

## DIERYA M1

# DIERYA Falcon M1 Wireless Gaming Mouse User Manual

Model: M1

## 1. INTRODUCTION

Thank you for choosing the DIERYA Falcon M1 Wireless Gaming Mouse. This manual provides detailed instructions for setting up, operating, and maintaining your new gaming mouse. Please read this manual thoroughly before use to ensure optimal performance and longevity of your device.



Image 1.1: Overview of the DIERYA Falcon M1 Wireless Gaming Mouse, showcasing its honeycomb design, 2.4GHz Bluetooth 5.2 wired connectivity, 200-24,000 DPI, 125-1000Hz polling rate, 1000mAh battery, 6 programmable buttons, customizable RGB strip, dedicated software support, 50 million click durability, and ultralight 90-gram weight.

## 2. PACKAGE CONTENTS

Please check the package for the following items:

- DIERYA Falcon M1 Wireless Gaming Mouse
- USB-C Cable
- USB Wireless Receiver (2.4GHz dongle)
- Instruction Manual (this document)

### 3. PRODUCT FEATURES

- **High-Precision Sensor:** Industry-leading 200-24,000 DPI, adjustable in 1-unit increments. Features 6 preset DPI levels (400/800/1600/3200/4800/6400) with visual confirmation via scroll wheel LED and RGB strip color coding (White/Yellow/Cyan/Blue/Green/Red). Supports 125-1000Hz report rate.
- **Extended Battery Life & Rapid Charging:** Equipped with a 1000mAh battery, offering up to 180 hours of use in ECO mode and 48 hours with full RGB lighting. Fully charges in 1 hour via USB-C. Features automatic sleep functions (1 minute/5 minutes idle) to prevent unnecessary power consumption.
- **Triple Mode Connectivity:** Seamlessly switch between 2.4GHz wireless (1000Hz polling rate), Bluetooth 5.2 (supports simultaneous connection to 2 devices), and USB-C wired (1000Hz polling rate). Store and instantly recall 4 device profiles using a button on the bottom. Connection status is indicated by an LED.
- **Ultralight & Ergonomic Design:** Weighs only 90g with a breathable honeycomb structure to prevent hand sweat during extended use. Medium-sized (125x63x41mm) to fit various hand types. Features durable Huano switches rated for 20 million clicks and low-friction PTFE feet for smooth gliding.
- **Customizable RGB Lighting:** Driver software allows macro registration and key assignment for 6 buttons. Supports 13 lighting effects (e.g., breathing, flickering, flow, starry sky) and 16.8 million customizable colors.



Image 3.1: High-precision optical sensor details, showing DPI range from 200 to 24,000, tracking speed up to 300 IPS, and acceleration of 35G.



Image 3.2: Illustration of the mouse's triple connection modes: 2.4GHz wireless, Bluetooth 5.2, and USB-C wired, connecting to various devices like PC, laptop, tablet, and console.

## 4. SETUP

### 4.1. Connecting via 2.4GHz Wireless

1. Locate the USB wireless receiver (dongle) inside the mouse or in the packaging.
2. Plug the USB receiver into an available USB port on your computer.
3. Turn on the mouse using the power switch located on the bottom.
4. The mouse should automatically connect to your computer. The LED indicator will show the connection status.

### 4.2. Connecting via Bluetooth 5.2

1. Turn on the mouse and switch to Bluetooth mode using the mode switch on the bottom of the mouse.
2. On your computer or device, go to Bluetooth settings and enable Bluetooth.
3. Press and hold the Bluetooth pairing button (usually on the bottom of the mouse) until the LED indicator starts blinking, indicating pairing mode.
4. Select "DIERYA Falcon M1" from the list of available Bluetooth devices on your computer/device and complete the pairing process.
5. The mouse supports connecting to two Bluetooth devices simultaneously. Switch between them using the profile button on the bottom.

### 4.3. Connecting via USB-C Wired

1. Connect one end of the provided USB-C cable to the mouse.
2. Connect the other end of the USB-C cable to an available USB port on your computer.
3. The mouse will automatically switch to wired mode and begin charging.

### 4.4. Driver/Software Installation

For advanced customization of DPI, button assignments, macros, and RGB lighting, please download the dedicated software from the official DIERYA website. Refer to the website for the latest software version and installation instructions.



Image 4.1: Screenshot of the DIERYA customization software, showing options for key functions, DPI adjustment, report rate, and RGB lighting effects.

## 5. OPERATING INSTRUCTIONS

### 5.1. DPI Adjustment

The mouse features a dedicated DPI button (usually located behind the scroll wheel) to cycle through preset DPI levels. The scroll wheel LED and RGB strip will change color to indicate the current DPI setting:

- White: 400 DPI
- Yellow: 800 DPI
- Cyan: 1600 DPI
- Blue: 3200 DPI
- Green: 4800 DPI
- Red: 6400 DPI

For fine-tuning DPI settings from 200 to 24,000, use the dedicated software.

### 5.2. RGB Lighting Control

The RGB lighting effects and colors can be customized using the DIERYA software. You can choose from 13 preset effects and 16.8 million colors to match your preference.

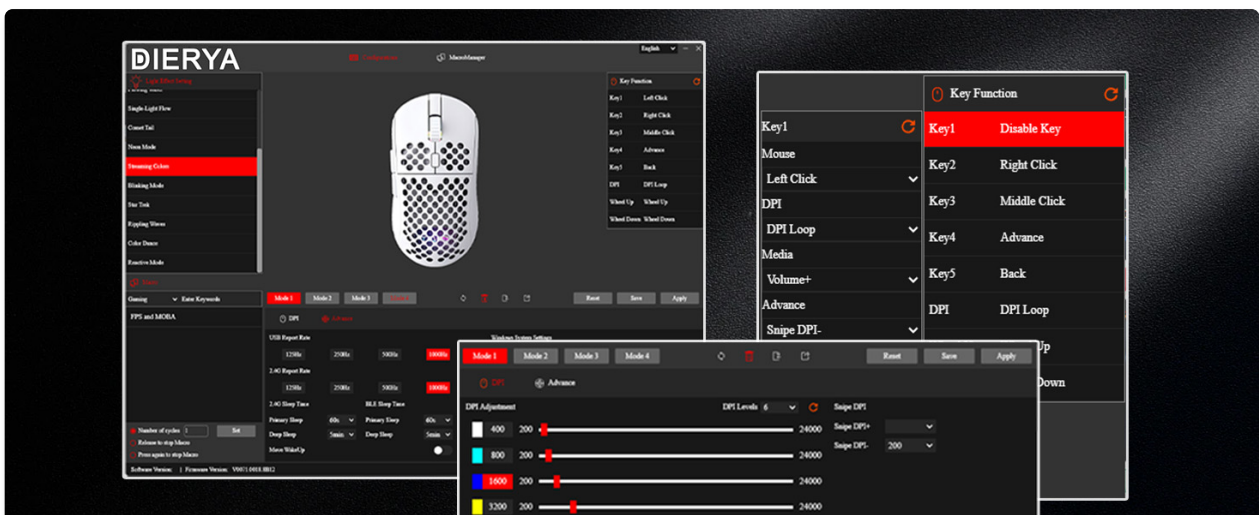


Image 5.1: The DIERYA Falcon M1 mouse showcasing its customizable full-color RGB lighting with various effects and 16.8

million color options.

### 5.3. Button Customization and Macros

The Falcon M1 features 6 programmable buttons. Use the DIERYA software to assign custom key functions, create macros, and configure button behavior according to your gaming or work needs.

## 6. CHARGING AND BATTERY MANAGEMENT

### 6.1. Charging the Mouse

To charge the mouse, connect it to your computer using the provided USB-C cable. The LED indicator will show charging status. A full charge takes approximately 1 hour.

### 6.2. Battery Life

The 1000mAh battery provides:

- Up to 180 hours in ECO power-saving mode (RGB lighting off).
- Up to 48 hours with full RGB lighting enabled.

### 6.3. Automatic Sleep Function

The mouse is equipped with smart power management:

- **Light Sleep:** Activates automatically after 1 minute of inactivity.
- **Deep Sleep:** Activates automatically after 5 minutes of inactivity.

You can customize the sleep activation times using the dedicated software.



**最大 180 時間駆動 (ECO省電力モード) / 日常使用で数週間持続**

**なぜ 180 時間以上の駆動が可能なのか?**

スマート節電技術が使用習慣に自動適応

ライトスリープモード (消費電力  $\leq 1\text{mA}$ ): 1000mAh 大容量バッテリー搭載  
自動復帰: 1分間のアイドル(操作なし)後に自動で有効化 →  
マウス移動 or ボタンクリックで即時復帰

ディープスリープモード (消費電力 0.048mA):  
自動切替: 5分間のアイドル(操作なし)後に自動で有効化 →  
ボタンクリックで復帰

ECO省電力モード (消費電力 5.7mA):  
手動切り替え可能な超省電力状態 (最大 180 時間駆動を実現)

▶ 全てのモードの切替時間は専用ソフトウェアで設定可能

Image 6.1: Smart power management features, illustrating up to 180 hours of battery life in ECO mode and 45 hours with RGB on, along with light and deep sleep modes.

## 7. MAINTENANCE

### 7.1. Cleaning the Mouse

To maintain optimal performance and hygiene, regularly clean your mouse:

- 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).

- Use a can of compressed air to clear dust and debris from the honeycomb holes and around the buttons and scroll wheel.
- Ensure the mouse is powered off and disconnected before cleaning.

## 7.2. PTFE Feet Care

The PTFE feet provide smooth gliding. To prolong their lifespan:

- Use the mouse on a clean, smooth surface.
- Avoid abrasive surfaces that can wear down the feet quickly.
- If the feet become worn, replacement feet may be available from the manufacturer.



Image 7.1: Details of the mouse's comfortable ventilation honeycomb structure and ultra-smooth PTFE feet for enhanced grip and glide.

## 8. TROUBLESHOOTING

If you encounter any issues with your DIERYA Falcon M1 mouse, please refer to the following common troubleshooting steps:

- **Mouse not responding:**
  - Ensure the mouse is powered on.
  - Check battery level and charge if necessary.
  - For 2.4GHz wireless, ensure the USB receiver is securely plugged in. Try a different USB port.
  - For Bluetooth, ensure Bluetooth is enabled on your device and the mouse is properly paired. Try re-pairing.
  - For wired mode, ensure the USB-C cable is securely connected to both the mouse and the computer.
  - Try restarting your computer.
- **DPI not changing:**
  - Ensure you are pressing the correct DPI cycle button.
  - Check if the DPI settings have been locked or customized in the software.
- **RGB lighting not working or incorrect:**
  - Ensure RGB lighting is enabled in the DIERYA software.

- Check if the mouse is in ECO mode, which might disable RGB.
- Update the mouse firmware via the software if available.
- **Lag or intermittent connection:**
  - Reduce interference by moving other wireless devices away from the receiver.
  - Ensure the mouse is within range of the receiver (for 2.4GHz) or Bluetooth device.
  - Update your computer's USB or Bluetooth drivers.

If these steps do not resolve the issue, please contact DIERYA customer support for further assistance.

## 9. SPECIFICATIONS

Feature	Specification
Brand	DIERYA
Model Number	M1
Color	White
Connectivity Technology	2.4GHz Wireless, Bluetooth 5.2, USB-C Wired
Special Features	RGB Lighting, Customizable Buttons, Dual Mode Connection, Wireless, Ultralight Design
Movement Detection Technology	Optical
Number of Buttons	6
Hand Orientation	Right
Compatible Devices	Desktop PC, Notebook PC, PC
Operating System Compatibility	macOS, Windows 10, Windows 11
Average Battery Life	180 Hours (ECO Mode)
Number of Batteries	1 Non-standard Battery (Included)
Hardware Platform	Linux, Mac, PC
Power Source	Battery Powered
Product Weight	90 Grams (approx.)

## 10. WARRANTY AND SUPPORT

### 10.1. Warranty Information

DIERYA provides a **1-year warranty** against manufacturing defects from the date of purchase. This warranty

does not cover damage caused by misuse, accident, unauthorized modification, or external causes.

## **10.2. Customer Support**

For technical support, warranty claims, or any inquiries regarding your DIERYA Falcon M1 Wireless Gaming Mouse, please visit the official DIERYA website or contact our customer service team through the contact information provided on our website.

Please have your product model number (M1) and proof of purchase ready when contacting support.