech G502 HERO Setup Guide</p> <p>This setup guide provides instructions for the Logitech G502 HERO gaming mouse, covering initial setup, customization options, and troubleshooting.</p>