acer OMR279

acer Wireless Gaming Mouse OMR279 User Manual

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your acer Wireless Gaming Mouse OMR279. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

PACKAGE CONTENTS

- acer Wireless Gaming Mouse OMR279
- USB-A Receiver (stored inside the mouse)
- USB Charging Cable
- User Manual (this document)

PRODUCT OVERVIEW

The acer Wireless Gaming Mouse OMR279 is designed for precision and versatility, offering both wired and 2.4GHz wireless connectivity. It features a high-performance optical sensor, 8 programmable buttons, and dynamic RGB lighting.

Figure 1: Top view of the mouse highlighting the Left Button, Scroll Wheel, DPI Button with Indicator, Right Button, and Forward & Backward Buttons.

Figure 2: Bottom view and side profile of the mouse, detailing the USB receiver storage, ON/OFF switch, and dimensions.

Key Features:

- **24,000 DPI Optical Sensor:** High-performance sensor with 1000Hz polling rate and 35G

acceleration for precise tracking.

- **Dual-Mode Connectivity:** Seamlessly switch between high-speed wired and lag-free 2.4GHz wireless modes.
- **8 Programmable Buttons:** Customize functions and macros via driver software.
- **Ambidextrous Design:** Symmetrical shape for comfortable use by both left and right-handed users.
- **Dynamic RGB Lighting:** 9 customizable RGB modes with 16.8 million colors.
- **Long Battery Life:** 650mAh rechargeable battery provides up to 40 hours of use per charge.
- **Smart Power Management:** Features light sleep (30s idle) and deep sleep (180s idle) modes to conserve battery.

SETUP

1. Wireless Connection (2.4GHz)

1. Locate the USB-A receiver stored under the back cover of the mouse.
2. Plug the USB-A receiver into an available USB port on your computer.
3. Turn on the mouse using the ON/OFF switch located on the bottom of the mouse.
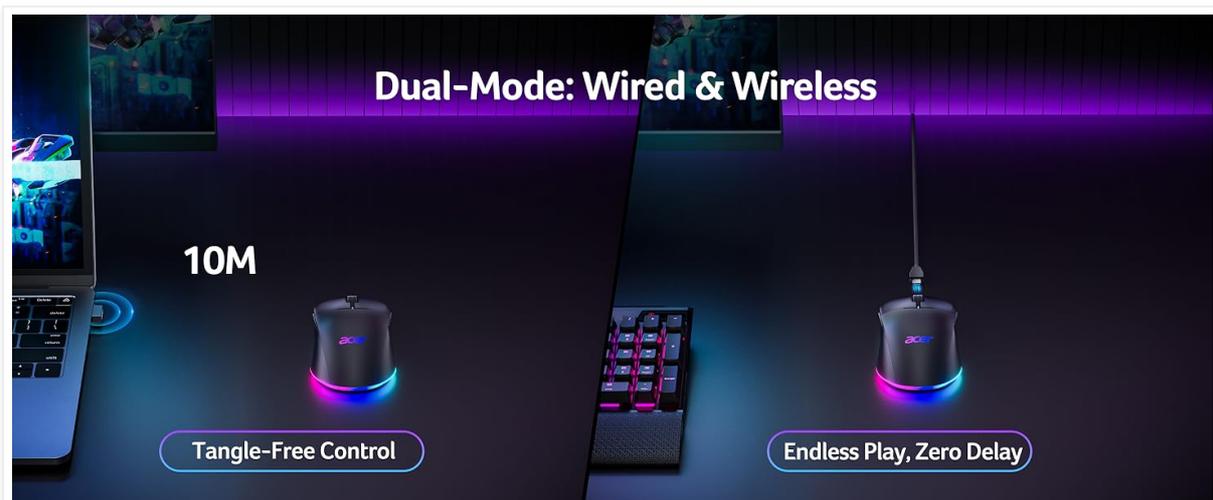4. The mouse should automatically connect to your computer.

Figure 3: Dual-mode connectivity, showing wireless setup with a laptop and wired setup with a desktop.

2. Wired Connection

1. Connect the provided USB charging cable to the front port of the mouse.
2. Plug the other end of the USB cable into an available USB port on your computer.
3. The mouse will function as a wired mouse and will also charge its internal battery.

3. Driver Installation

To unlock full customization options for DPI, programmable buttons, and RGB lighting, it is recommended to install the official driver software. Please visit the official acer support website for your region to download the latest driver for the OMR279 model. Follow the on-screen instructions for installation.
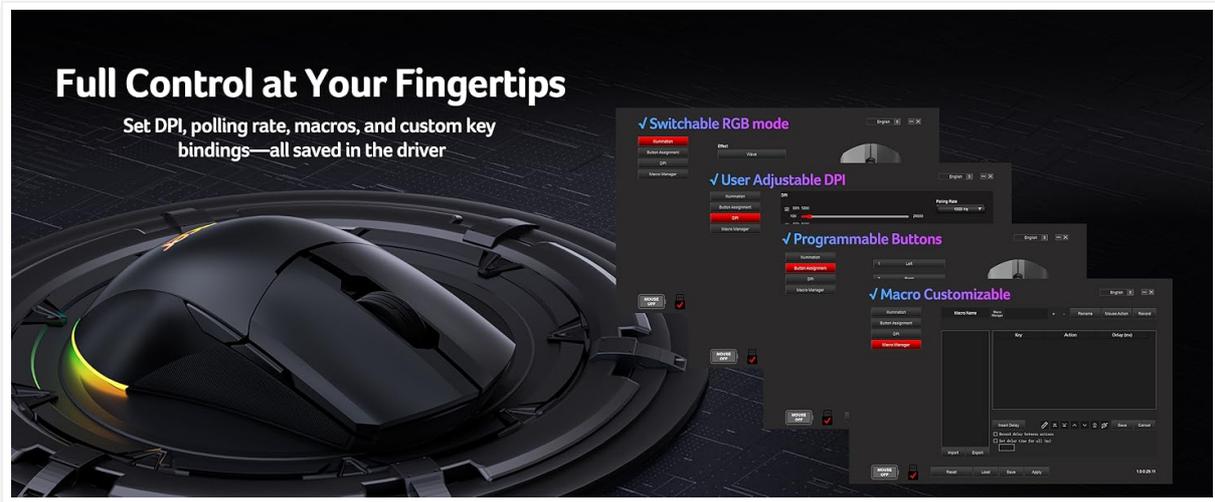
Figure 4: Driver software interface for customizing mouse settings.

Note: Some users have reported difficulties accessing the driver download page. If you encounter issues, please refer to the Troubleshooting section or contact acer support.

OPERATING INSTRUCTIONS

1. DPI Adjustment

The mouse features 6 default DPI levels, which can be cycled through using the DPI button located on the bottom of the mouse. The default DPI values are 1200, 1600, 2400, 5000, 12000, and 24000. Each level is indicated by a specific LED color.
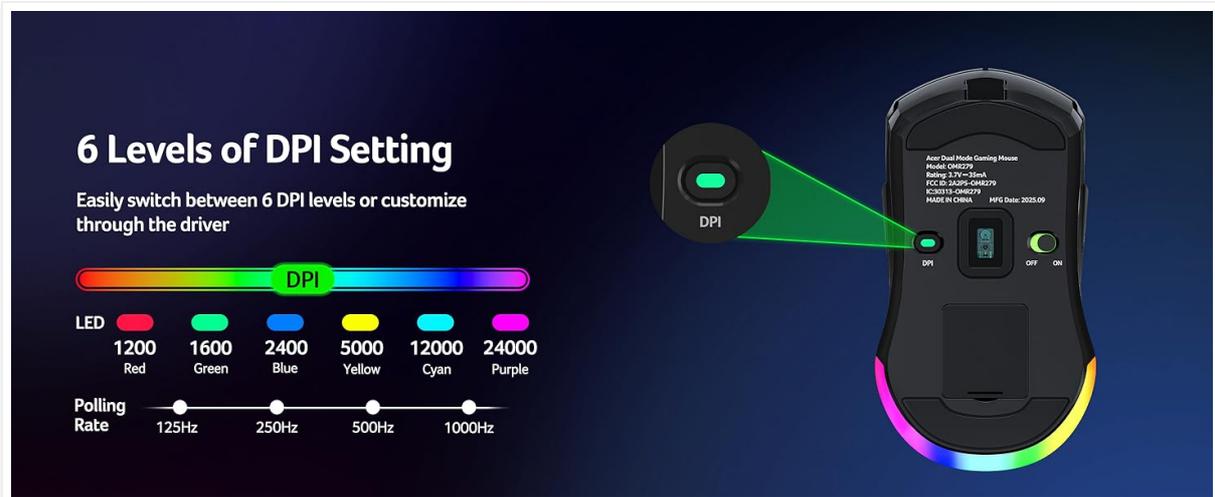

Figure 5: DPI levels and their corresponding LED indicators and polling rates.

Custom DPI values (max 24000, min 1200) and their associated LED colors can be configured using the driver software.

2. Programmable Buttons

The mouse is equipped with 8 programmable buttons. These buttons can be remapped, and multi-step macros can be assigned using the driver software. After making changes in the driver, ensure you click "Apply" for the settings to take effect.

3. RGB Lighting Control

The mouse features dynamic RGB lighting with 9 modes and 16.8 million colors. You can adjust

brightness, speed, and effects through the driver software. To cycle through RGB modes without the driver, hold the front side button and scroll the mouse wheel. The RGB auto-off feature can also be toggled in the driver.

Figure 6: Dynamic RGB lighting effects.

4. Charging and Battery Management

The mouse has a built-in 650mAh rechargeable battery, providing up to 40 hours of use on a single charge. It fully charges in approximately 2 hours. The mouse can be used while charging via the USB cable.

Figure 7: Charging indicator and battery capacity.

To conserve power, the mouse enters a light sleep mode after 30 seconds of inactivity (wakes with movement) and a deep sleep mode after 180 seconds of inactivity (wakes with a click). This feature can be disabled in the driver software.
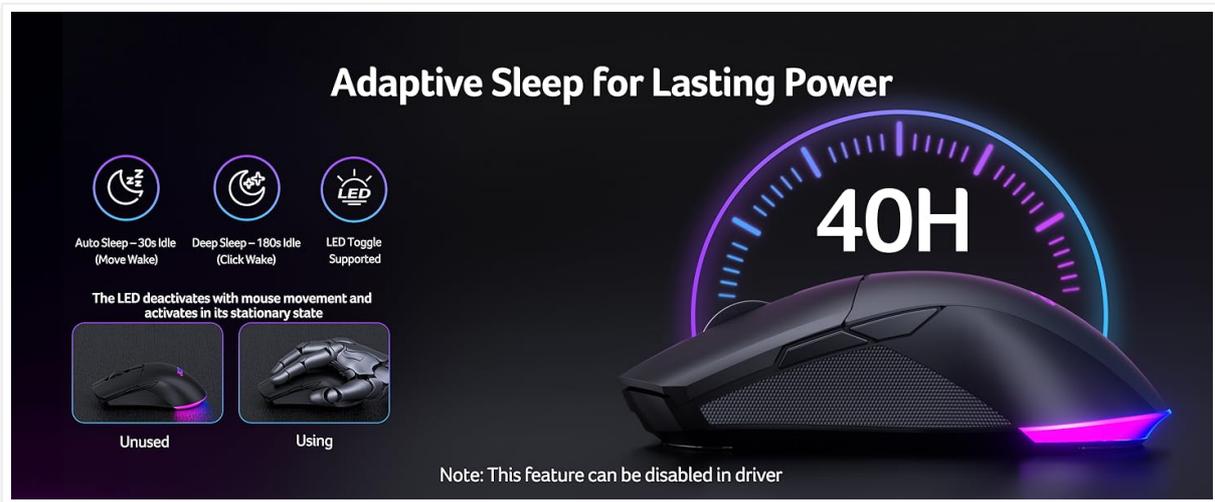
Figure 8: Adaptive sleep for power saving.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the mouse. For stubborn dirt, a slightly damp cloth can be used, ensuring no liquid enters the mouse.
- **Storage:** When not in use for extended periods, turn off the mouse to conserve battery. Store the USB receiver inside the mouse's dedicated compartment to prevent loss.
- **Battery Care:** Avoid fully discharging the battery frequently. Charge the mouse regularly to maintain battery health.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Mouse not responding (wireless)	Low battery, receiver not connected, mouse turned off, out of range.	Charge the mouse. Ensure USB receiver is securely plugged in. Turn on the mouse. Move mouse closer to the receiver (within 10m).
Mouse not responding (wired)	USB cable not connected properly, faulty USB port.	Ensure USB cable is securely connected to both mouse and computer. Try a different USB port.
DPI settings not changing	Driver not installed or settings not applied.	Install the official driver software. After changing settings in the driver, click "Apply".
RGB lighting not working or stuck	RGB auto-off enabled, incorrect mode selection, driver issue.	Check RGB auto-off setting in the driver. Cycle through modes by holding the front side button and scrolling the wheel. Reinstall driver if necessary.

Problem	Possible Cause	Solution
Difficulty installing driver software	Incorrect website, temporary server issue, firewall blocking.	Ensure you are visiting the official acer support website for your region. Try accessing the site from a different browser or device. Temporarily disable firewall/antivirus if necessary. Contact acer support if issues persist.
Unclear battery status indication	Limited visual indicator on the mouse.	The mouse's LED provides basic charging status (flashing while charging, off when full). For more detailed battery percentage, check the driver software if available and installed.

SPECIFICATIONS

Feature	Detail
Model Number	OMR279
Connectivity	2.4GHz Wireless, Wired (USB)
DPI Range	1200 - 24,000 DPI (Adjustable)
Polling Rate	1000Hz
Acceleration	35G
Buttons	8 Programmable Buttons
Lighting	Dynamic RGB (9 modes, 16.8M colors)
Battery	650mAh Rechargeable (Nonstandard Battery)
Battery Life	Up to 40 hours
Charging Time	Approx. 2 hours
Dimensions	4.9 x 2.7 x 0.1 inches (124mm x 67.5mm x 39.5mm)
Weight	0.704 ounces (approx. 20g)
Movement Detection Technology	Optical
Special Features	Ambidextrous Design, LED Lights, Programmable Buttons, Rechargeable

SAFETY INFORMATION

- Do not expose the mouse to extreme temperatures or humidity.
- Avoid dropping or subjecting the mouse to strong impacts.
- Do not attempt to disassemble or modify the mouse, as this will void the warranty and may cause damage.
- Keep out of reach of children.

- Dispose of the battery according to local regulations.

WARRANTY AND SUPPORT

Your acer Wireless Gaming Mouse OMR279 is covered by a limited warranty. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official acer support website. For technical assistance or customer service, please contact acer support through their official channels.