Redragon K671 & H540

Redragon K671 Mechanical Gaming Keyboard & H540 Wireless Gaming Headset User Manual

Model: K671 Keyboard, H540 Headset

1. Introduction

Thank you for choosing the Redragon K671 Mechanical Gaming Keyboard and H540 Wireless Gaming Headset. This manual provides detailed instructions for setting up, operating, and maintaining your new gaming peripherals to ensure optimal performance and longevity. Please read this manual carefully before use.



Image: The Redragon K671 Mechanical Gaming Keyboard and H540 Wireless Gaming Headset, showcasing both devices.

2. Package Contents

Please verify that all items are present in your package:

- Redragon K671 Mechanical Gaming Keyboard
- Redragon H540 Wireless Gaming Headset
- USB-C to USB-A Cable (for keyboard and headset charging/wired connection)
- 2.4G Wireless Receiver (for headset)
- 3.5mm Audio Cable (for headset)
- Keycap Puller
- Switch Puller
- Spare Red Switches (4 included)
- Spare Keycaps (2 included)

- User Manual (this document)

3. Keyboard Setup & Operation (K671)

3.1 Initial Setup

1. Connect the USB-C end of the provided cable to the keyboard and the USB-A end to an available USB port on your computer.
2. The keyboard will be automatically recognized by your operating system.

3.2 Backlight Control

The K671 keyboard features 11 unique backlight modes. You can adjust the lighting effects directly on the keyboard.

- **Fn + Ins:** Cycle through backlight modes.
- **Fn + Up/Down Arrow:** Adjust backlight brightness (5 levels).
- **Fn + Left/Right Arrow:** Adjust backlight speed (5 levels).



Image: The Redragon K671 keyboard illuminated with vibrant RGB backlighting, demonstrating its various lighting effects.

3.3 Macro Editing & Key Remapping

The K671 supports macro editing and key remapping through dedicated software. This allows you to customize key functions, set shortcuts, or combine multiple key functions into a single key for enhanced efficiency in work and gaming.

- Download the official Redragon K671 software from the Redragon website.
- Install the software and follow the on-screen instructions to create and manage macros and key assignments.
- *Note:* While backlight effects can be adjusted via software, the color of the backlight cannot be changed as it is a fixed RGB spectrum.



Image: Screenshot of the Redragon K671 keyboard's software interface, showing options for macro editing and key redefinition.

3.4 Hot-Swappable Switches

The K671 keyboard features hot-swappable sockets, allowing you to easily change mechanical switches without soldering. This keyboard supports 3-pin switches.

- To remove a keycap, use the provided keycap puller.
- To remove a switch, use the provided switch puller, gently gripping the top and bottom clips of the switch and pulling upwards.
- To install a new switch, align the pins of the switch with the holes on the PCB and press down firmly until it clicks into place. Ensure pins are straight to avoid bending.



Image: The Redragon K671 keyboard with several keycaps and switches removed, illustrating its hot-swappable design. Spare switches and keycaps are also shown.

3.5 Responsive Red Switches

The K671 keyboard is equipped with responsive Red switches, known for their linear feel and low actuation force, making them ideal for fast-paced gaming and comfortable typing.

- **Actuation Distance:** 2 ± 0.6 mm
- **Actuation Force:** 45 ± 10g



Image: A detailed cutaway view of a Red mechanical switch on the Redragon K671 keyboard, highlighting its internal components and specifications.

4. Headset Setup & Operation (H540)

4.1 Connectivity Options

The H540 headset offers versatile connectivity with four modes:

- **Wireless Bluetooth:** Pair with Bluetooth-enabled devices.
- **Wireless 2.4G:** Use the included 2-in-1 2.4G receiver (supports USB and Type-C connections) for low-latency wireless audio.
- **3.5mm Wired:** Connect via the 3.5mm audio cable for universal compatibility with devices supporting a 3.5mm jack.
- **USB Wired:** Connect via USB cable for audio and charging.



Image: The Redragon H540 wireless gaming headset, illustrating its four connectivity options: 3.5mm wired, Bluetooth, 2.4G (Type-C + USB), and USB wired.

4.2 7.1 Surround Sound & 53MM Drivers

Experience immersive audio with 7.1 surround sound technology and powerful 53mm drivers. These features provide a wider frequency range, richer soundstage, and enhanced clarity for an immersive gaming and listening experience.

- The 7.1 surround sound creates a spatial audio environment, allowing for precise directional cues in games.
- The 53mm drivers reproduce sound with greater clarity and precision, delivering rich and detailed audio effects.



Image: A person wearing the Redragon H540 gaming headset, emphasizing the 7.1 surround sound feature for an immersive experience.



Image: An exploded view of the Redragon H540 headset's internal components, highlighting the 53mm audio driver and its structure.

4.3 Omni-Directional & Noise-Canceling Microphone

The H540 headset is equipped with an omni-directional, noise-canceling microphone designed for clear communication.

- The microphone supports any angle of rotation for optimal positioning.
- It effectively eliminates most background noise, enhanced by acoustic filters and anti-static shielding.
- Ideal for in-game communication and voice chats.

4.4 Comfort and Design

The H540 headset features soft memory foam earpads and a durable aluminum alloy bracket, providing a comfortable wearing experience even during extended gaming sessions.



Image: The Redragon H540 headset, highlighting its soft earpads and robust aluminum bracket for enhanced comfort and durability.

5. Maintenance

To ensure the longevity and optimal performance of your Redragon K671 Keyboard and H540 Headset, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the surfaces of both devices. For the keyboard, use compressed air to remove dust and debris from between keycaps. For the headset, gently clean earpads with a slightly damp cloth if necessary, avoiding excessive moisture.
- **Storage:** Store the devices in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid sharp bends or kinks in the cables. Do not pull on the cables to disconnect them; always grasp the connector.
- **Liquid Exposure:** Keep both devices away from liquids. In case of accidental spills, immediately disconnect the device and allow it to dry completely before reconnecting.

6. Troubleshooting

If you encounter any issues with your Redragon K671 Keyboard or H540 Headset, please refer to the following common solutions:

6.1 Keyboard Troubleshooting

- **Keyboard not responding:** Ensure the USB cable is securely connected to both the keyboard and the computer. Try a different USB port. Restart your computer.
- **Backlight not working:** Check if the backlight is turned off (Fn + Up Arrow to increase brightness). Ensure the keyboard is properly powered.
- **Keys not registering:** If specific keys are not working, try removing and re-inserting the switch for that key (if hot-swappable). Clean any debris around the switch.

6.2 Headset Troubleshooting

- **No audio:** Ensure the headset is powered on and connected via your chosen method (Bluetooth, 2.4G, 3.5mm, USB). Check volume levels on both the headset and your device. Verify the correct audio output device is selected in your computer's sound settings.
- **Microphone not working:** Ensure the microphone is not muted on the headset or in your device's settings. Check microphone privacy settings on your operating system. Ensure the microphone is properly positioned.
- **Wireless connection issues:** For 2.4G, ensure the receiver is plugged in and the headset is in 2.4G mode. For Bluetooth, ensure the headset is in pairing mode and visible to your device. Try re-pairing.
- **Charging issues:** Ensure the charging cable is securely connected to the headset and a power source. Try a different USB port or charger.

If these steps do not resolve your issue, please contact Redragon customer support.

7. Specifications

Feature	Description
Brand	Redragon
Keyboard Model	K671
Headset Model	H540
Keyboard Switch Type	Red Mechanical (Hot-swappable 3-pin)
Keyboard Backlight	RGB (11 modes, 5 brightness, 5 speed levels)
Headset Connectivity	Bluetooth, 2.4G Wireless, 3.5mm Wired, USB Wired
Headset Audio	7.1 Surround Sound, 53mm Drivers
Headset Microphone	Omni-Directional, Noise-Canceling
ASIN	B0F9NHWBKQ
Date First Available	March 31, 2025

8. Warranty & Support

Redragon products are designed for durability and performance. For information regarding warranty coverage and support, please refer to the official Redragon website or contact their customer service directly.

- **Return Policy:** Products purchased from Amazon.com typically have a 30-day return window from the date of receipt. Please check Amazon's return policy for specific details.
- **Contact Support:** For technical assistance, troubleshooting beyond this manual, or warranty claims, please visit the Redragon Store on Amazon or their official website.

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