

EMPIRE GAMING RF903

EMPIRE GAMING RF903 Wireless Gaming Mouse User Manual

Model: RF903

1. INTRODUCTION

Thank you for choosing the EMPIRE GAMING RF903 Wireless Gaming Mouse. This manual provides detailed instructions for setting up, operating, and maintaining your new gaming mouse. The RF903 offers a responsive 2.4GHz wireless connection, adjustable DPI settings, vibrant RGB backlighting, and an ergonomic design for extended gaming sessions. It is compatible with a wide range of platforms including PC, Mac, PS4, PS5, Xbox One, and Xbox Series.



Image 1: Front view of the EMPIRE GAMING RF903 Wireless Gaming Mouse, highlighting its RGB lighting, 4800 DPI capability, and wireless connectivity.

2. PACKAGE CONTENTS

Please ensure all items are present in your package:

- EMPIRE GAMING RF903 Wireless Gaming Mouse
- USB 2.4GHz Receiver
- USB-C Charging Cable
- User Manual (this document)



Image 2: The retail packaging for the EMPIRE GAMING RF903 Wireless Gaming Mouse.

3. PRODUCT OVERVIEW

Familiarize yourself with the buttons and features of your RF903 mouse:



Image 3: Labeled diagram of the RF903 mouse, showing the Left Button, Right Button, Scroll Wheel, DPI Button, RGB Backlight, Next Button, and Previous Button.

1. **Left Button:** Standard left-click function.
2. **Right Button:** Standard right-click function.
3. **Scroll Wheel:** For scrolling through documents and web pages. Also functions as a middle-click button.
4. **DPI Button:** Adjusts the mouse sensitivity (DPI).
5. **Next Button:** Forward navigation in web browsers or applications.
6. **Previous Button:** Backward navigation in web browsers or applications.
7. **RGB Backlight:** Integrated LED lighting for aesthetic appeal.

4. SETUP

Follow these steps to set up your EMPIRE GAMING RF903 Wireless Gaming Mouse:

1. **Locate the USB Receiver:** The 2.4GHz USB receiver is stored in a compartment on the underside of the mouse for convenience during transport. Gently remove it.
2. **Connect the Receiver:** Plug the USB receiver into an available USB port on your computer or gaming console.

3. **Power On the Mouse:** Flip the power switch located on the underside of the mouse to the "ON" position. There is also an "LED" position to enable RGB lighting.
4. **Automatic Connection:** The mouse should automatically connect to the receiver. No additional drivers are typically required for basic functionality (Plug-and-Play).

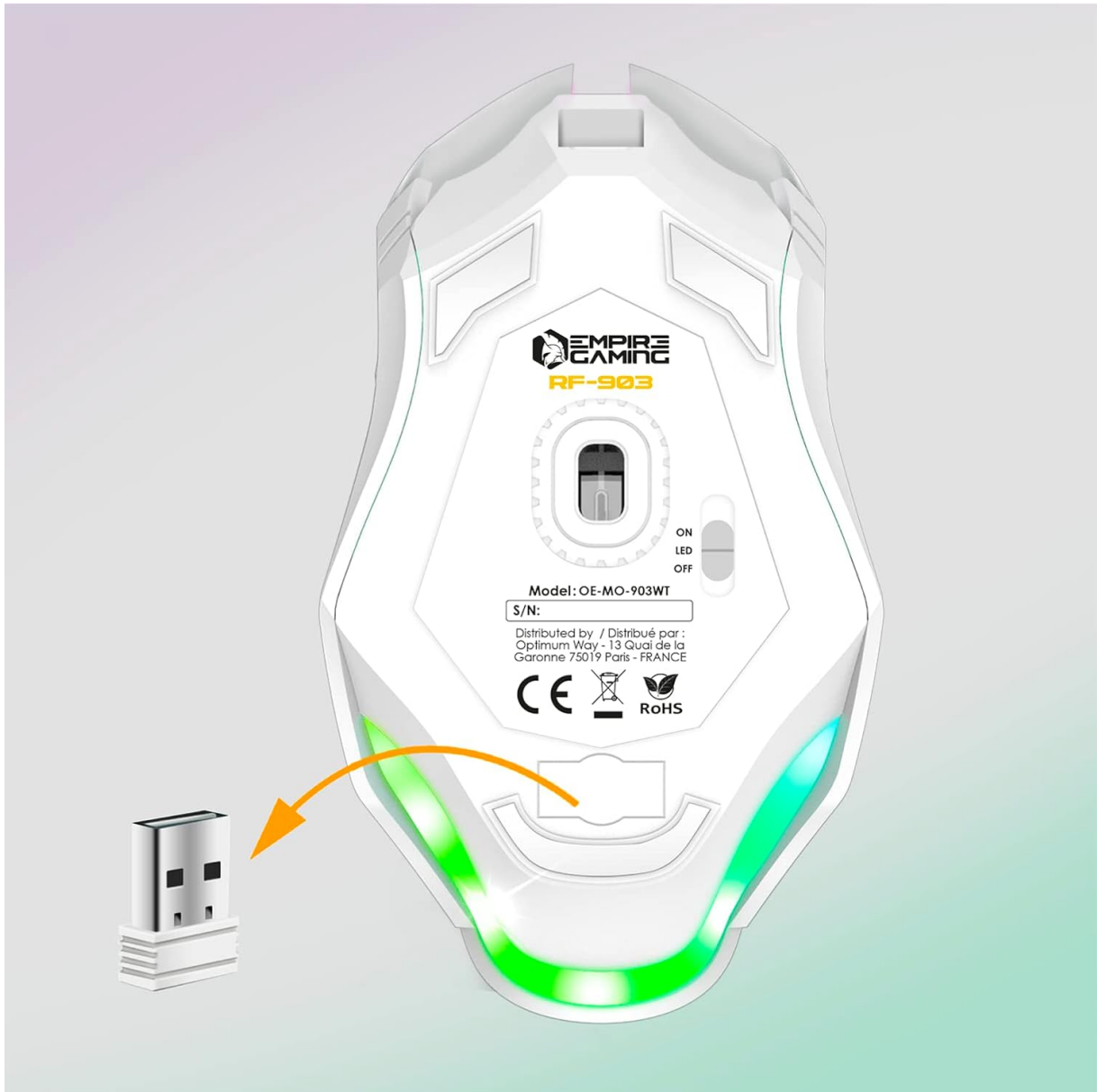


Image 4: The underside of the RF903 mouse, indicating the storage slot for the USB receiver and the power/LED switch.

5. OPERATING INSTRUCTIONS

Once connected, the RF903 mouse operates like a standard mouse. Use the left and right buttons for primary actions, the scroll wheel for navigation, and the side buttons for forward/backward functions in compatible applications.

6. DPI ADJUSTMENT

The DPI (Dots Per Inch) button allows you to change the mouse's sensitivity on the fly. Press the **DPI Button** (Button 4 in Product Overview) to cycle through the available sensitivity settings:

- **1200 DPI:** Standard sensitivity for general use.
- **2400 DPI:** Increased sensitivity for faster cursor movement.

- **4800 DPI:** High sensitivity for precise gaming or rapid movements.

The mouse's RGB lighting may briefly change color to indicate the current DPI setting, though this is not explicitly stated in the product features, it is a common feature for gaming mice.

7. RGB LIGHTING

The RF903 features integrated RGB LED backlighting. To enable the lighting, ensure the power switch on the underside of the mouse is set to the "LED" position. The RGB lighting enhances the aesthetic of your gaming setup.



Image 5: The RF903 mouse illuminated with RGB lighting, positioned next to a matching RGB keyboard.

8. CHARGING

The RF903 mouse is equipped with a rechargeable battery, offering up to 100 hours of use on a single charge. When the battery is low, connect the included USB-C charging cable to the mouse and to a USB power source (e.g., computer USB port, USB wall adapter). The mouse can typically be used while charging.

9. COMPATIBILITY

The EMPIRE GAMING RF903 Wireless Gaming Mouse is designed for broad compatibility:

- **Operating Systems:** Windows PC, macOS
- **Gaming Consoles:** PlayStation 4 (PS4), PlayStation 5 (PS5), Xbox One, Xbox Series X|S

The Plug-and-Play functionality ensures easy setup across these platforms.

10. MAINTENANCE

To ensure the longevity and optimal performance of your RF903 mouse:

- **Cleaning:** Use a soft, dry cloth to clean the mouse. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the device. 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 accurate tracking.
- **Battery Care:** Avoid fully discharging the battery frequently. For long-term storage, charge the mouse to about 50% and store it in a cool, dry place.
- **Storage:** When not in use, especially during travel, store the USB receiver in its dedicated slot on the mouse's underside to prevent loss.

11. TROUBLESHOOTING

If you encounter issues with your RF903 mouse, refer to the following common solutions:

- **Mouse Not Responding:**
 - Ensure the mouse is powered on (switch set to "ON" or "LED").
 - Check if the USB receiver is securely plugged into a working USB port.
 - Try plugging the receiver into a different USB port.
 - Ensure the mouse battery is charged. Connect the USB-C cable to charge.
 - Move the mouse closer to the USB receiver to rule out interference.
- **Lag or Intermittent Connection:**
 - Reduce the distance between the mouse and the receiver.
 - Remove any potential sources of wireless interference (e.g., other 2.4GHz devices, large metal objects).
 - Ensure the battery is sufficiently charged.
- **DPI Not Changing:**
 - Press the DPI button firmly.
 - Ensure the mouse is powered on and connected.
- **RGB Lighting Not Working:**
 - Verify the power switch on the underside of the mouse is set to the "LED" position.
 - Ensure the mouse battery is charged.

12. SPECIFICATIONS

Feature	Detail
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Brand	EMPIRE GAMING
Model Name	RF903
Model Number	OE-MO-903WT
Color	White
Connectivity Technology	Wireless (2.4GHz USB Receiver)
Sensor Technology	Optical
DPI Settings	1200, 2400, 4800 (Adjustable)
Polling Rate	Up to 500 Hz
Number of Buttons	6 (Left, Right, Scroll Click, DPI, Next, Previous)
Hand Orientation	Right-handed
Battery Life	Up to 100 hours
Charging Port	USB-C
Dimensions (L x W x H)	12.2 x 7.3 x 3.5 cm
Weight	89.1 Grams
Special Features	Rechargeable, RGB Backlighting
Compatibility	PC, Mac, PS4, PS5, Xbox One, Xbox Series

13. WARRANTY

The EMPIRE GAMING RF903 Wireless Gaming Mouse comes with a **2-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accident, unauthorized modification, or external causes.

14. SUPPORT

For further assistance, technical support, or warranty inquiries, please contact EMPIRE GAMING customer service through their official website or the retailer where the product was purchased. Please have your product model number (RF903) and proof of purchase ready when contacting support.