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Redragon K509

Redragon Dyaus K509 Wired Semi-Mechanical Gaming Keyboard User Manual

Model: K509

1. Introduction

Thank you for choosing the Redragon Dyaus K509 Wired Semi-Mechanical Gaming Keyboard. This manual provides detailed instructions for setting up, operating, and maintaining your keyboard to ensure optimal performance and longevity. The K509 is designed for durability and responsiveness, offering a tactile typing experience with RGB backlighting and essential gaming features.



Image 1.1: The Redragon Dyaus K509 Wired Semi-Mechanical Gaming Keyboard, showcasing its full layout and RGB backlighting.

2. Setup Instructions

The Redragon Dyaus K509 keyboard is a plug-and-play device, requiring no additional software installation for basic functionality.

1. **Unpacking:** Carefully remove the keyboard from its packaging. Ensure all components, including the keyboard and this user manual, are present.
2. **Connection:** Locate an available USB port on your computer (PC or Laptop). Insert the USB connector of the keyboard firmly into the USB port.
3. **Driver Installation:** Your operating system (Windows 10, 8, 7, Vista, XP, or limited Mac OS) will automatically detect and install the necessary drivers. This process may take a few moments.
4. **Ready for Use:** Once the drivers are installed, the keyboard will be ready for immediate use.



Image 2.1: The Redragon K509 keyboard connected to a computer setup, illustrating its plug-and-play readiness.

3. Operating Instructions

3.1. RGB Backlighting Control

The K509 features 7 different RGB backlight colors and various lighting modes. Use the Function (Fn) key in combination with specific keys to adjust the lighting effects.

- **Color Options:** Blue, Green, Red, Cyan, Yellow, Purple, White.
- **Brightness Levels:** 4 adjustable levels.
- **Breathing Speed:** Adjustable.

Lighting Mode Combinations:

- **Fn + Scroll Lock (SL):** Cycles through different lighting modes (e.g., Neon, Spectrum, Static).
- **Fn + Home (HM):** Changes the backlight color in static mode.

- **Fn + Page Up (PU):** Adjusts backlight brightness (4 levels).
- **Fn + Page Down (PD):** Adjusts breathing speed.
- **Fn + Insert (INS):** Toggles backlight ON/OFF.



Image 3.1: The Redragon K509 keyboard displaying its vibrant RGB backlighting with various modes and adjustable settings.

3.2. Multimedia Keys

The keyboard includes 11 multimedia keys accessible via the Function (Fn) key combinations for quick control over media playback and system functions.

- **Fn + F1:** Media Player
- **Fn + F2:** Volume Down
- **Fn + F3:** Volume Up
- **Fn + F4:** Mute
- **Fn + F5:** Stop
- **Fn + F6:** Previous Track

- **Fn + F7:** Play/Pause
- **Fn + F8:** Next Track
- **Fn + F9:** Email
- **Fn + F10:** Home (Browser)
- **Fn + F11:** Computer (My Computer)
- **Fn + F12:** Search

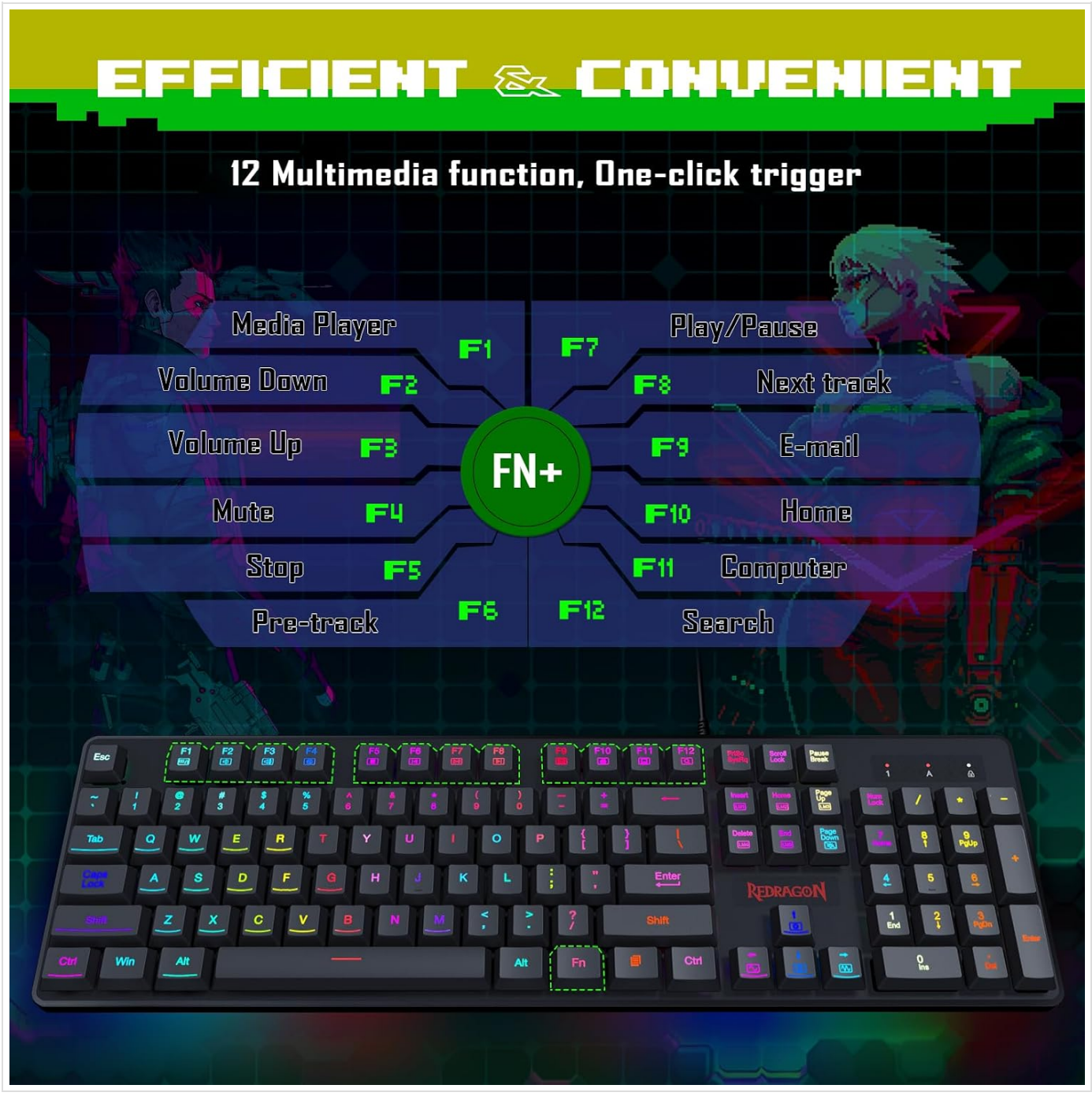


Image 3.2: A visual guide to the multimedia functions available on the Redragon K509 keyboard, activated by pressing the Fn key in combination with F1-F12.

3.3. Anti-Ghosting (N-Key Rollover)

The K509 supports 25-key anti-ghosting (N-Key Rollover), ensuring that multiple key presses are registered simultaneously and accurately, which is crucial for gaming.

- This feature prevents input conflicts when pressing several keys at once.
- **Fn + Win:** Locks the Windows key to prevent accidental presses during gaming sessions. Press again to unlock.



Image 3.3: Illustration highlighting the anti-ghosting capability of the Redragon K509, showing multiple keys being pressed simultaneously without conflict.

3.4. Ergonomic Design

The keyboard features an ergonomic design with a foldable stand to provide comfort during extended use.

- Adjust the foldable stand at the back of the keyboard to achieve your preferred typing angle.
- The design aims to reduce strain during long gaming or typing sessions.



Image 3.4: Close-up view of the Redragon K509's foldable stand, demonstrating how it elevates the keyboard for improved ergonomic comfort.

4. Maintenance

Proper maintenance ensures the longevity and performance of your Redragon Dyaus K509 keyboard.

- **Cleaning:** Use a soft, dry cloth to wipe the keyboard surface. For deeper cleaning, use a can of compressed air to remove dust and debris from between the keycaps. Avoid using harsh chemicals or abrasive materials.
- **Spill Resistance:** The keyboard is designed to withstand average liquid spills. In case of a spill, immediately disconnect the keyboard from your computer, turn it upside down to drain liquid, and allow it to dry completely before reconnecting.
- **Storage:** Store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures when not in use for extended periods.

5. Troubleshooting

If you encounter issues with your Redragon Dyaus K509 keyboard, refer to the following common solutions:

- **Keyboard Not Responding:**
  - Ensure the USB cable is securely connected to both the keyboard and the computer.
  - Try connecting the keyboard to a different USB port on your computer.
  - Test the keyboard on another computer to determine if the issue is with the keyboard or the computer's USB port.
  - Restart your computer.
- **Backlighting Not Working or Incorrect:**
  - Ensure the backlight is not turned off (Fn + Insert).
  - Adjust brightness levels (Fn + Page Up).
  - Cycle through lighting modes (Fn + Scroll Lock) to see if the issue persists across modes.
  - Note that the keyboard may revert to a default lighting mode upon computer restart or power cycle, requiring manual adjustment.
- **Keys Not Registering or Ghosting:**
  - Clean the affected keys with compressed air to remove any debris.
  - Ensure the Windows key lock is not interfering with other key combinations (Fn + Win).
  - If the issue persists, contact customer support.
- **Multimedia Keys Not Functioning:**
  - Ensure you are pressing the Fn key simultaneously with the desired F-key.
  - Check your operating system's media player settings.

6. Specifications

Brand	Redragon
Model Number	K509
Connectivity Technology	Wired (USB)
Keyboard Type	Semi-Mechanical Gaming Keyboard
Key Count	104 Keys
Backlighting	RGB (7 Colors, 4 Brightness Levels, Adjustable Breathing Speed)
Anti-Ghosting	25-Key Rollover
Multimedia Keys	11 (Fn combinations)
Construction	Aircraft-grade Aluminum and ABS with Double-shot Injection Molded Keycaps
Ergonomics	Foldable Stand
Compatibility	Windows 10, 8, 7, Vista, XP; Limited Mac OS support
Color	Black

Product Dimensions	43.8 x 13.4 x 3.4 cm
Item Weight	300 g
Included Components	Keyboard, User Manual
Country of Origin	China

7. Warranty & Support

Redragon provides comprehensive after-sales service for your Dyaus K509 keyboard.

- **Warranty Period:** 12 Months Warranty from the date of purchase.
- **Replacement Policy:** 7 Days Replacement Policy for manufacturing defects. An unboxing video is required for replacement claims.
- **Repair/Replacement:** Repair or replacement services are available for products that are Dead On Arrival (DOA) or have manufacturing defects.

For quick customer service and support, please contact:

- **Email:** Service@originmarketing.in
- **Phone:** +91 9870294946



Image 7.1: Information regarding Redragon's after-sales service, including warranty details and contact information for support.

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