

VGN F1 Pro-Black

VGN F1 PRO Wireless Gaming Mouse User Manual

Model: F1 Pro-Black

1. INTRODUCTION

The VGN F1 PRO Wireless Gaming Mouse is engineered for precision and speed, featuring an ultralight 49g design, a high-performance 26,000 DPI sensor, and versatile wireless and wired connectivity. This manual will guide you through its features and functionalities to ensure optimal performance.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your product packaging:

- VGN F1 Pro Gaming Mouse
- USB Type A Receiver
- Paracord style USB-C to USB-A Cable
- USB Extension Adapter
- Mouse Grip Tape



Figure 2.1: The VGN F1 PRO Wireless Gaming Mouse shown with its USB Type A receiver and USB-C cable.

3. PRODUCT OVERVIEW

3.1. Key Components



Figure 3.1: Detailed diagram illustrating the mouse's components including the LED Indicator, Scroll Wheel, Left Button, Right Button, Forward Button, Backward Button, DPI Button, Optical Sensor, Power Switch, Receiver Storage Slot, and Feet.

3.2. Ultralight Design

Weighing only 49g, the VGN F1 PRO features a solid shell design, providing a lightweight yet sturdy build for rapid movements and reduced fatigue during extended use.

49g Ultralight Design

Minimal Weight. Maximum Potential



Figure 3.2: The mouse is depicted on a hand, emphasizing its minimal weight and ergonomic form factor.

3.3. High-Performance Sensor

Equipped with the PixArt PAW 3395 sensor, the mouse offers adjustable DPI up to 26,000, 650 IPS tracking, and 50G acceleration for precise and responsive control.

PixArt PAW3395 Sensor

Up to 26000 DPI



650 IPS

Tracking speed

50G

Acceleration

Figure 3.3: Visual representation of the mouse's optical sensor and its high tracking capabilities.

3.4. Advanced Chipset

The Nordic nRF52833 MCU ensures ultra-low latency and a 1000Hz polling rate, providing fast and accurate game control.

MCU Nordic nRF52833

Fast, accurate, and ruthless game control

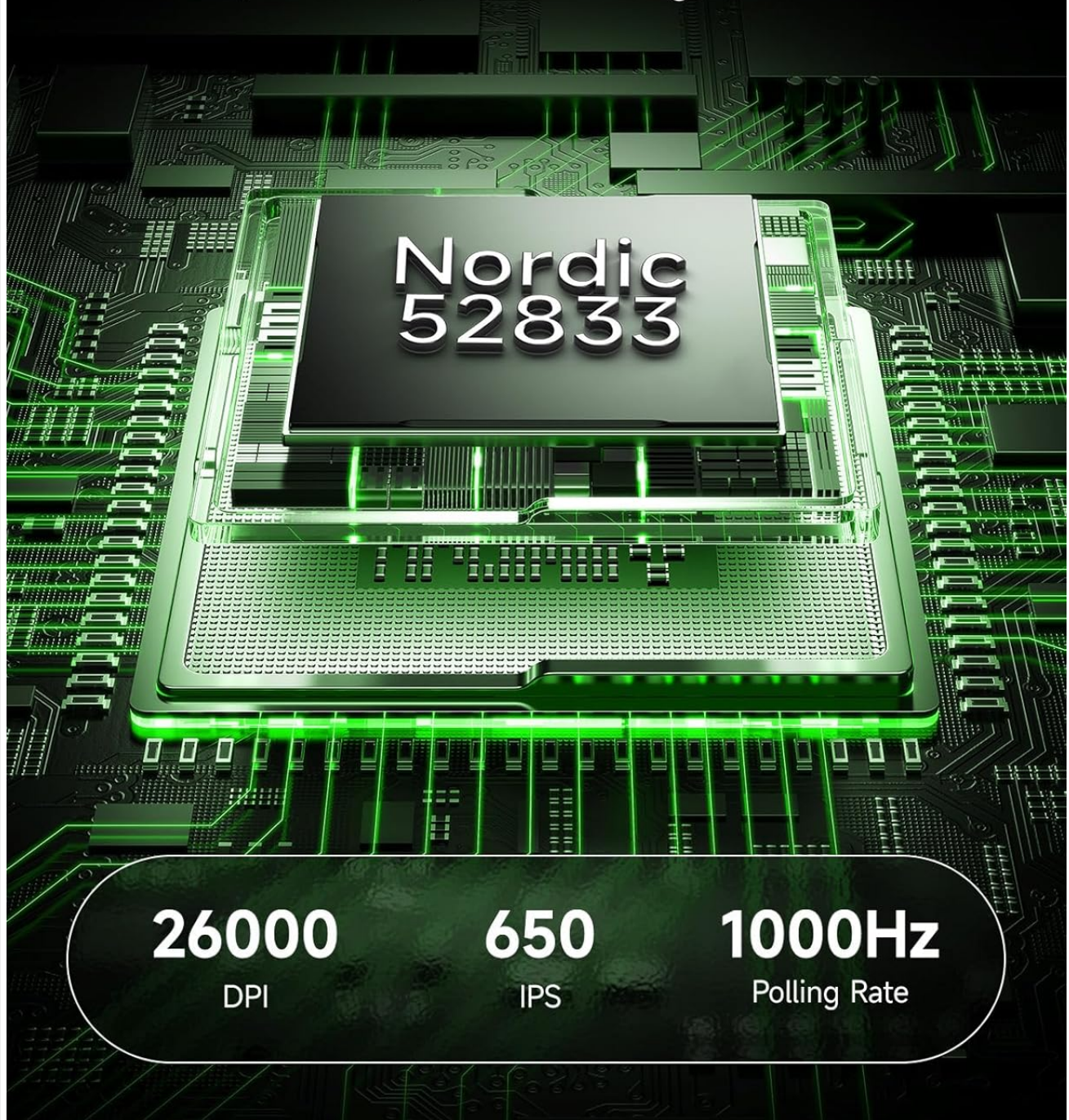


Figure 3.4: Diagram showing the Nordic nRF52833 chip, highlighting its role in performance and polling rate.

3.5. Long Battery Life

Enjoy up to 65 hours of uninterrupted wireless use, ensuring prolonged gaming sessions without frequent recharging.

High capacity battery

High-energy output, never disconnect
at critical moments

65H



Figure 3.5: The mouse is shown on a mousepad with an overlay indicating its 65-hour battery capacity.

3.6. Customizable Controls

The 6 programmable buttons can be fully customized using the VGN HUB software, allowing for personalized keybinds and macros.

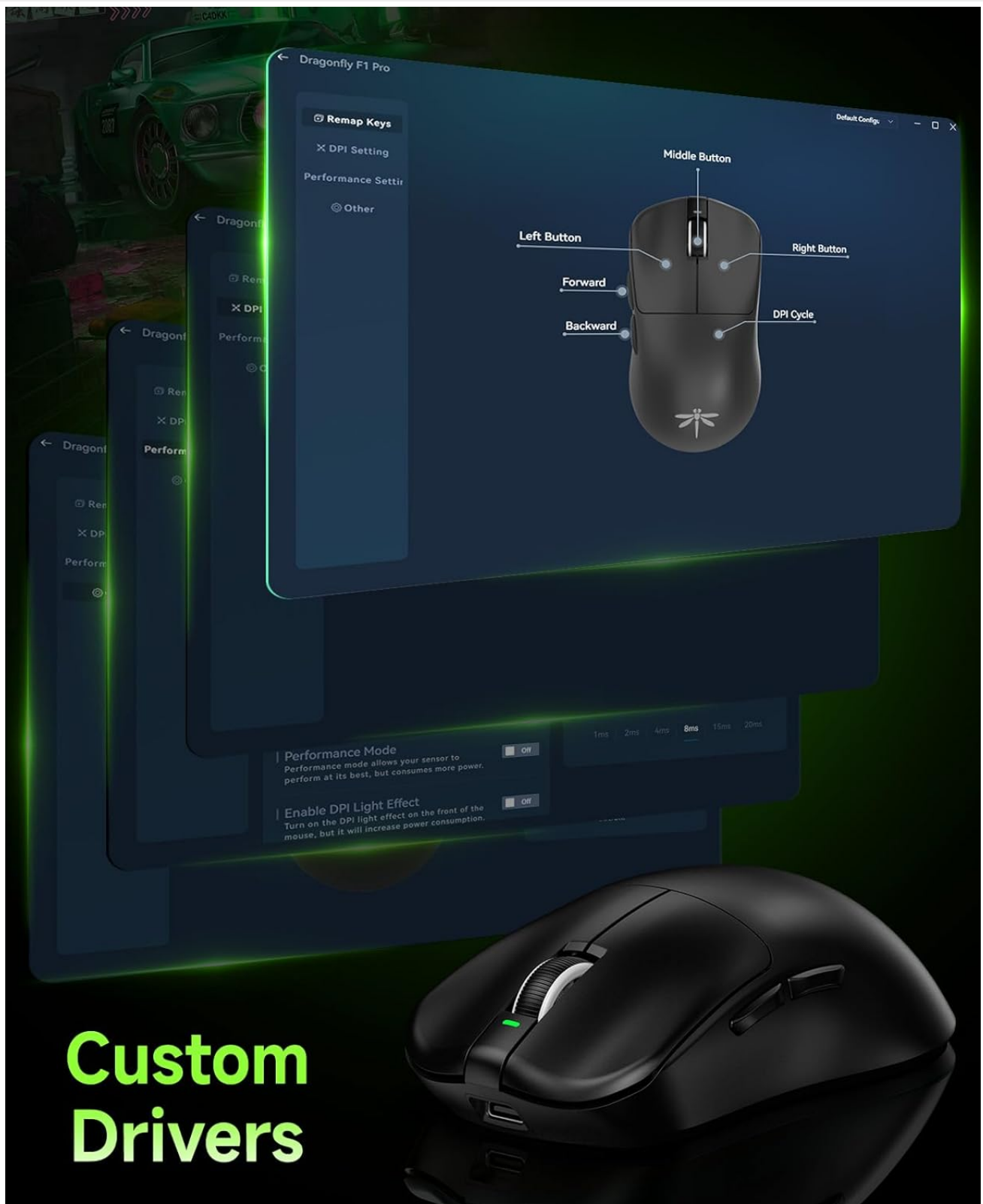


Figure 3.6: A visual representation of the VGN HUB software, demonstrating the customization options for mouse buttons and settings.

3.7. Wired/Wireless Flexibility

The mouse supports both 2.4GHz wireless mode for ultra-low latency and wired Type-C connection for continuous play and charging.

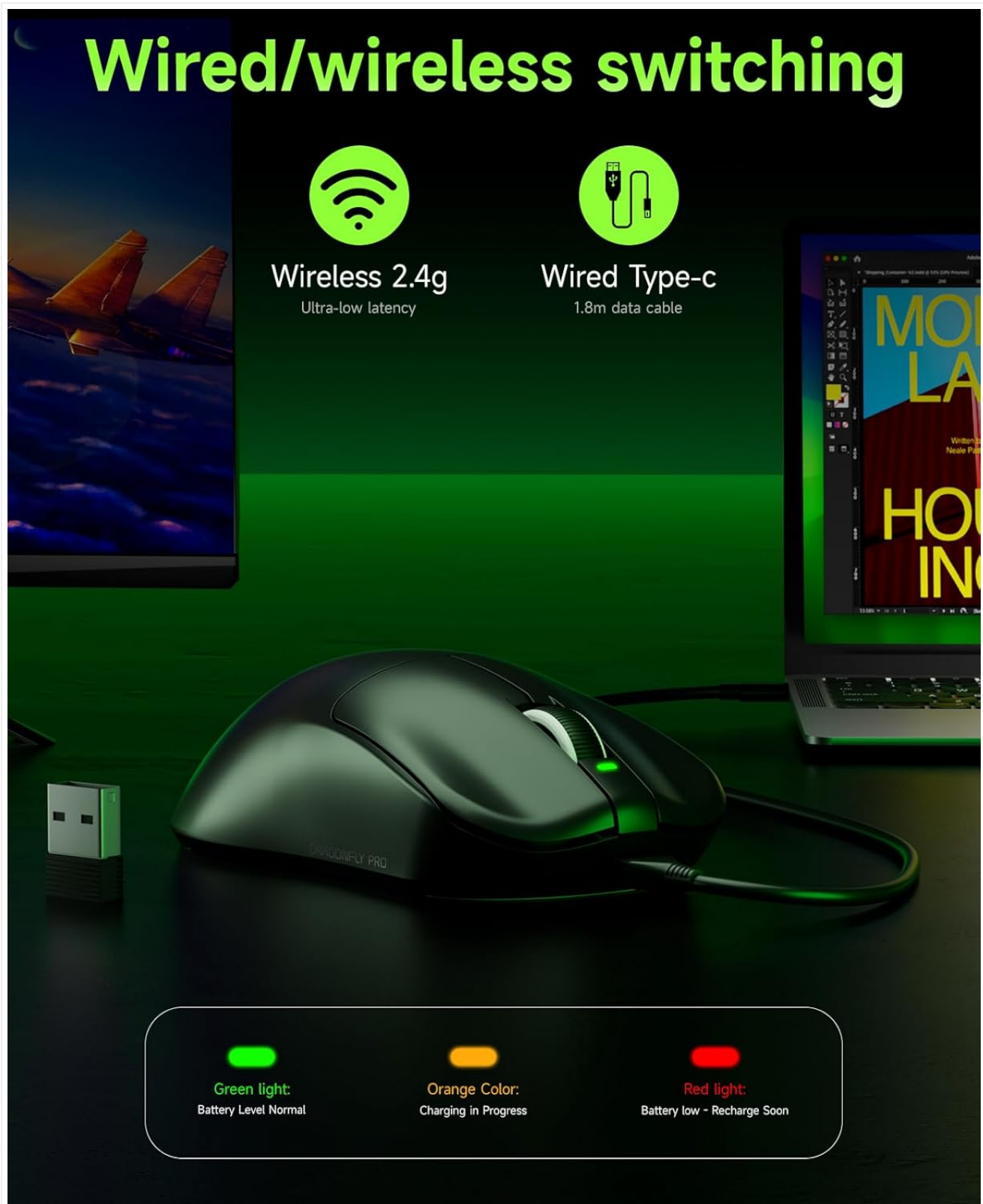


Figure 3.7: The mouse is shown connected via both wireless and wired modes, with indicators for battery level.

3.8. Durable Switches

Equipped with Kailh Black Mamba switches, rated for 100 million clicks, ensuring long-lasting performance and tactile feedback.

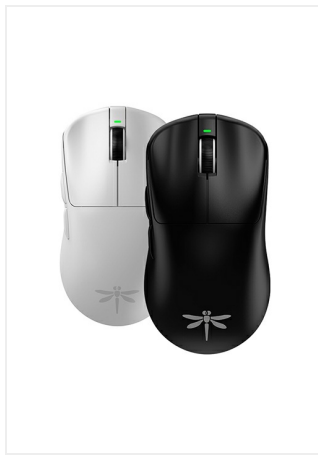


Figure 3.8: Close-up view of a Kailh Golden Black Mamba switch, highlighting its robust construction.

4. SETUP INSTRUCTIONS

4.1. Charging the Mouse

Before first use, it is recommended to fully charge your VGN F1 PRO mouse.

1. Locate the USB-C port on the front of the mouse.
2. Connect the provided USB-C to USB-A cable to the mouse.
3. Plug the USB-A end of the cable into a powered USB port on your computer or a USB wall adapter.
4. The LED indicator on the mouse will show charging status (Orange: Charging in Progress). It will turn Green when fully charged.

4.2. Connecting Wirelessly (2.4GHz)

For wireless operation, use the provided USB Type A receiver.

1. Locate the USB Type A receiver. It may be stored in the compartment on the underside of the mouse.
2. Plug the USB Type A receiver into an available USB port on your computer.
3. Turn on the mouse using the Power Switch located on the underside of the mouse.
4. The mouse should automatically connect to the receiver. The LED indicator will show Green for normal battery level.

4.3. Connecting via Wired Mode

The mouse can also be used in wired mode, which also charges the device.

1. Connect the provided USB-C to USB-A cable to the mouse's USB-C port.
2. Plug the USB-A end of the cable into a USB port on your computer.
3. The mouse will function immediately in wired mode and begin charging.

5. OPERATING INSTRUCTIONS

5.1. DPI Adjustment

The DPI (Dots Per Inch) can be adjusted to control cursor sensitivity. The mouse features a dedicated DPI button on its underside.

- Press the **DPI Button** on the underside of the mouse to cycle through preset DPI levels.
- For fine-tuning DPI from 50 to 26,000, use the VGN HUB software.

5.2. Button Customization

The 6 buttons on the VGN F1 PRO mouse are fully programmable via the VGN HUB software.

1. Download and install the VGN HUB software from the official VGN website.
2. Launch the VGN HUB software.
3. Navigate to the "Remap Keys" or "Button Assignment" section.
4. Select the button you wish to customize and assign a new function, macro, or keybind.
5. Save your changes to apply the new settings.

5.3. Power Management

The mouse features an On/Off switch to conserve battery life when not in use.

- To turn off the mouse, slide the **Power Switch** to the "OFF" position.
- To turn on the mouse, slide the **Power Switch** to the "ON" position.
- The LED indicator will display battery status: Green (Normal), Orange (Charging in Progress), Red (Battery Low - Recharge Soon).

6. MAINTENANCE

6.1. Cleaning

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

- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution.
- Avoid using harsh chemicals, abrasives, or solvents.
- Clean the optical sensor area gently to prevent dust buildup.

6.2. Storage

When not in use, store the mouse in a cool, dry place away from direct sunlight and extreme temperatures.

- If storing for an extended period, ensure the mouse is fully charged and turned off.
- The USB receiver can be stored in the dedicated compartment on the underside of the mouse for safekeeping.

7. TROUBLESHOOTING

7.1. Mouse Not Responding

- **Check Power:** Ensure the mouse is turned on and has sufficient battery charge. Recharge if necessary.
- **Check Connection:** For wireless mode, ensure the USB receiver is securely plugged into a working USB port. For wired mode, ensure the USB-C cable is properly connected to both the mouse and the computer.
- **Re-pair Receiver:** If using wireless, try unplugging and re-plugging the USB receiver.
- **Try Different USB Port:** Connect the receiver or cable to a different USB port on your computer.
- **Restart Computer:** A system restart can often resolve connectivity issues.

7.2. DPI Issues

- **DPI Button:** Ensure you are pressing the correct DPI button on the underside of the mouse to cycle through settings.
- **Software Settings:** Verify DPI settings within the VGN HUB software. Ensure no conflicting profiles are active.

7.3. Battery Life Concerns

- **Full Charge:** Ensure the mouse is fully charged before use. The LED indicator should turn green.
- **Power Off:** Turn off the mouse when not in use to conserve battery.
- **Usage Patterns:** High polling rates and frequent button presses can consume more battery.

8. SPECIFICATIONS

Feature	Detail
Brand	VGN
Model Number	F1 Pro-Black
Connectivity Technology	2.4GHz Wireless, USB Wired
Movement Detection Technology	Optical (PixArt PAW 3395 Sensor)
Max DPI	26,000 DPI (Adjustable)
Polling Rate	1000Hz
Tracking Speed	650 IPS
Acceleration	50G
Battery Life	Up to 65 hours
Switches	Kailh Black Mamba (100 million clicks)
Item Weight	1.73 ounces (approx. 49g)
Compatibility	Windows, macOS, Linux, ChromeOS

9. WARRANTY AND SUPPORT

VGN products are designed and manufactured to the highest standards. For detailed warranty information and technical support, please refer to the official VGN website or contact their customer service. Keep your proof of purchase for warranty claims.

Related Documents - F1 Pro-Black

User Manual

DragonFly F1

Item	VGN DragonFly F1 Mouse
Brand	VGN
Model	F1 Pro-Black
Product Type	Computer Mouse
Connectivity	2.4GHz Wireless, USB Wired
Buttons	8
Weight	1.73 ounces (approx. 49g)
Dimensions	5.0 x 3.0 x 1.6 inches

Sales Specifications






Model Name	Color	Weight	Buttons	Buttons	Buttons
DragonFly F1 Pro	Black	1.73 oz	8	8	8
DragonFly F1 Pro	White	1.73 oz	8	8	8
DragonFly F1 Pro	Blue	1.73 oz	8	8	8

Parameter Comparison

Parameter	DragonFly F1 Pro	DragonFly F1 Pro
Buttons	8	8
Buttons	8	8
Buttons	8	8

[DragonFly F1 Pro Max User Manual - VGN](#)

Comprehensive user manual for the VGN DragonFly F1 Pro Max wireless gaming mouse, detailing product information, sales specifications, parameter comparisons, detailed specifications, connectivity, compatibility, sensor details, main control chip, battery, fretting, roller encoder, foot stickers, software support, packaging, and FCC warnings.

	<p>VGN N75 Pro Mechanical Keyboard User Manual</p> <p>User manual for the VGN N75 Pro Mechanical Keyboard, covering button descriptions, connection modes (2.4G, Bluetooth, Wired), power management, sleep functions, FN key combinations, lighting effects, common troubleshooting, and FCC compliance.</p>
	<p>VGN V98 Pro V2 Mechanical Keyboard User Manual</p> <p>User manual for the VGN V98 Pro V2 Mechanical Keyboard, detailing FCC compliance, features, and specifications.</p>
	<p>VGN V87 PRO Mechanical Keyboard User Manual</p> <p>Comprehensive user manual for the VGN V87 PRO mechanical keyboard, detailing connectivity options (2.4GHz wireless, Bluetooth, wired), RGB lighting customization via V HUB software, FN key combinations, power management, and troubleshooting FAQs. Learn how to set up, customize, and maintain your keyboard for an optimal experience.</p>
	<p>VGN S99 Mechanical Keyboard User Manual</p> <p>User manual for the VGN S99 Mechanical Keyboard, covering button descriptions, quick start guide for 2.4G wireless, Bluetooth, and wired connections, power management, sleep function, FN combination keys, lighting effects, and common troubleshooting tips.</p>
	<p>VGN NEONULTRA Magnetic Keyboard User Manual and FCC Compliance</p> <p>Official user manual and FCC compliance information for the VGN NEONULTRA magnetic keyboard, detailing setup, features, and regulatory compliance.</p>