Redragon K568W-RGB

Redragon Dark Avenger Lunar White RGB Mechanical Gaming Keyboard K568W-RGB User Manual

Introduction

Thank you for choosing the Redragon Dark Avenger Lunar White RGB Mechanical Gaming Keyboard K568W-RGB. This manual provides essential information for setting up, operating, and maintaining your new keyboard. Please read it thoroughly to ensure optimal performance and longevity of your device.
The K568W-RGB features a compact Tenkeyless (TKL) design, Redragon Mk2 Blue mechanical switches, vibrant per-key RGB backlighting, and durable double-shot ABS keycaps. It is designed for an enhanced gaming and typing experience.

Package Contents

- Redragon Dark Avenger Lunar White RGB Mechanical Gaming Keyboard K568W-RGB
- User Manual
- Keycap Puller
- Switch Puller
- Spare Switches (if included)

Setup Instructions

1. **Unpack the Keyboard:** Carefully remove the keyboard and all accessories from the packaging.
2. **Connect to Computer:** Plug the USB Type-A connector of the keyboard cable into an available USB port on your computer.
3. **Driver Installation:** Your operating system (Windows 10 or later recommended) should automatically detect and install the necessary drivers. No manual driver installation is typically required for basic functionality.
4. **Software Installation (Optional):** For advanced customization of RGB lighting and key assignments, download the official Redragon software from the Redragon website. Follow the on-screen instructions for

installation.



Image: The Redragon K568W-RGB mechanical keyboard, ready for connection. Connect the USB cable to your computer's USB port.

Operating Instructions

Basic Keyboard Functions

The Redragon K568W-RGB functions as a standard mechanical keyboard. Simply type as you would with any other keyboard. The TKL layout means it does not include a dedicated numeric keypad, offering a more compact form factor.

RGB Backlighting Control

Your keyboard features Redragon Chroma Mk2 RGB per-key backlighting. You can cycle through various lighting modes and adjust brightness directly from the keyboard or through the Redragon software.

- **Function Key Combinations:** Refer to the keyboard's keycap legends for specific FN (Function) key

combinations to change lighting effects, colors, and brightness. Typically, these involve the FN key combined with F-keys or arrow keys.

- **Software Customization:** For advanced control, including custom per-key lighting, macro programming, and more detailed effect adjustments, use the Redragon software.



Image: The Redragon K568W-RGB keyboard showcasing its vibrant RGB backlighting. Lighting effects can be customized.

Multimedia Keys

Access multimedia functions by pressing the **FN** key in combination with designated F-keys. These functions typically include:

- Volume Up/Down/Mute
- Play/Pause, Stop, Previous/Next Track
- Web Browser, Email, Calculator

Windows Key Lock Function

To prevent accidental presses of the Windows key during gaming, you can lock it. This function is usually activated by pressing **FN + Windows Key**. Repeat the combination to unlock.

DIY Mechanical Switches

The K568W-RGB features hot-swappable Redragon Mk2 Blue switches, allowing you to replace individual switches without soldering. This is useful for customizing your typing feel or replacing a faulty switch.

1. **Remove Keycap:** Use the included keycap puller to gently remove the keycap from the desired switch.
2. **Remove Switch:** Use the included switch puller to carefully grip the top and bottom clips of the switch and pull it straight up.
3. **Insert New Switch:** Align the pins of the new switch with the holes on the PCB. Press down gently until the switch clicks into place. Ensure the pins are not bent.
4. **Replace Keycap:** Place the keycap back onto the new switch.



Image: A close-up view of the Redragon K568W-RGB keycaps and the underlying mechanical switches, highlighting their design and potential for customization.

Maintenance

Cleaning the Keyboard

- **General Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe down the keycaps and keyboard frame. Avoid excessive moisture.
- **Dust Removal:** Use compressed air to remove dust and debris from between the keycaps.
- **Deep Cleaning (Keycaps):** For thorough cleaning, you can remove the keycaps using the keycap puller and wash them with mild soap and water. Ensure they are completely dry before reattaching.

Caution: Do not immerse the keyboard in water or any liquid. Avoid using harsh chemicals or abrasive materials for cleaning.

Troubleshooting

- **Keyboard Not Responding:**
  - Ensure the USB cable is securely connected to both the keyboard and the computer.
  - Try plugging the keyboard into a different USB port.
  - Restart your computer.
  - Test the keyboard on another computer to rule out a system-specific issue.

- **RGB Lighting Not Working:**
  - Check if the lighting is turned off via FN key combinations.
  - Ensure the Redragon software is running correctly and not conflicting with other lighting software.
  - Perform a factory reset if available (refer to software or Redragon support for instructions).
- **Keys Not Registering:**
  - Remove the keycap and switch for the affected key (refer to "DIY Mechanical Switches" section). Inspect for any debris or bent pins.
  - Try replacing the switch with a spare one if available.
  - Ensure the keycap is properly seated.

If you continue to experience issues, please contact Redragon customer support.

Specifications

Feature	Detail
Brand	Redragon
Model Number	K568W-RGB
Series	Dark Avenger Lunar White RGB
Keyboard Layout	Tenkeyless (TKL), ABNT2
Switch Type	Redragon Mk2 Blue Mechanical (Hot-swappable)
Backlighting	Redragon Chroma Mk2 RGB (Per-key individual lighting)
Keycaps	Double-shot ABS
Connectivity	USB 2.0 Type-A (Wired)
Material	ABS Plastic
Dimensions (L x W x H)	40 x 20 x 7 cm
Weight	1.02 kg
Operating System Compatibility	Windows 10 (and compatible with PC, Portable)
Special Features	Backlit, Lunar White Panel, Mechanical, Multimedia Keys, Windows Key Lock, Software Support

Warranty and Support

Redragon products typically come with a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official Redragon website for detailed warranty terms and conditions specific to your region. For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Redragon

customer service through their official website or the contact information provided in your product packaging.
Redragon Official Website: www.redragonzone.com