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Redragon S164

Redragon S164 Wireless Mechanical Keyboard and Mouse Combo User Manual

Model: S164

Introduction

Thank you for choosing the Redragon S164 Wireless Mechanical Keyboard and Mouse Combo. This manual provides detailed instructions for setting up, operating, and maintaining your new gaming peripherals. Please read this manual thoroughly before use to ensure optimal performance and longevity of your product.



Image: The Redragon S164 Wireless Mechanical Keyboard and Mouse Combo, showcasing its RGB backlighting and compact design.

Package Contents

Ensure all items are present in your package:

- Keyboard x1
- Mouse x1
- Nano receiver x1 (for 2.4G wireless connection)
- Type C cable x1 (for wired connection and charging)
- User manual x1
- Custom Greywood Switch x4
- 2-in-1 Keycap & Switch Puller x1



Image: A visual representation of the Redragon S164 combo package contents, including the keyboard, mouse, cables, and accessories.

Setup Instructions

1. Charging the Devices

Before initial use, it is recommended to fully charge both the keyboard and mouse.

- Connect the provided Type-C cable to the keyboard/mouse and a USB power source (e.g., computer port, USB wall adapter).
- The keyboard has a 4000mAh battery, and the mouse has a 700mAh battery.
- A battery indicator on the keyboard will show the power status.



Image: Diagram illustrating the battery capacities of the Redragon S164 keyboard (4000mAh) and mouse (700mAh).

2. Connection Modes

The Redragon S164 combo supports three connection modes: 2.4G Wireless, Bluetooth, and USB Wired.

2.1. 2.4G Wireless Connection

- Locate the 2-in-1 nano receiver. This single receiver connects both the keyboard and mouse.
- Plug the nano receiver into an available USB port on your computer.
- Ensure both the keyboard and mouse are switched to 2.4G wireless mode (refer to device-specific switches).
- The devices should connect automatically.



Image: A visual guide to the tri-mode connection options (Bluetooth, 2.4G, USB-C Wired) for the Redragon S164 combo, highlighting the single dongle for both devices.

2.2. Bluetooth Connection

- Switch the keyboard/mouse to Bluetooth mode.
- On your device (laptop, tablet, smartphone), enable Bluetooth and search for new devices.
- Select the Redragon keyboard/mouse from the list of available devices to pair.
- For quick system switching on the keyboard: Press **FN+A** for Mac mode or **FN+W** for Windows mode.

2.3. USB Wired Connection

- Connect the provided Type-C cable from the keyboard/mouse to a USB port on your computer.
- The devices will automatically switch to wired mode and begin charging.

3. Software Installation

For advanced customization, including RGB lighting, macro settings, and DPI adjustments, download the official driver software.

- Visit the official Redragon website: redragonzone.com/software.html
- Click on "COMBO".
- Search for model "S164" and download the appropriate driver software.



Image: Screenshot of the Redragon custom software interface, showing options for RGB lighting, custom shortcut keys, macro recording, and DPI/report rate adjustments for the S164 keyboard and mouse.

Operating Instructions

Keyboard Features

- **RGB Backlight:** The keyboard features a full true RGB backlight with 16 lighting modes.
    - Adjust brightness and lighting speed using dedicated keys or software.
- **Hot-Swappable Switches:** This 87-key TKL keyboard supports both 3-pin and 5-pin switches, allowing for easy customization without soldering. It comes with pre-lubed Redragon linear switches for a smooth and responsive typing experience.
- **PBT Keycaps:** The side-printed gradient black PBT keycaps are durable, sweat-resistant, and fade-proof. The side legends allow backlight to shine through for a unique aesthetic.
- **Anti-Ghosting Keys:** Ensures all key presses are registered accurately during intense gaming sessions.
- **5-Layer Sound-Dampening Padding:** Reduces hollow cavity noise and provides softer, bouncier typing feedback.



Image: An infographic detailing the key features of the Redragon S164 wireless mechanical keyboard, including BT5.0/2.4G/Wired connectivity, hot-swappable switches, gasket structure, pre-lubed linear switches, RGB backlight, side-printed PBT keycaps, 4000mAh battery, and anti-ghosting keys.



Image: Close-up views of the PCB hot-swappable socket supporting 3-pin/5-pin switches, Redragon linear switches, and double-shot side-printed PBT keycaps.

Your browser does not support the video tag.

Video: An official Redragon video demonstrating the features and usage of the S164 Wireless Mechanical Keyboard and Mouse Combo, including its tri-mode connectivity and RGB lighting.

Mouse Features

- **Adjustable DPI:** The gaming mouse offers 5 preset DPI levels (800/1200/1600/3200/4800). DPI can be customized from 100 to 12800 via software. The scroll wheel light indicates the current DPI setting.
- **Programmable Buttons:** Features 7 programmable buttons for custom keybindings and macros, configurable through the software.
- **Pro Optical Sensor:** Ensures precise tracking and rapid response (1ms).
- **Durability:** Rated for 20 million clicks.



Image: An infographic detailing the key features of the Redragon S164 wireless gaming mouse, including BT5.0/2.4G/Wired connectivity, 12800 DPI Max, 7 macro buttons, 1ms response, 20 million clicks, advanced software support, 700mA battery, and a Pro Optical Sensor.

Auto Power Saving

To conserve battery life, the backlight will automatically turn off when the keyboard and mouse are not in use.

- Keyboard backlight turns off after 3 minutes of inactivity.
- Mouse backlight turns off after 2 minutes of inactivity.
- Press any button on the keyboard or move the mouse to wake them up.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the surfaces of the keyboard and mouse. For deeper cleaning, use a can of compressed air to remove dust and debris from between keycaps. Avoid using harsh chemicals or abrasive materials.
- **Switch Replacement:** The hot-swappable design allows for easy replacement of switches. Use the provided 2-in-

1 keycap and switch puller to carefully remove keycaps and switches. Ensure replacement switches are compatible (3-pin or 5-pin).

- **Keycap Care:** The PBT keycaps are designed for durability. If cleaning is needed, remove them using the keycap puller and wash gently with mild soap and water, ensuring they are completely dry before reattaching.
- **Battery Care:** To prolong battery life, avoid fully discharging the devices frequently. Charge them when the battery indicator shows low power.

Troubleshooting

Problem	Solution
Keyboard/Mouse not connecting in 2.4G mode	• Ensure the nano receiver is securely plugged into a USB port. • Verify both devices are switched to 2.4G mode. • Try plugging the receiver into a different USB port. • Re-pair the devices if necessary (refer to software or Redragon support).
Bluetooth connection issues	• Ensure devices are in Bluetooth pairing mode. • Check your computer/device's Bluetooth settings and remove any previous pairings before attempting to reconnect. • Ensure the keyboard/mouse is within range of your device.
RGB backlight not working or stuck	• Check the battery level; low battery can affect lighting. • Adjust brightness and mode using keyboard shortcuts. • Use the Redragon software to reset or customize lighting effects.
Keys not responding or double-typing	• Ensure the keyboard is fully charged or connected via USB. • Clean under the keycaps for any debris. • If a specific switch is faulty, utilize the hot-swappable feature to replace it with one of the spare switches provided.
Mouse tracking issues or erratic movement	• Clean the mouse sensor with a soft cloth. • Ensure you are using the mouse on a suitable surface (e.g., a mouse pad). • Adjust DPI settings via the mouse button or software. • Check battery level.

Specifications

Feature	Detail
Brand	Redragon
Model Number	S164

Feature	Detail
Connectivity Technology	2.4GHz wireless, Bluetooth, USB-C Wired
Keyboard Layout	87-key TKL (Tenkeyless) QWERTY
Mechanical Keyboard Switch Model	Redragon linear switches (Hot-swappable 3-pin/5-pin)
Keyboard Battery Capacity	4000mAh
Mouse DPI	100-12800 (5 preset levels: 800/1200/1600/3200/4800)
Mouse Buttons	7 Programmable Buttons
Mouse Battery Capacity	700mAh
Keyboard Backlighting	RGB (16 modes)
Compatible Operating Systems	Windows, macOS, Linux, Chrome OS, Android
Keyboard Weight	512 g
Item Highlight	Bluetooth/2.4Ghz/USB-C Wired, TKL Creamy Gaming Keyboard with Hot Swappable Linear Switches + 12800 DPI Gamer Mouse



Image: Diagram showing the dimensions and weight of the Redragon S164 keyboard and mouse.

Warranty and Support

Warranty Information

The Redragon S164 Wireless Mechanical Keyboard and Mouse Combo comes with a**1 Year Manufacturer Warranty**. Please retain your proof of purchase for warranty claims.

Customer Support

For technical support, warranty inquiries, or further assistance, please visit the official Redragon website or contact their customer service.

- Official Website: redragonzone.com
- Software Download: redragonzone.com/software.html

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