

Razer RZ01-03050200-R3U1

Razer Viper Ultimate Lightweight Wireless Gaming Mouse Instruction Manual

Model: RZ01-03050200-R3U1

INTRODUCTION

The Razer Viper Ultimate is a high-performance lightweight wireless gaming mouse designed for professional-grade performance. It features an ultra-fast wireless technology, a 20,000 DPI optical sensor for precise tracking, optical mouse switches for rapid actuation, and an ambidextrous design with programmable buttons. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.

SETUP

To begin using your Razer Viper Ultimate mouse, follow these steps for initial connection and charging.

1. Initial Connection

Your Razer Viper Ultimate mouse can be connected wirelessly via its USB dongle or wired using the included Speedflex cable.

- **Wireless Mode:** Insert the USB wireless dongle into an available USB port on your computer. The mouse will automatically connect.
- **Wired Mode:** Connect the Razer Speedflex cable to the micro-USB port on the front of the mouse and to a USB port on your computer. The mouse will function as a wired device and charge simultaneously.








Image: Razer Viper Ultimate Lightweight Wireless Gaming Mouse in Classic Black. This image displays the sleek, ambidextrous design of the mouse.

2. Charging the Mouse

The mouse can be charged via the Speedflex cable or an optional charging dock (if purchased separately).

- **Via USB Cable:** Connect the Speedflex cable to the mouse and your computer. The mouse will charge while in use or standby.
- **Via Charging Dock:** Place the mouse onto the Razer charging dock, ensuring the charging contacts align. The dock will indicate charging status.

Video: An unboxing and setup guide for the Razer Viper Ultimate. This video demonstrates how to connect the wireless dongle and charge the mouse.

Video: A review highlighting the features and setup of the Razer Viper Ultimate. This video shows the mouse components and initial connection process.

3. Razer Synapse 3 Software

For full customization of your mouse's settings, including DPI, button assignments, and Chroma lighting, download and install Razer Synapse 3 from the official Razer website. This software is compatible with Windows operating systems.

OPERATING THE MOUSE

The Razer Viper Ultimate is engineered for high-performance gaming with several key features.

1. Key Features

- **Lightweight Design:** Weighing only 74g, the mouse offers effortless control and swift movements.
- **Razer HyperSpeed Wireless:** Experience ultra-low latency and interference reduction for true wireless freedom.
- **20K DPI Optical Sensor:** The Focus+ optical sensor provides industry-leading 99.6% resolution accuracy for precise tracking.
- **Optical Mouse Switches:** Actuate button presses at the speed of light for rapid response and enhanced durability.
- **8 Programmable Buttons:** Customize buttons for complex macro functions via Razer Synapse 3.
- **Ambidextrous Design:** Suitable for both left and right-handed users with accessible buttons on both sides.

ULTRA-RELIABLE 2ND-GEN OPTICAL SWITCHES

Zero-debounce delay
Zero-risk of unintended misclicks
Highest durability rated for 70 million clicks



Image: Ultra-Reliable 2nd-Gen Optical Switches. This image illustrates the internal optical switch mechanism, emphasizing zero-debounce delay and high durability.

FASTEST WIRELESS TECHNOLOGY

3x faster than other leading wireless gaming mice

Stutter-free connection

Up to 70 hours uninterrupted gameplay



Image: Fastest Wireless Technology. This image highlights the mouse's wireless capabilities, noting it's 3x faster than competitors with up to 70 hours of gameplay.

ULTRA-RESPONSIVE INTELLIGENT SENSOR

Industry leading 99.6% resolution accuracy
Automatic calibration across different surfaces
Customizable lift-off and landing distance



Image: Ultra-Responsive Intelligent Sensor. This image shows the optical sensor's precision, with 99.6% resolution accuracy and customizable lift-off distance.

74G LIGHTWEIGHT DESIGN

No holes. No compromise.
Durable ambidextrous design
Designed with esports players



Image: 74g Lightweight Design. An exploded view of the mouse components demonstrates its lightweight and durable ambidextrous design without drilled holes.

2. DPI Adjustment

The DPI (Dots Per Inch) sensitivity can be adjusted using the dedicated button located on the underside of the mouse. You can cycle through pre-set DPI stages or customize them further using Razer Synapse 3.

Video: A detailed review of the Razer Viper Ultimate, showcasing its features and performance during gameplay. This video provides insights into the mouse's responsiveness and design.

MAINTENANCE

To ensure the longevity and optimal performance of your Razer Viper Ultimate mouse, follow these maintenance guidelines:

- **Cleaning:** Use a soft, lint-free cloth slightly dampened with water to clean the mouse surface. 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. Use a cotton swab with a small amount of rubbing alcohol if necessary.
- **Battery Longevity:** Avoid fully discharging the battery frequently. For best results, charge the mouse

regularly, especially after long gaming sessions.

TROUBLESHOOTING

If you encounter any issues with your Razer Viper Ultimate mouse, try the following steps:

- **No Connection:** Ensure the USB wireless dongle is securely plugged into your computer. If using wired mode, check the micro-USB cable connection. Try a different USB port.
- **Lag or Disconnects:** Ensure the mouse is fully charged. Move the USB wireless dongle closer to the mouse or away from other wireless devices to reduce interference.
- **DPI Issues:** Verify that Razer Synapse 3 is installed and updated. Check your custom DPI settings within the software.
- **Software Not Recognizing Mouse:** Reinstall Razer Synapse 3. Ensure your operating system is up to date.

SPECIFICATIONS

Feature	Detail
Brand	Razer
Model Name	Viper Ultimate
Model Number	RZ01-03050200-R3U1
Color	Classic Black
Connectivity Technology	2.4 GHz Wireless, USB
Movement Detection Technology	Optical
Mouse Maximum Sensitivity	20000 Dots per Inch (DPI)
Button Quantity	8
Hand Orientation	Ambidextrous
Battery Average Life	70 Hours
Item Weight	0.17 Pounds
Item Dimensions L x W	4.98"L x 2.61"W
Hardware Platform	PC

WARRANTY INFORMATION

The Razer Viper Ultimate Lightweight Wireless Gaming Mouse comes with a **2-year manufacturer's warranty**. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the official Razer warranty policy.

SUPPORT

For further assistance, technical support, or to download the latest drivers and software (Razer Synapse 3), please visit the official Razer support website. You can also find FAQs and community forums for additional help.

Official Razer Support: www.razer.com/support