

acer OMW317

Acer OMW317 Wired Gaming Mouse User Manual

Model: OMW317

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Acer OMW317 Wired Gaming Mouse. Please read this manual thoroughly to ensure proper use and to maximize your gaming and productivity experience.





Figure 1: Acer OMW317 Wired Gaming Mouse

2. PACKAGE CONTENTS

- Acer Gaming Mouse x 1
- User Manual x 1 (This Document)
- Product Warranty Card x 1

3. SETUP

3.1 Connecting the Mouse

1. Locate an available USB-A port on your computer (desktop or laptop).
2. Plug the USB-A connector of the Acer OMW317 Gaming Mouse into the USB-A port.
3. The mouse is plug-and-play and does not require additional drivers for basic functionality on Windows, Linux, and macOS platforms.

4. For advanced features and customization, proceed to section 4.4 for software installation.

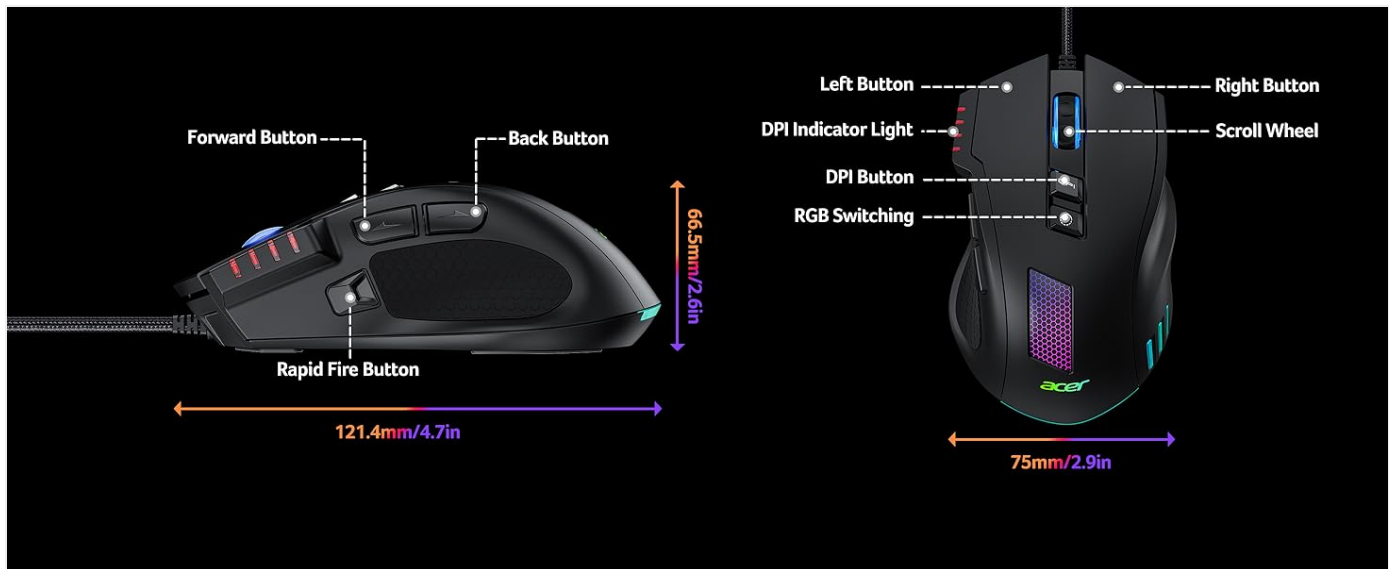


Figure 2: USB-A Compatibility with Various Systems

4. OPERATING INSTRUCTIONS

4.1 Button Functions

The Acer OMW317 Gaming Mouse features 8 programmable buttons. Refer to the diagram below for default button assignments:



Figure 3: Button Description

- **Left Button:** Standard left-click function.
- **Right Button:** Standard right-click function.
- **Scroll Wheel:** Scrolls content up/down. Can also be pressed for middle-click function.
- **DPI Button:** Cycles through preset DPI levels.
- **RGB Switching Button:** Cycles through various RGB lighting effects.
- **DPI Indicator Light:** Displays the current DPI setting.
- **Rapid Fire Button:** Executes multiple clicks with a single press.
- **Forward Button:** Navigates forward in web browsers or file explorers.
- **Back Button:** Navigates backward in web browsers or file explorers.

4.2 DPI Adjustment

The mouse supports adjustable DPI settings from 200 to 12,800 DPI. By default, the mouse comes with 4 preset DPI levels:

- 1200 DPI
- 2400 DPI (Default)
- 3200 DPI
- 6400 DPI

Press the **DPI Button** (Button 4 in Figure 3) to cycle through these preset levels. The DPI Indicator Light (Button 6) will change to reflect the current setting.

For custom DPI settings up to 12,800 DPI, use the driver software (see section 4.4).



Figure 4: Adjustable DPI Levels



Figure 5: DPI and Polling Rate Settings

4.3 RGB Lighting Effects

The Acer OMW317 mouse features 12 dynamic RGB lighting modes. Press the **RGB Switching Button** (Button 5 in Figure 3) to cycle through these effects. To toggle the lights on or off, hold the DPI switch button for 3 seconds. Further customization of RGB effects, including synchronization with music, is available through the driver software.

Dynamic Colorful RGB

12 preset schemes, one-click switching



The lighting effect can be customized through the driver

Figure 6: Dynamic Colorful RGB Lighting

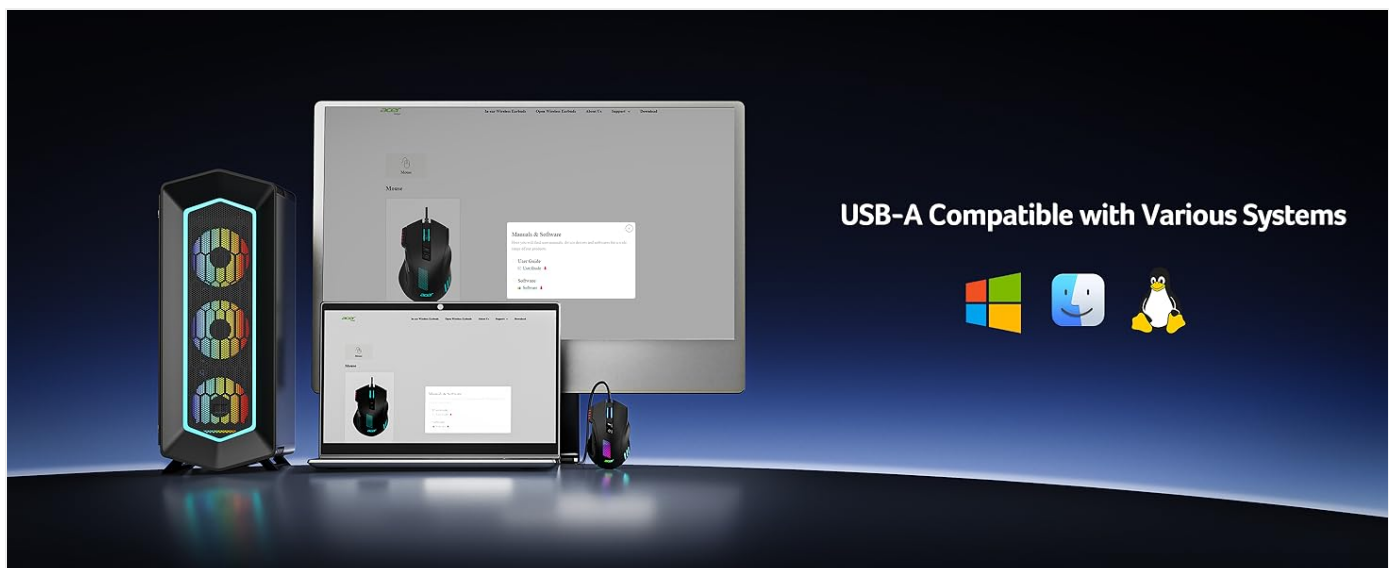


Figure 7: 12 Dynamic RGB Schemes

4.4 Programmable Features and Software

To unlock the full potential of your Acer OMW317 Gaming Mouse, including remapping buttons, assigning macros, fine-tuning DPI, and customizing RGB effects, you need to install the dedicated driver software.

- **Software Download:** Please visit the official Acer website to download the latest driver software for the OMW317 model.
- **Installation:** Follow the on-screen instructions to install the software.
- **Customization:** Once installed, launch the software to access settings for:
 - Button remapping
 - Macro editing
 - DPI adjustment (up to 12,800 DPI)
 - RGB lighting customization
 - Polling rate adjustment (125Hz, 250Hz, 500Hz, 1000Hz)



Figure 8: Customized Drivers for Higher Demands

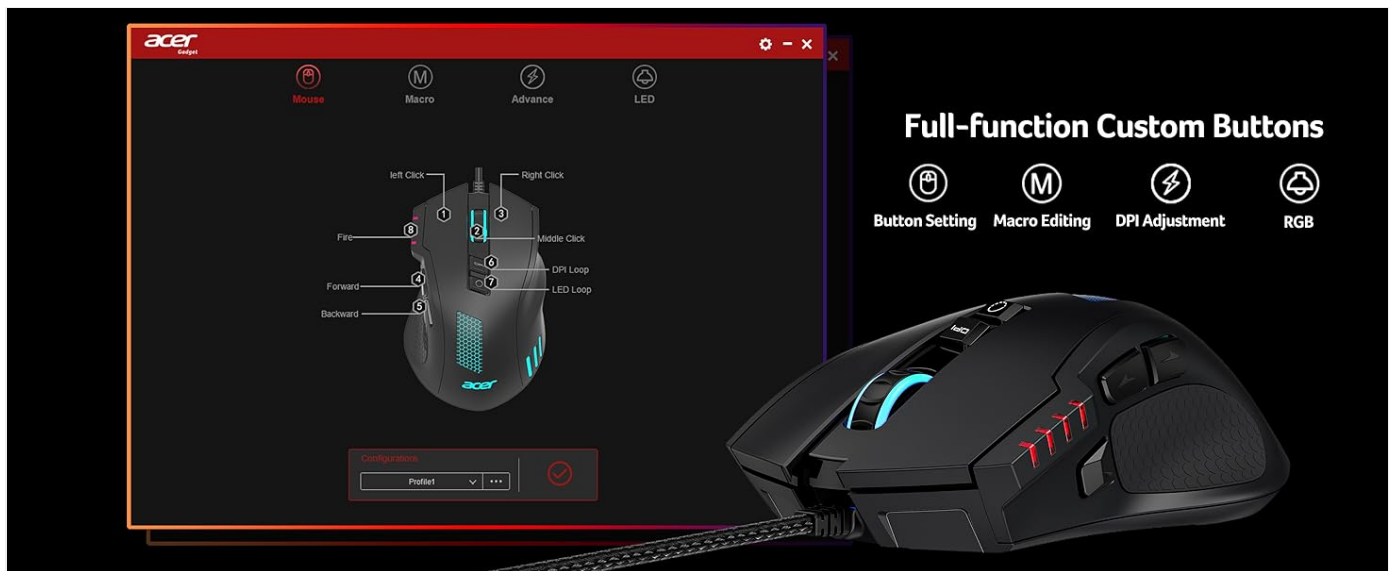


Figure 9: Full-Function Custom Buttons via Software

4.5 Rapid Fire Function

The dedicated Rapid Fire Button (Button 7 in Figure 3) allows for quick, multiple clicks with a single press. The interval of these multiple clicks can be adjusted via the driver software to suit your preferences.



Rapid Fire Button

Instant Multi-Shot at Fingertips

The driver supports interval adjustment to meet your desired hand feel

Figure 10: Instant Multi-Shot at Fingertips



Ultimate Firepower Launch

Multiple clicks within milliseconds,
built for competitive gameplay

Rapid Fire Button
8-300ms Interval

Figure 11: Ultimate Firepower Launch

5. MAINTENANCE

5.1 Cleaning

- Disconnect the mouse from your computer before cleaning.
- Use a soft, dry cloth to wipe the surface of the mouse.
- For stubborn dirt, lightly dampen the cloth with water or a mild cleaning solution. Avoid harsh chemicals.
- Use a cotton swab or compressed air to clean around buttons and the optical sensor.

5.2 Storage

When not in use for extended periods, store the mouse in a clean, dry environment away from direct sunlight and extreme temperatures.

5.3 Cable Care

The mouse features a durable braided cable. To prolong its lifespan, avoid sharp bends, twists, or excessive pulling on the cable.

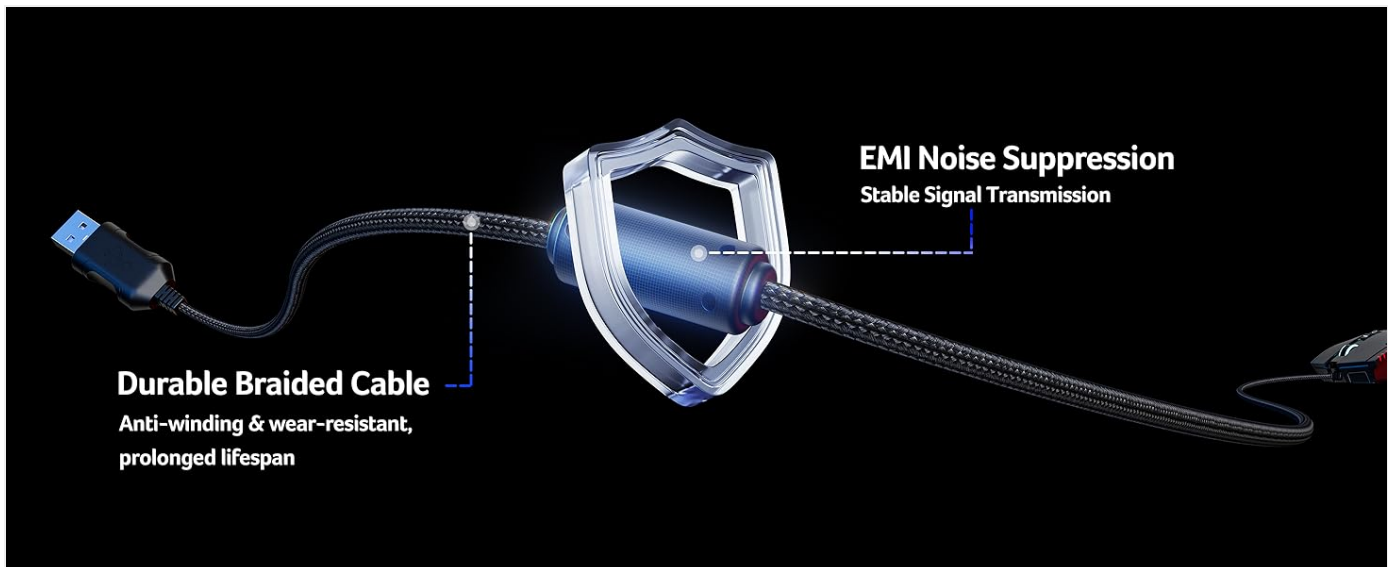


Figure 12: Durable Braided Cable with EMI Noise Suppression

6. TROUBLESHOOTING

6.1 Mouse Not Responding

- Ensure the USB cable is securely plugged into a working USB-A port on your computer.
- Try plugging the mouse into a different USB-A port.
- Test the mouse on another computer to determine if the issue is with the mouse or the computer.
- Restart your computer.

6.2 Cursor Movement is Erratic or Jumpy

- Clean the optical sensor on the bottom of the mouse using a cotton swab.
- Ensure you are using the mouse on a suitable surface (e.g., a mouse pad). Avoid highly reflective or transparent surfaces.
- Check for any debris obstructing the optical sensor.

6.3 RGB Lights Not Working

- Press the RGB Switching Button (Button 5) to cycle through modes.
- Hold the DPI switch button for 3 seconds to toggle the lights on/off.
- Check the RGB settings within the driver software to ensure they are enabled and configured correctly.

6.4 Programmable Buttons Not Functioning

- Ensure the driver software is installed and running.
- Verify that the buttons have been correctly assigned functions within the software.
- Save any changes made in the software and restart the application or your computer if necessary.

7. SPECIFICATIONS

The following table outlines the technical specifications for the Acer OMW317 Wired Gaming Mouse:

Feature	Specification
Model Number	OMW317
Connectivity Technology	USB-A Wired
Movement Detection Technology	Optical
DPI Range	200 - 12,800 DPI (Software Adjustable)
Default DPI Presets	1200, 2400, 3200, 6400
Polling Rate	Up to 1000Hz
Acceleration	20G
Buttons	8 Programmable Buttons
RGB Lighting	12 Dynamic Modes
Product Dimensions	5.91 x 3.86 x 0.1 inches
Item Weight	6.7 ounces
Cable Length	3 ft (approx.)
Compatibility	Windows, Linux, macOS



Flagship Optical Sensor

Engineered for precision and responsiveness

DPI Adjustment Range	200-12800
Polling Rate	1000Hz
Acceleration	20G

Acer
Acer Wired Gaming Mouse
Model: OMW317
Material: ABS
Rating: 5.5V = 60mA

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Manufacturer: Dongguan Boyue Industrial Co.,Ltd

MADE IN CHINA MFG Data :2025/06

Figure 13: Optical Sensor and Key Specifications



Figure 14: Mouse Dimensions and Button Layout

8. WARRANTY AND SUPPORT

8.1 Product Warranty

Your Acer OMW317 Wired Gaming Mouse comes with a Product Warranty Card. Please refer to this card for detailed information regarding warranty coverage, terms, and conditions. Keep your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please visit the official Acer support website or contact Acer customer service. Contact information can typically be found on the Acer website or on your warranty card.

You can also visit the [Acer Store on Amazon](#) for additional product information and resources.

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

Answered questions about this manual

How do I fix connection issues with the Acer OMW317 Wired Gaming Mouse on a Windows 11 PC?

The Acer OMW317 is a plug-and-play device that should work automatically on Windows 11 without additional drivers for basic functionality. If your PC is not recognizing the mouse, please follow these troubleshooting steps:Check the...

[Read full answer](#)

