

Logitech G MX518

Logitech G MX518 Gaming Mouse User Manual

Model: MX518 (910-005542)

1. INTRODUCTION

The Logitech G MX518 Gaming Mouse is engineered for precision and comfort, featuring advanced gaming technology. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your MX518 mouse to ensure optimal performance.



Image 1.1: The evolution of the Logitech MX series, highlighting the MX518's legacy.

2. KEY FEATURES

- **HERO 16K Gaming Sensor:** Provides precise tracking with up to 16,000 DPI sensitivity.
- **8 Programmable Buttons:** Customize controls for enhanced gameplay and productivity.
- **Onboard Memory:** Store up to five profiles directly on the mouse.
- **Ergonomic Design:** Classic, comfortable shape for extended use.
- **1 ms Report Rate:** Ensures rapid response times.
- **Durable Construction:** Built for longevity with an improved cable.



Image 2.1: The MX518 features the high-precision HERO 16K Gaming Sensor.

3. PACKAGE CONTENTS

Ensure all items are present in your package:

- Logitech G MX518 Gaming Mouse
- User Documentation

4. SETUP INSTRUCTIONS

4.1 Connecting the Mouse

1. Locate an available USB port on your computer.
2. Plug the USB connector of the MX518 mouse into the USB port.
3. Your computer should automatically detect and install the necessary drivers.

4.2 Software Installation (Logitech G HUB)

For full customization and advanced features, install the Logitech G HUB software:

1. Visit the official Logitech G website (www.logitechg.com/ghub) to download the latest G HUB software.
2. Follow the on-screen instructions to install the software.
3. Once installed, launch Logitech G HUB to customize your mouse settings.



Image 4.1: Logitech G HUB software interface for mouse customization.

5. OPERATING THE MOUSE

5.1 Basic Functions

- **Left Click:** Primary action.
- **Right Click:** Secondary action/context menu.
- **Scroll Wheel:** Scroll up/down, middle click.

5.2 Programmable Buttons

The MX518 features 8 programmable buttons. These can be assigned various functions using the Logitech G HUB software, including macros, system commands, and media controls.



Image 5.1: Labeled diagram of the MX518's buttons and features.

5.3 Adjusting DPI (Sensitivity)

The MX518 allows for on-the-fly DPI adjustment. Use the dedicated DPI Up/Down buttons (refer to Image 5.1) to cycle through preset sensitivity levels. You can customize these levels in Logitech G HUB.

5.4 Onboard Memory

The mouse has onboard memory to store up to five custom profiles. This allows you to use your personalized settings on any computer without needing to install Logitech G HUB.

6. MAINTENANCE AND CARE

- **Cleaning:** Use a soft, lint-free cloth to wipe the mouse surface. Avoid harsh chemicals or abrasive materials.
- **Sensor Care:** Keep the optical sensor on the underside of the mouse clean and free from dust or debris for optimal tracking performance.
- **Cable Management:** Avoid sharp bends or excessive pulling on the mouse cable to prevent damage.

7. TROUBLESHOOTING

7.1 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.

7.2 Tracking Issues

- Clean the optical sensor on the underside of the mouse.
- Ensure you are using the mouse on a suitable surface (e.g., a mouse pad). Avoid highly reflective or transparent surfaces.
- Adjust DPI settings in Logitech G HUB or using the on-mouse buttons.

7.3 Buttons Not Working

- Check button assignments in Logitech G HUB to ensure they are configured correctly.
- Ensure the G HUB software is up to date.

8. SPECIFICATIONS

Feature	Detail
Brand	Logitech G
Model Name	MX518
Model Number	910-005542
Connectivity Technology	Corded Electric
Movement Detection Technology	Laser (HERO 16K Sensor)
Mouse Maximum Sensitivity	16000 Dots per Inch (DPI)
Button Quantity	8
Hand Orientation	Ambidextrous, Right
Compatible Devices	Personal Computer (Mac, PC, PC/Mac, PC/Mac/Linux, PC/Mac/Linux/Unix)
Operating System	[MULTI] (Minimum Windows 10)
Item Dimensions L x W	2.5"L x 9.5"W
Enclosure Material	Plastic
Color	Black
Built-In Media	Onboard Memory, Improved Cable

9. OFFICIAL PRODUCT VIDEO

Watch the official video for an overview of the Logitech G MX518 Gaming Mouse:

Your browser does not support the video tag.

Video 9.1: Official product video showcasing the features and design of the MX518 Gaming Mouse by Logitech® Official.

10. 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.

Logitech G Support: support.logitech.com

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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