Razer DeathAdder V4 Pro

Razer DeathAdder V4 Pro Wireless Gaming Mouse

INSTRUCTION MANUAL

Model: DeathAdder V4 Pro | Brand: Razer

1. Introduction

The Razer DeathAdder V4 Pro is a high-performance wireless gaming mouse designed for competitive play and extended use. It features a lightweight design, advanced wireless technology, and a highly accurate optical sensor. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.

Key features include:

- **56g Ultra Lightweight Design:** Re-engineered for faster, tighter movement while maintaining an ergonomic shape.
- **HyperSpeed Wireless Gen-2:** Ultra-stable wireless system with up to 8000 Hz polling rate and 37% lower latency than previous generations.
- **Optical Scroll Wheel:** Provides precise and durable pro-grade tracking with crucial tactile feedback.
- **Focus Pro 45K Optical Sensor Gen-2:** Improved 45K DPI, 900 IPS, and 85 G acceleration for flawless tracking on various surfaces with 99.8% resolution accuracy.
- **Up to 150 Hours of Battery Life:** Extended battery life for high-performance gameplay.
- **Optical Mouse Switches Gen-4:** Boasting a click lifecycle of over 100 million and enhanced click feel for crisp, responsive actions.

2. What's in the Box

Ensure all components are present before proceeding with setup:

- Razer DeathAdder V4 Pro Mouse
- Razer HyperSpeed Wireless Gen-2 Dongle

- USB Type A to USB Type C Cable
- Razer Mouse Grip Tape
- User Guide

3. Setup

Follow these steps to set up your Razer DeathAdder V4 Pro mouse:

1. **Charge the Mouse:** Connect the USB Type A to USB Type C cable to your computer and the mouse. Allow the mouse to fully charge before first use. The LED indicator on the mouse will show charging status.
2. **Connect the Dongle:** Plug the Razer HyperSpeed Wireless Gen-2 Dongle into an available USB-A port on your computer.
3. **Power On:** Turn on the mouse using the power/DPI button located on the underside of the mouse.
4. **Install Razer Synapse:** For full customization and optimal performance, download and install the Razer Synapse software from the official Razer website.

4. Design & Ergonomics

The DeathAdder V4 Pro maintains the iconic ergonomic shape that has made the DeathAdder series a favorite among gamers. Its design prioritizes comfort and control for various grip styles.

Figure 1: Razer DeathAdder V4 Pro Wireless Gaming Mouse.

Weighing only 56g (black model) or 57g (white model), it is exceptionally lightweight for a wireless ergonomic mouse of its size. This lightweight construction allows for faster and more precise movements without compromising structural integrity. The all-matte finish resists sweat and fingerprints, providing a secure grip during intense gaming sessions.

Figure 2: The lightweight design of the Razer DeathAdder V4 Pro.

The button layout is classic DeathAdder, featuring two primary clicks, an optical scroll wheel, and two side buttons. A DPI cycle button is combined with the power button on the bottom. The primary buttons utilize Razer's Gen-4 Optical Mouse Switches, rated for 100 million clicks, offering sensitive and responsive feedback with minimal pre- or post-travel. The side buttons are strategically placed for easy and reliable access.

Figure 3: Side view of the Razer DeathAdder V4 Pro, highlighting the ergonomic shape and side buttons.

5. Performance

The DeathAdder V4 Pro is equipped with cutting-edge technology to deliver peak eSports performance:

- **Focus Pro 45K Optical Sensor Gen-2:** This advanced sensor offers a maximum DPI of 45,000, a tracking speed of 900 IPS, and up to 85G acceleration. It is adjustable in 1 DPI increments for precise tuning and delivers flawless tracking across various surfaces.
- **HyperSpeed Wireless Gen-2:** Razer's industry-leading wireless technology provides an ultra-stable, lag-free connection with an 8000 Hz polling rate, ensuring near-instant responsiveness.
- **Optical Scroll Wheel:** Unlike traditional mechanical scroll wheels, the optical scroll wheel offers enhanced precision and durability, providing tactile steps for accurate control.

Figure 4: Illustration of Razer HyperSpeed Wireless Gen-2 technology.
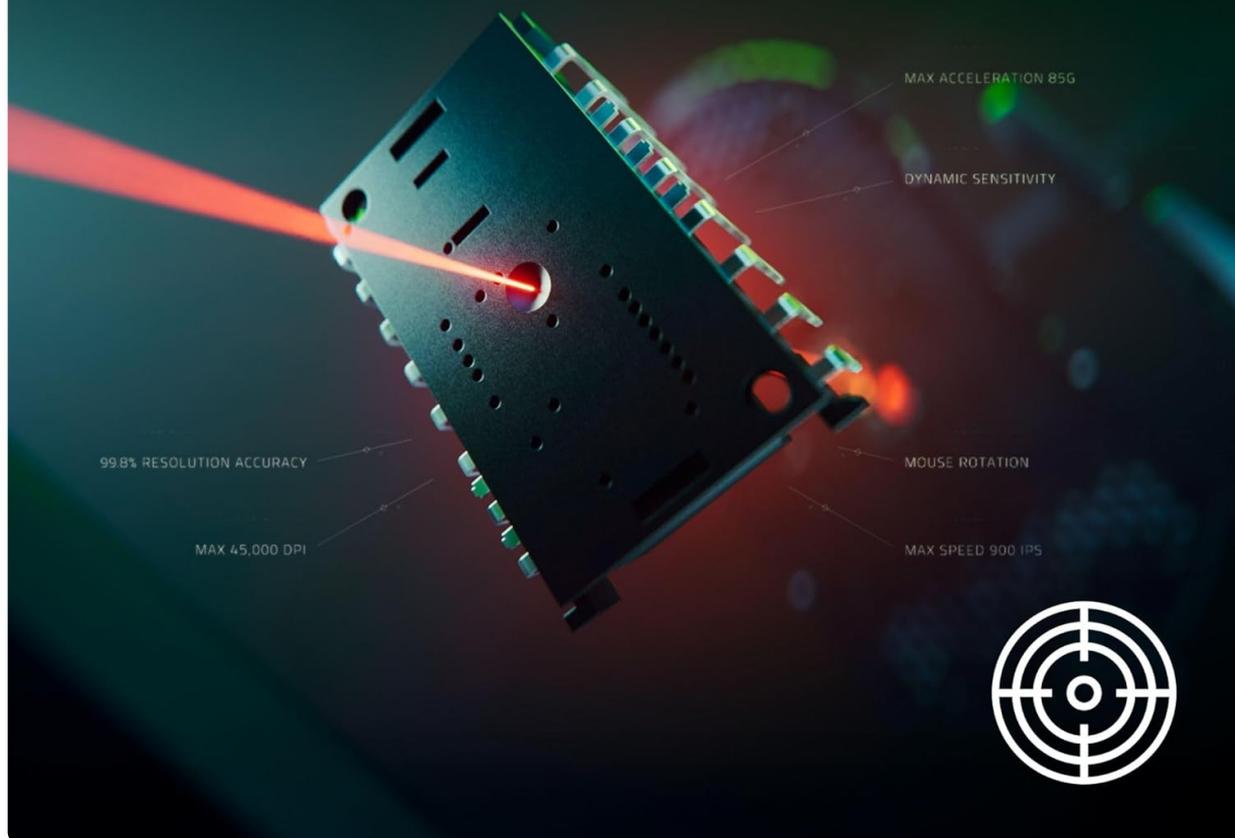
Figure 5: Diagram illustrating the Razer Focus Pro 45K Optical Sensor Gen-2.

6. Battery Life

The Razer DeathAdder V4 Pro offers impressive battery longevity due to its vastly improved wireless efficiency:

- Up to 150 hours of gameplay at 1000 Hz polling rate.
- Up to 22 hours of gameplay at 8000 Hz polling rate.

To maximize battery life, consider adjusting the polling rate in the Razer Synapse software when not engaged in competitive gaming.

Figure 6: The Razer DeathAdder V4 Pro charging via its USB-C cable.

7. Software & Customization

The Razer DeathAdder V4 Pro is fully customizable through the Razer Synapse software. This software allows you to:

- Remap buttons to suit your playstyle.
- Adjust DPI stages and polling rates.
- Calibrate the mouse for different surfaces with custom lift-off and landing distances.
- Fine-tune sensitivity curves with Dynamic Sensitivity options.

The mouse also features one onboard memory profile, allowing you to save your preferred settings directly to the device for use on different computers without needing the software installed.

8. Specifications

Feature	Detail

Feature	Detail
Product Dimensions	5.04 x 2.67 x 0.1 inches
Item Weight	14.1 ounces
ASIN	B0FS9PNG69
Batteries	1 Nonstandard Battery batteries required. (included)
Brand	Razer
Connectivity Technology	Razer HyperSpeed Wireless Gen-2, Wired
Special Feature	45K Optical Sensor, Dynamic Sensitivity, Ergonomic Design, Optical Scroll Wheel, True 8000 Hz Wired & Wireless Polling, Up To 150 Hr Battery
Movement Detection Technology	Optical

9. Maintenance

To ensure the longevity and optimal performance of your Razer DeathAdder V4 Pro, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the mouse regularly. For stubborn dirt, a slightly damp cloth can be used, but avoid excessive moisture. Do not use harsh chemicals or abrasive materials.
- **Sensor Care:** Keep the optical sensor on the underside of the mouse clean and free of dust or debris. Use a cotton swab lightly dampened with isopropyl alcohol if necessary.
- **Cable Management:** If using the mouse in wired mode or for charging, ensure the cable is not kinked or under excessive strain to prevent damage.
- **Storage:** When not in use, store the mouse in a clean, dry environment away from extreme temperatures.

10. Troubleshooting

If you encounter issues with your Razer DeathAdder V4 Pro, try the following steps:

- **Mouse Not Responding:**
  - Ensure the mouse is powered on.
  - Check if the dongle is securely plugged into a working USB port.
  - Try connecting the mouse directly via the USB-C cable to see if it functions in wired mode.
  - Recharge the mouse to ensure it has sufficient battery.
- **Tracking Issues:**
  - Clean the optical sensor on the underside of the mouse.

- Ensure your mouse pad surface is clean and free of obstructions.
- Calibrate the mouse surface using Razer Synapse.

- **Razer Synapse Not Detecting Mouse:**

  - Ensure Razer Synapse is updated to the latest version.
  - Restart your computer.
  - Try plugging the dongle into a different USB port.

11. Warranty & Support

Your Razer DeathAdder V4 Pro is covered by a limited manufacturer's warranty. For detailed warranty information, please refer to the warranty card included in your product packaging or visit the official Razer support website.

For technical support, driver downloads, and frequently asked questions, please visit support.razer.com. You may also contact Razer customer support via phone, live chat, or email as provided on their support portal.