Redragon K552-R

Redragon K552-R Rainbow RGB Backlit Mechanical Gaming Keyboard User Manual

Model: K552-R

1. Introduction

This manual provides detailed instructions for the Redragon K552-R Rainbow RGB Backlit Mechanical Gaming Keyboard. Designed for durability and responsiveness, this 87-key mechanical keyboard features custom blue switches, N-Key rollover, and dynamic RGB backlighting. Please read this manual thoroughly to ensure proper use and maintenance of your device.



Image 1.1: The Redragon K552-R Rainbow RGB Backlit Mechanical Gaming Keyboard, showcasing its compact design and vibrant backlighting.

2. Package Contents

- Redragon K552-R Mechanical Gaming Keyboard

- USB Cable (attached)
- User Manual

3. Setup

Follow these steps to set up your Redragon K552-R keyboard:

1. **Connect the Keyboard:** Plug the USB connector of the keyboard into an available USB port on your computer.
2. **Driver Installation:** The keyboard is plug-and-play. Your operating system will automatically detect and install the necessary drivers. No additional software is typically required for basic functionality.
3. **Placement:** Position the keyboard comfortably on your desk. The compact tenkeyless (TKL) design saves space, allowing for more mouse movement.

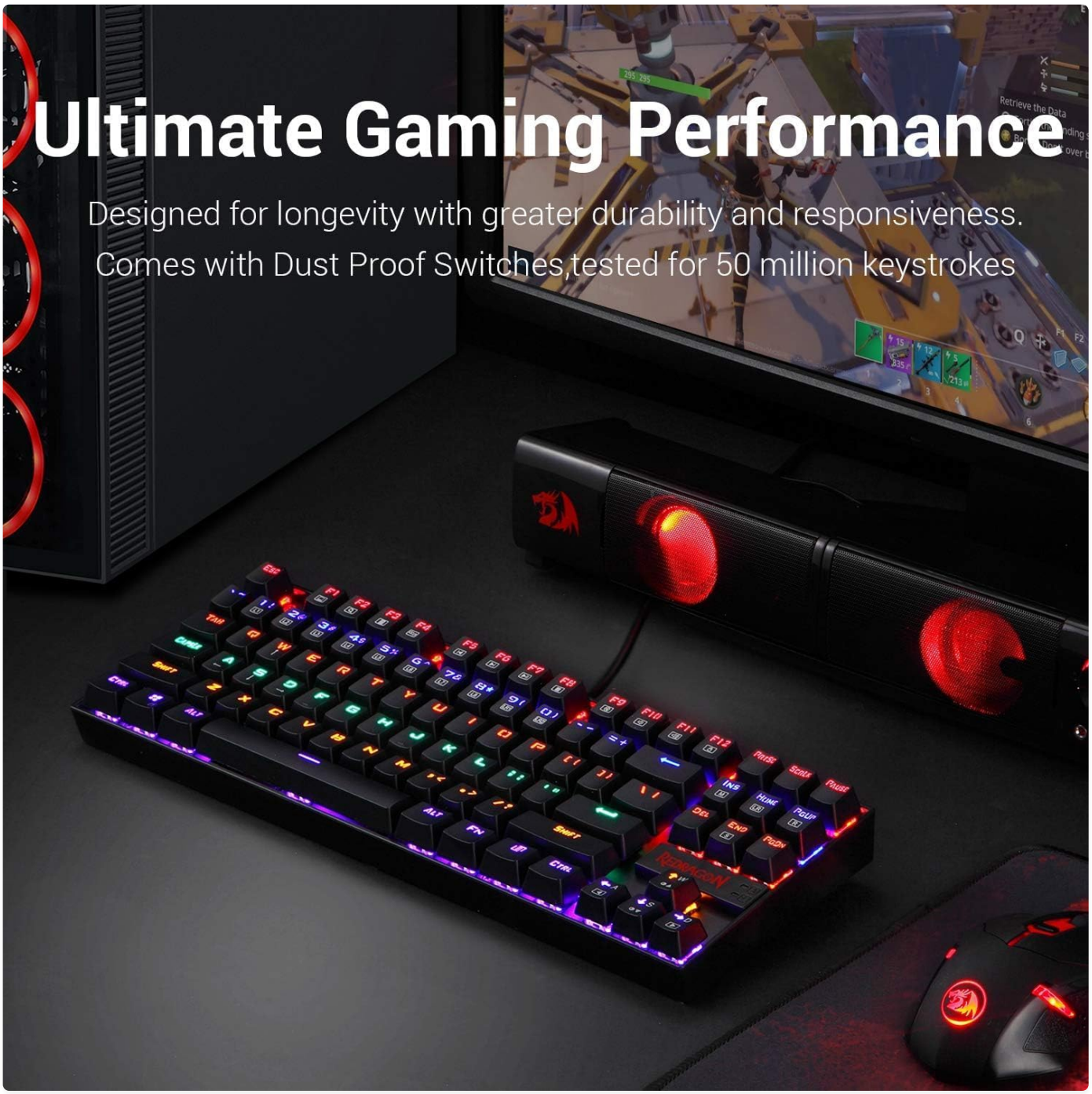


Image 3.1: The Redragon K552-R keyboard integrated into a typical PC gaming environment, highlighting its compact size and suitability for gaming setups.



Image 3.2: An illustration of the keyboard's tenkeyless design, showing the absence of a numeric keypad on the right side, which contributes to its compact form factor.

4. Operating Instructions

4.1. Key Features

- **87-Key Layout:** Compact design without a dedicated number pad.
- **Custom Blue Switches:** Provide a tactile and audible click feedback, ideal for typing and gaming.
- **N-Key Rollover:** All 87 keys are conflict-free, ensuring every keystroke is registered accurately during intense gaming sessions.
- **Durable Construction:** Features a metal-ABS build with plate-mounted mechanical keys.



Image 4.1: An illustration detailing different types of Outemu mechanical key switches, including the Blue switches featured in this keyboard, known for their clicky feedback.



Image 4.2: The Redragon K552-R keyboard in use, illustrating its full anti-ghosting capability where all key presses are registered accurately.

4.2. Backlighting Control

The Redragon K552-R features Rainbow RGB backlighting with multiple modes and brightness levels. Use the following key combinations to control the backlighting:

- **Fn + Ins:** Cycle through 19 preset backlighting modes.
- **Fn + Home:** Activate user-defined backlighting modes (2 available).
- **Fn + Up/Down Arrow:** Adjust backlighting brightness (6 levels).
- **Fn + Left/Right Arrow:** Adjust backlighting speed or direction for certain modes.
- **Fn + Esc:** Turn backlighting off.

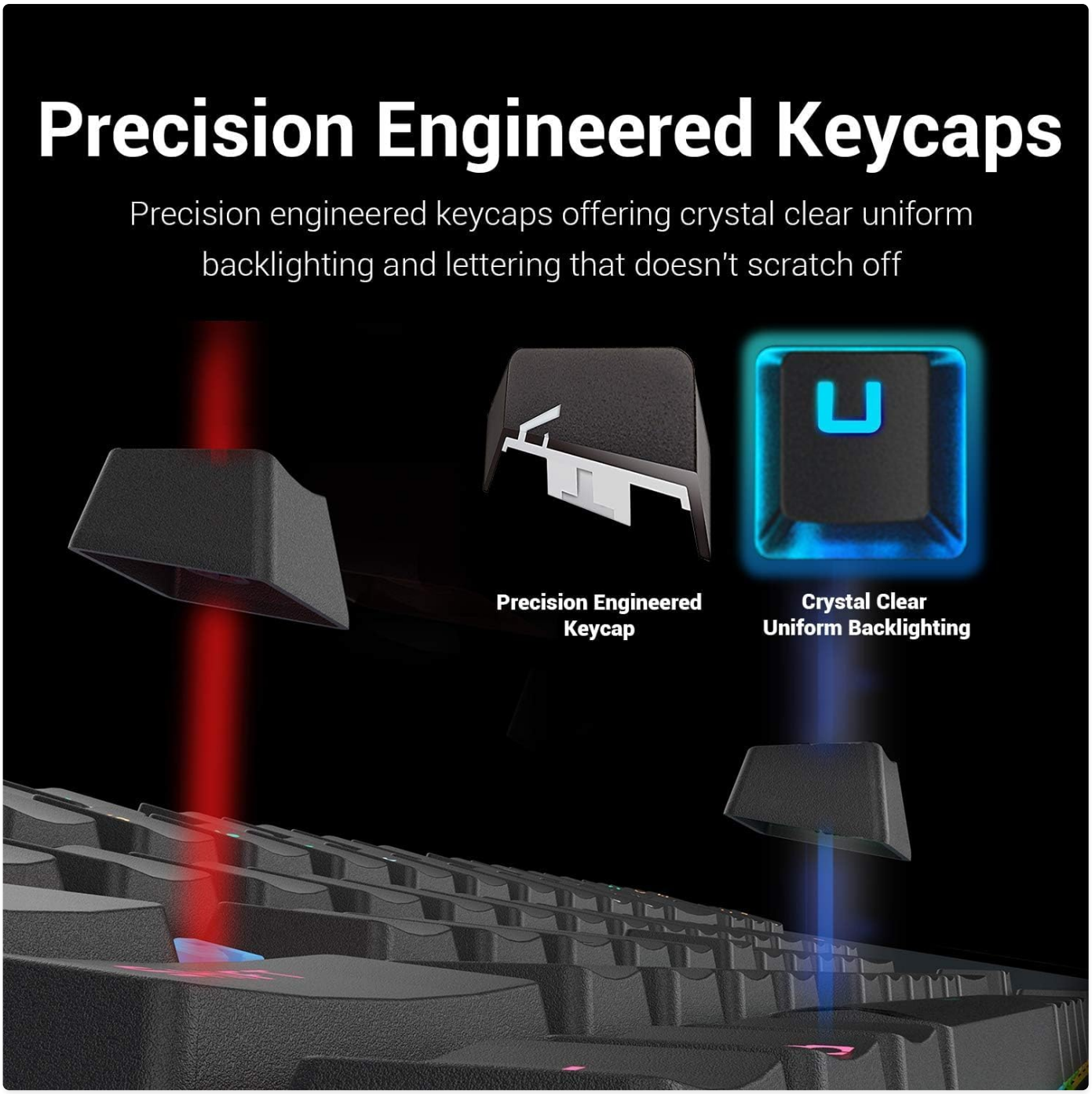


Image 4.3: A detailed view of the precision-engineered keycaps, designed for clear and uniform backlighting without wear over time.

4.3. Multimedia Keys

The keyboard includes 12 multimedia keys accessible via the Function (Fn) key:

- **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:** Web Browser

- **Fn + F11:** My Computer
- **Fn + F12:** Calculator

5. Maintenance

To ensure the longevity and optimal performance of your Redragon K552-R keyboard, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the keyboard with a soft, dry cloth. For deeper cleaning, use compressed air to remove dust and debris from between the keycaps. You may carefully remove keycaps for thorough cleaning, but ensure they are re-installed correctly.
- **Avoid Liquids:** While the keyboard has a splash-proof design, avoid direct exposure to liquids. If liquid spills occur, disconnect the keyboard immediately 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.
- **Cable Care:** Do not bend or crimp the USB cable excessively.

6. Troubleshooting

If you encounter issues with your Redragon K552-R keyboard, refer to the following common solutions:

- **Keyboard Not Responding:**
  - Ensure the USB cable is securely plugged into both the keyboard and the computer.
  - Try plugging the keyboard into a different USB port on your computer.
  - Restart your computer.
- **Backlighting Not Working or Incorrect:**
  - Check if the backlighting is turned off (Fn + Esc).
  - Adjust brightness levels using Fn + Up/Down Arrow.
  - Cycle through different modes using Fn + Ins.
- **Keys Not Registering or Ghosting:**
  - Ensure the keyboard is clean and free of debris that might obstruct key presses.
  - The keyboard features N-Key Rollover, so multiple simultaneous key presses should register correctly. If not, try connecting to a different USB port or computer to rule out system-specific issues.
- **Multimedia Keys Not Functioning:**
  - Ensure you are pressing the Fn key simultaneously with the desired F-key.
  - Check your operating system's settings for media key functionality.

7. Specifications

Feature	Detail
Model Number	K552-R

Keyboard Type	Mechanical Gaming Keyboard
Key Layout	87 Keys (Tenkeyless TKL)
Switch Type	Custom Blue Switches
Backlighting	Rainbow RGB, 19 preset modes, 2 user-defined modes, 6 brightness levels
Anti-Ghosting	Full N-Key Rollover
Multimedia Keys	12 dedicated multimedia functions (Fn + F1-F12)
Connectivity	USB (Gold-plated connector)
Compatibility	Windows 10, 8, 7, Vista, XP; Limited Mac OS support
Product Dimensions	13.94"L x 4.86"W x 1.46"H (35.4 cm x 12.3 cm x 3.7 cm)
Item Weight	2.2 pounds (1 kg)
Special Features	Non-slip, splash-proof design, adjustable typing angle

8. Warranty and Support

Redragon products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the official Redragon website or contact their customer support directly. Keep your purchase receipt as proof of purchase for any warranty claims.
For additional protection, extended protection plans may be available from your retailer. Please consult your retailer for details on these optional plans.

© 2025 Redragon. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question