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> [DIERYA](#) /

> DIERYA Falcon M1 Wireless Gaming Mouse User Manual

## DIERYA M1

# DIERYA Falcon M1 Wireless Gaming Mouse User Manual

Model: M1

## 1. PRODUCT OVERVIEW

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The DIERYA Falcon M1 is a high-performance wireless gaming mouse designed for precision and versatility. It features multiple connectivity options, customizable settings, and an ergonomic design for extended use.



**Figure 1.1:** Overview of the DIERYA Falcon M1 Wireless Gaming Mouse, illustrating its honeycomb design, 2.4GHz/Bluetooth 5.2/USB-C connectivity, 200-24000 DPI range, 125-1000Hz polling rate, 1000mAh battery, 6 programmable buttons, customizable RGB strip, dedicated software support, 20 million click durability, and ultra-light 90-gram weight.

# ゲームとビジネスを制圧せよ： 精密設計された制御

**トラッキング速度:**

最大 300 IPS (約 7.62 m/s)

**ポーリングレート:**

125~1000Hz

**DPIレンジ:**

200~24,000

**加速度:**

35G



**Figure 1.2:** The Falcon M1 mouse from a side view, highlighting its performance specifications including a maximum tracking speed of 300 IPS, a DPI range of 200-24000, a polling rate of 125-1000Hz, and 35G acceleration.

## 2. PACKAGE CONTENTS

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Please verify that all items listed below are included in your package:

- DIERYA Falcon M1 Wireless Gaming Mouse
- USB-C Cable
- Instruction Manual

## 3. SETUP

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### 3.1. Charging the Mouse

Before initial use, fully charge the mouse. Connect the provided USB-C cable to the mouse's charging port and the other end to a USB power source (e.g., computer USB port, USB wall adapter). A full charge typically takes approximately 1 hour.

### 3.2. Connecting the Mouse

The Falcon M1 supports three connection modes: 2.4GHz Wireless, Bluetooth 5.2, and USB-C Wired.



**Figure 3.1:** The Falcon M1 mouse demonstrating multi-device simultaneous connection capabilities, including PC/Computer, Tablet, Phone, Laptop, and Console via 2.4GHz wireless, Bluetooth 5.2, and USB wired connections.

### 3.2.1. 2.4GHz Wireless Connection

1. Locate the USB 2.4GHz receiver (dongle) inside the mouse's bottom compartment.
2. Plug the USB receiver into an available USB port on your computer.
3. Turn on the mouse using the power switch on the bottom. The mouse will automatically connect to the receiver.
4. The LED indicator on the mouse will show the connection status.

### 3.2.2. Bluetooth 5.2 Connection

1. Turn on the mouse and switch to Bluetooth mode using the mode switch on the bottom.
2. On your device (PC, laptop, tablet, phone), enable Bluetooth and search for new devices.
3. Select "DIERYA Falcon M1" from the list of available devices to pair.
4. The mouse supports simultaneous connection to two Bluetooth devices. Use the bottom button to switch between saved profiles.

### 3.2.3. USB-C Wired Connection

1. Connect the provided USB-C cable to the mouse and the other end to your computer's USB port.

2. The mouse will automatically switch to wired mode and begin charging.

## 4. OPERATING INSTRUCTIONS

### 4.1. DPI Adjustment

The Falcon M1 offers a wide DPI range from 200 to 24,000, adjustable in 1-unit increments. It comes with 6 preset DPI levels (400/800/1600/3200/4800/6400). You can cycle through these presets using the dedicated DPI button on the mouse. The current DPI setting is indicated by the color of the wheel LED and RGB strip (White/Yellow/Light Blue/Blue/Green/Red).

### 4.2. Button Customization

The mouse features 6 programmable buttons. To customize button functions, assign macros, or fine-tune settings, download and install the dedicated driver software from the official DIERYA website. The software is compatible with Windows systems.



**Figure 4.1:** Screenshot of the DIERYA Falcon M1 customization software, showing options for key functions, DPI adjustment, USB report rate, and various lighting effects. Note: This software is primarily for Windows systems.

### 4.3. RGB Lighting Control

The Falcon M1 features customizable RGB lighting with 13 preset effects (e.g., breathing, flicker, flow,

starlight) and 16.8 million color options. Lighting effects can be adjusted through the dedicated driver software.



Figure 4.2: The Falcon M1 mouse showcasing its customizable RGB full-color lighting, with options for 13 preset light effects and 16.7 million colors, allowing for personalized lighting modes.

#### 4.4. Power Management

The mouse is equipped with a 1000mAh battery, offering up to 180 hours of use in ECO mode (RGB lighting off) and 48 hours with full RGB lighting. It features automatic sleep functions to conserve power:

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

The sleep activation times can be configured via the dedicated software.

## スマート節電管理

最大 180 時間

ECO省電力モード  
(RGB照明 OFF時)

最大 45 時間

RGB照明 ON時

1000 mAh



ライトスリープ:  
1分間の操作なしで自動で有効化



ディープスリープ:  
5分間の操作なしで自動で有効化



スリープまでの時間:  
設定可能

**Figure 4.3:** Illustration of the Falcon M1's smart power management, showing a 1000mAh battery providing up to 180 hours in ECO mode (RGB off) and 45 hours with RGB on. It also details light sleep (1 min inactivity) and deep sleep (5 min inactivity) features.

## 5. MAINTENANCE

### 5.1. Cleaning

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

- 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 compressed air to clear dust from the honeycomb structure and sensor area.

### 5.2. Storage

When not in use for extended periods, store the mouse in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the mouse is turned off to conserve battery life.

## 6. TROUBLESHOOTING

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

- **Mouse not responding:** Ensure the mouse is charged and turned on. Check the connection mode (2.4GHz, Bluetooth, or wired) and ensure it matches your device's connection. For 2.4GHz, ensure the USB receiver is properly plugged in. For Bluetooth, re-pair the device.
- **DPI not changing:** Press the DPI button to cycle through presets. If using custom DPI settings, ensure the driver software is installed and configured correctly.
- **RGB lighting not working:** Check if RGB lighting is enabled in the driver software. Ensure the mouse has sufficient battery charge, as RGB consumes power.
- **Lag or disconnections:** For wireless connections, ensure there are no strong interferences (e.g., other wireless devices, large metal objects) between the mouse and the receiver/device. Try moving closer to the receiver or switching to a wired connection.

For further assistance, please visit the official DIERYA support website.

## 7. SPECIFICATIONS

Detailed technical specifications for the DIERYA Falcon M1 Wireless Gaming Mouse:



Figure 7.1: The Falcon M1 mouse with its dimensions (125mm length, 63mm width, 41mm height) and illustrations of

compatible grip styles: Palm Grip, Finger Tip Grip, and Claw Grip. Optimized for medium to large hands (approx. 17cm or larger).



Figure 7.2: Close-up view of the Falcon M1 mouse, highlighting its breathable honeycomb structure for comfort, sure-grip matte texture, and ultra-smooth PTFE feet for effortless gliding.

Feature	Specification
Brand	DIERYA
Model	M1
Color	Black
Connectivity	2.4GHz Wireless, Bluetooth 5.2, USB-C Wired
Movement Detection	Optical
DPI Range	200 - 24,000 DPI (adjustable in 1-unit increments)
DPI Presets	400, 800, 1600, 3200, 4800, 6400
Polling Rate	125-1000Hz

Buttons	6 (Programmable)
Switches	Huano (20 million click durability)
Weight	Approx. 90g
Dimensions	125 x 63 x 41 mm
Battery Capacity	1000mAh
Battery Life	Up to 180 hours (ECO mode), 48 hours (Full RGB)
Charging Time	Approx. 1 hour (USB-C)
Compatible OS	Windows 10, Windows 11, macOS, Linux
Hand Orientation	Right-handed
Exterior Material	Plastic

## 8. WARRANTY AND SUPPORT

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### 8.1. Warranty Information

The DIERYA Falcon M1 Wireless Gaming Mouse comes with a **1-year warranty** against manufacturing defects from the date of purchase. Please retain your proof of purchase for warranty claims. This warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

### 8.2. Customer Support

For technical support, warranty claims, or additional product information, please visit the official DIERYA website or contact their customer service. Refer to the packaging or official website for the most up-to-date contact details.