

## Acer NMW810

# Acer NMW810 Nitro Gaming Mouse User Manual

Model: NMW810

## 1. INTRODUCTION

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This manual provides instructions for the Acer NMW810 Nitro Gaming Mouse. This mouse features 6-level adjustable DPI settings, customizable lighting modes, and a durable design with a 5 million click lifetime. It is designed for use with various operating systems including Windows, macOS, and iPad OS.



## 2. PRODUCT FEATURES

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The Acer NMW810 Nitro Gaming Mouse is equipped with several features to enhance your experience:

- **8 Functional Buttons:** Programmable buttons for various commands.
- **Adjustable DPI:** 6-level DPI settings, up to 4000 DPI, for precise control.
- **Customizable Lighting:** Multiple lighting modes to personalize your setup.
- **Optional Weights:** Includes four 5g weights (total 20g) for adjustable mouse feel.
- **Optical Sensor:** Features an Avago 3050 optical sensor for accurate tracking.
- **Ergonomic Design:** Shaped for comfortable use during extended periods.



Figure 2.1: Key features of the Acer NMW810 Nitro Gaming Mouse, including numbered buttons and optional weights.

## 3. SETUP GUIDE

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Follow these steps to set up your Acer NMW810 Nitro Gaming Mouse:

1. **Connect the Mouse:** Plug the USB connector of the mouse into an available USB port on your computer.
2. **Driver Installation:** The mouse is plug-and-play. Your operating system (Windows, macOS, iPad OS) will automatically detect and install the necessary drivers. No additional software installation is typically required for basic functionality.
3. **Placement:** Place the mouse on a clean, flat surface or a mouse pad for optimal tracking performance.



Figure 3.1: Connect the mouse to your computer's USB port.

## 4. OPERATING INSTRUCTIONS

The Acer NMW810 Nitro Gaming Mouse features 8 functional buttons for various actions. Refer to the diagram below for button identification:



Figure 4.1: Acer NMW810 Nitro Gaming Mouse button layout.

- **Left Click (1):** Standard primary click function.
- **Right Click (2):** Standard secondary click function.
- **Scroll Wheel (3):** Scroll up/down, and middle click function.
- **DPI Up (4):** Increases the DPI sensitivity.

- **DPI Down (5):** Decreases the DPI sensitivity.
- **Forward Button (6):** Navigates forward in web browsers or file explorers.
- **Backward Button (7):** Navigates backward in web browsers or file explorers.
- **Fire Button (8):** Often used for rapid-fire actions in gaming.

The mouse's DPI settings can be adjusted on-the-fly using the dedicated DPI buttons (4 and 5). The current DPI level is indicated by the LED lights on the mouse body.

## 5. CUSTOMIZATION

### 5.1. Adjusting DPI Sensitivity

The NMW810 Nitro Gaming Mouse offers 6 levels of adjustable DPI (Dots Per Inch) sensitivity, up to 4000 DPI. Use the DPI Up (4) and DPI Down (5) buttons located behind the scroll wheel to cycle through the sensitivity levels. Each level corresponds to a different LED color or pattern on the mouse, providing visual feedback for the selected DPI.



Figure 5.1: DPI indicator lights on the Acer NMW810 Nitro Gaming Mouse.

### 5.2. Adjusting Mouse Weight

The mouse includes four removable 5g weights, allowing you to customize the overall weight and balance of the mouse. To adjust the weights:

1. Locate the weight compartment on the underside of the mouse.
2. Carefully open the compartment.
3. Add or remove the 5g weights as desired to achieve your preferred mouse feel.
4. Close the compartment securely.



Figure 5.2: Removable 5g weights for customizing mouse feel.

### 5.3. Lighting Modes

The mouse features various lighting modes. The lighting color often corresponds to the selected DPI level. Specific controls for changing lighting modes beyond DPI indication may be available through system settings or dedicated software (if provided by Acer, check their official website for software downloads).

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your Acer NMW810 Nitro Gaming Mouse, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the mouse. For stubborn dirt, slightly dampen the cloth with water or a mild cleaning solution. Avoid harsh chemicals or abrasive materials.
- **Optical Sensor:** Periodically clean the optical sensor area on the underside of the mouse with a cotton swab to prevent dust and debris from affecting tracking accuracy.
- **Cable Care:** Avoid sharply bending or twisting the mouse cable to prevent internal damage.
- **Storage:** When not in use, store the mouse in a clean, dry environment away from extreme temperatures.

## 7. TROUBLESHOOTING

If you encounter issues with your Acer NMW810 Nitro Gaming Mouse, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Mouse not responding	Loose USB connection, faulty USB port, driver issue.	<ul style="list-style-type: none"><li>• Ensure the USB cable is securely plugged into the computer.</li><li>• Try plugging the mouse into a different USB port.</li><li>• Restart your computer.</li><li>• Check Device Manager (Windows) or System Information (macOS) to see if the mouse is recognized.</li></ul>

Problem	Possible Cause	Solution
Cursor movement is erratic or jumpy	Dirty optical sensor, unsuitable surface, software interference.	<ul style="list-style-type: none"><li>• Clean the optical sensor on the underside of the mouse.</li><li>• Use the mouse on a clean, opaque mouse pad or surface.</li><li>• Ensure no other pointing devices are interfering.</li></ul>
Buttons not functioning	Software conflict, physical damage.	<ul style="list-style-type: none"><li>• Test the mouse on another computer to rule out software issues.</li><li>• Check for any third-party mouse software that might be remapping buttons.</li></ul>
LED lights not working	Power issue, software setting.	<ul style="list-style-type: none"><li>• Ensure the mouse is properly connected and receiving power.</li><li>• Check if there are any specific lighting controls or software from Acer.</li></ul>

## 8. SPECIFICATIONS

Brand	Acer
Model Number	NMW810
Connectivity Technology	USB (Wired)
Movement Detection Technology	Optical (Avago 3050 sensor)
DPI Settings	6-level adjustable, up to 4000 DPI
Number of Buttons	8 functional buttons
Click Lifetime	5 million clicks
Adjustable Weights	Optional 20g (4 x 5g weights)
Hardware Platform	PC
Operating System Compatibility	Windows, macOS, iPad OS
Product Dimensions (L x W x H)	12.7 x 7.8 x 3.86 cm (5 x 3.07 x 1.52 inches)
Item Weight	145.15 g (without optional weights)
Special Feature	Ergonomic Design

## 9. WARRANTY AND SUPPORT

## 9.1. Warranty Information

The Acer NMW810 Nitro Gaming Mouse comes with a **1-year standard warranty** from Acer. This warranty covers manufacturing defects and ensures the product meets its specified performance. Please retain your proof of purchase for warranty claims.

## 9.2. Customer Support

For technical assistance, warranty claims, or further information, please visit the official Acer support website or contact their customer service. You can find contact details and support resources on the [Acer Support Page](#).

