Redragon K556

Redragon K556 RGB LED Backlit Wired Mechanical Gaming Keyboard User Manual

Model: K556 | Brand: Redragon

Introduction

This manual provides comprehensive instructions for the Redragon K556 RGB LED Backlit Wired Mechanical Gaming Keyboard. Designed for performance and customization, the K556 features hot-swappable brown switches, a durable aluminum base, and vibrant RGB lighting. Please read this manual thoroughly to ensure proper setup and operation.



Figure 1: Redragon K556 RGB Mechanical Gaming Keyboard.

What's in the Box

- Redragon K556 RGB LED Backlit Wired Mechanical Gaming Keyboard
- Keycap/Switch Puller
- Spare Switches (Brown Switch)

- User Manual (PDF available online)

Setup

1. **Unpacking:** Carefully remove the keyboard and all accessories from the packaging.
2. **Connection:** Connect the keyboard's USB cable to an available USB port on your computer. The keyboard is plug-and-play and does not require additional drivers for basic functionality.
3. **Software Installation (Optional):** For advanced customization, including macro programming and additional lighting effects, download and install the Redragon software from the official Redragon website.



Figure 2: Keyboard connected to a PC setup.

Operating Instructions

Key Features

- **Hot-Swappable Switches:** The Redragon K556 features hot-swappable sockets compatible with most 3-pin or 5-pin mechanical switches, allowing for easy customization and maintenance without soldering. The included brown switches offer a soft tactile feel.
- **Anti-Ghosting with 104 Keys:** All 104 keys are anti-ghosting, ensuring accurate and reliable performance even during intense gaming sessions with multiple simultaneous key presses.
- **Durable Aluminum Base:** The keyboard is built with a tank-solid aluminum metal board, providing stability and durability.



Figure 3: Upgraded hot-swap sockets for easy switch replacement.



Figure 4: Anti-ghosting ensures accurate key registration.



Figure 5: The durable aluminum panel design.

RGB Lighting Modes

The K556 offers extensive RGB backlighting customization with 20 preset modes and 18 lighting models. Brightness and flowing speed are adjustable directly on the keyboard.

- **Adjusting Brightness:** Press **Fn + Up Arrow** to increase brightness, and **Fn + Down Arrow** to decrease brightness. The three indicator LEDs (Caps Lock, Num Lock, Scroll Lock) will blink when minimum or maximum brightness is reached.
- **Adjusting Speed:** Press **Fn + Plus (+)** to increase lighting speed, and **Fn + Minus (-)** to decrease speed. The indicator LEDs will blink when minimum or maximum speed is reached.
- **Changing Direction:** Press **Fn + Left Arrow** to toggle the direction of the lighting cycle (e.g., rainbow colors moving left or right).
- **Changing Color:** Press **Fn + Right Arrow** to cycle through 9 different color options: Rainbow, Red, Orange, Yellow, Green, Cyan (light blue), Blue, Purple, Violet.
- **Preset Backlighting Modes:** Use **Fn + Ins, Del, Home, End, PgUp, PgDn** to cycle through 18 different

backlighting modes. Each key offers 3 modes.

- **Fn + Ins:** 1. The Trial of Light, 2. Breathing, 3. Normally On
- **Fn + Home:** 1. Ripple Graff, 2. Pass Without Trace, 3. Coastal
- **Fn + PgUp:** 1. Hurricane, 2. Accumulate, 3. Digital Times
- **Fn + Del:** 1. Go With The Stream, 2. Clouds Fly, 3. Winding Paths
- **Fn + End:** 1. Flowers Blooming, 2. Snow Winter Jasmine, 3. Swift Action
- **Fn + PgDn:** 1. Both Ways, 2. Surmount, 3. Fast and the Furious

- **Reset to Default:** Press **Fn + PrtScrn** to reset all backlighting settings to their default.



Figure 6: Multiple RGB modes and function key combinations.

Multimedia and Function Keys

The keyboard includes dedicated function keys for multimedia control and system shortcuts, accessible via the **Fn** key.

- **Fn + F1-F4:** Media Player, Volume Down, Volume Up, Mute Toggle

- **Fn + F5-F8:** Stop, Rewind, Play/Pause Toggle, Fast Forward
- **Fn + F9-F12:** Email, Browser, Calculator, Search
- **Fn + Windows Key:** Toggles the Windows Start button and Application/Context Menu buttons on and off, useful during gaming to prevent accidental interruptions.

Official Product Video

Your browser does not support the video tag.

Video 1: Official Redragon K556 RGB Gaming Keyboard overview, demonstrating various lighting modes and features.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the keyboard surface. For deeper cleaning, use compressed air to remove dust and debris from between the keycaps.
- **Switch Replacement:**
    a. Gently pull the keycap off the switch using the included keycap puller.
    b. Use the switch puller to carefully remove the mechanical switch from its socket.
    c. Align the pins of the new switch with the holes in the PCB and press firmly until it clicks into place.
    d. Replace the keycap.

Troubleshooting

Problem	Possible Cause	Solution
Keyboard not responding.	Loose USB connection, faulty USB port, driver issue.	Ensure USB cable is securely connected. Try a different USB port. Restart your computer. Reinstall keyboard software/drivers if applicable.
Keys not registering or double-typing.	Dust/debris under keycap, faulty switch.	Remove keycap and clean around the switch with compressed air. If issue persists, replace the switch using the provided spare switches.
RGB lighting not working or incorrect.	Incorrect lighting mode selected, software glitch.	Cycle through lighting modes using Fn key combinations. Reset lighting to default (**Fn + PrtScrn**). Ensure Redragon software is updated and configured correctly.

Specifications

Feature	Detail
Product Dimensions	17.13 x 4.88 x 1.57 inches
Item Weight	2.2 pounds
Manufacturer	Redragon
ASIN	B01NAI2TXC
Item Model Number	K556

Feature	Detail
Brand	Redragon
Compatible Devices	Laptop, Gaming Console
Connectivity Technology	USB
Keyboard Description	104 Keys Wired Aluminum Hot-Swap Gaming Keyboard
Recommended Uses For Product	Gaming
Special Feature	Aluminum Alloy Board, Software Supported, Noise Absorb Foams, Hot-Swappable
Color	K556 (RGB)
Number of Keys	104
Keyboard Backlighting Color Support	RGB
Style	Modern

Warranty & Support

The Redragon K556 keyboard comes with an 18-month warranty from the manufacturer, Redragon. For detailed warranty information, technical support, or service inquiries, please refer to the official Redragon website or contact their customer support directly.
A comprehensive User Manual (PDF) is also available for download:Download User Manual (PDF)

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.

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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