Redragon

Redragon K628 PRO 75% 3-Mode Wireless RGB Gaming Keyboard Instruction Manual

Model: K628 PRO

1. Product Overview

The Redragon K628 PRO is a compact 75% layout mechanical gaming keyboard featuring 78 keys, hot-swappable switches, and versatile 3-mode connectivity (USB-C wired, Bluetooth, and 2.4GHz wireless). It includes vibrant RGB backlighting and is designed for both gaming and productivity.



Figure 1: Redragon K628 PRO 75% Gaming Keyboard.



Figure 2: Key features of the Redragon K628 PRO: 75% Compact Layout, Fully Hot-Swap & Function, and 3-Mode Connectivity (BT, 2.4GHz, & Wired).

2. Package Contents

Ensure all items are present in the package:

- Redragon K628 PRO Gaming Keyboard
- USB-C Cable
- Keycap Puller
- Switch Puller
- Spare Switches (Red Switches)
- User Manual (this document)

3. Setup and Connection

3.1 Initial Charging

Before first use, it is recommended to fully charge the keyboard. Connect the provided USB-C cable to the keyboard's USB-C port and the other end to a powered USB port on your computer or a USB wall adapter. The keyboard has a built-in 1600mAh battery.



Figure 3: The keyboard features a 1600mAh battery, providing approximately 30 hours with RGB backlight on and 120 hours with RGB backlight off.

3.2 Connection Modes

The Redragon K628 PRO supports three connection modes: USB-C wired, 2.4GHz wireless, and Bluetooth.



Figure 4: The keyboard offers versatile connectivity options including Bluetooth, 2.4G wireless, and Type-C wired.

3.2.1 USB-C Wired Connection

1. Ensure the switch on the back of the keyboard is set to the 'OFF' position.
2. Connect the provided USB-C cable to the keyboard and your computer's USB port.
3. The keyboard will be automatically recognized and ready for use.

3.2.2 2.4GHz Wireless Connection

1. Locate the 2.4G wireless dongle, usually stored in a compartment on the underside of the keyboard.
2. Plug the 2.4G dongle into an available USB port on your computer.
3. Set the switch on the back of the keyboard to the '2.4G' position.
4. The keyboard should connect automatically. If not, press **Fn + 4** to initiate pairing.

3.2.3 Bluetooth Connection

The keyboard supports up to three Bluetooth devices (BT1, BT2, BT3).

1. Set the switch on the back of the keyboard to the 'BT' position.
2. To enter pairing mode for a specific Bluetooth channel, press and hold **Fn + 1** (for BT1), **Fn + 2** (for BT2), or **Fn + 3** (for BT3) until the corresponding key's backlight flashes rapidly.
3. On your device (PC, laptop, tablet, smartphone), search for Bluetooth devices and select "Redragon K628 PRO" from the list.
4. Once connected, the backlight will stop flashing.
5. To switch between paired Bluetooth devices, simply press **Fn + 1**, **Fn + 2**, or **Fn + 3**.

4. Operating Instructions

4.1 Key Layout and Functions

The K628 PRO features a 75% compact layout with 78 keys, including dedicated arrow keys and a numpad for full functionality in a smaller form factor.



Figure 5: The 78-key layout provides convenient arrow and number keys, along with FN combo keys for media and function controls.

4.2 Function Key Combinations (Fn)

Utilize the Fn key for various shortcuts and controls:

- **Fn + F1~F12**: Access F1-F12 functions.
- **Fn + Tab**: Reset keyboard settings.
- **Fn + < / >**: Adjust light speed.
- **Fn + Up Arrow** / **Down Arrow**: Adjust light brightness.
- **Fn + Spacebar**: Change light color.
- **Fn + Alt**: Change light mode.
- **Fn + Win**: Lock/Unlock Windows key.
- **Fn + Q/W/E**: Switch between Bluetooth devices (BT1, BT2, BT3).
- **Fn + R**: Switch to 2.4G wireless mode.
- **Fn + T**: Switch to wired mode.
- **Fn + A/S/D/F/G/H/J/K/L**: Media controls (Play/Pause, Stop, Previous, Next, Mute, Volume Down, Volume Up, etc. - specific icons are on keycaps).



Figure 6: The keyboard comes equipped with Redragon Mechanical Red Switches, known for their smooth, linear travel and quiet operation.

4.3 RGB Backlighting

The keyboard features vibrant RGB backlighting with multiple modes and customization options.

- **Preset Modes**: Up to 20 preset backlighting modes are available directly on the keyboard.
- **Brightness Adjustment**: Use **Fn + Up Arrow** / **Down Arrow** to adjust brightness.
- **Speed Adjustment**: Use **Fn + <** / **>** to adjust flowing speed of dynamic modes.
- **Color Change**: Use **Fn + Spacebar** to cycle through different colors.
- **Music Sync Mode**: A new music sync mode is available to synchronize lighting with audio.

4.4 Software Support

For advanced customization, including designing new modes, effects, macros, and key rebindings, download the professional software from the official Redragon website (redragonshop.com).

5. Maintenance

5.1 Hot-Swappable Switches

The Redragon K628 PRO features hot-swappable sockets, allowing you to easily change switches without soldering. It is compatible with most 3-pin or 5-pin mechanical switches on the market.



Figure 7: The keyboard's pioneering hot-swappable sockets support 3-pin and 5-pin switches, allowing for easy customization.

5.1.1 Replacing Switches

1. Using the provided keycap puller, carefully remove the keycap from the switch you wish to replace.
2. Insert the switch puller tool onto the switch, ensuring it grips the top and bottom clips of the switch.
3. Gently but firmly pull the switch straight up to remove it from the PCB.
4. Align the pins of the new switch with the holes on the PCB. Ensure the pins are straight to avoid bending.
5. Press the new switch firmly into place until it clicks securely.
6. Replace the keycap.

5.2 Cleaning the Keyboard

Regular cleaning helps maintain the keyboard's performance and appearance.

- Disconnect the keyboard from your computer before cleaning.
- Use a can of compressed air to blow away dust and debris from between the keycaps.
- For surface cleaning, wipe the keycaps and chassis with a soft, slightly damp cloth. Avoid excessive moisture.
- For deeper cleaning, keycaps can be removed using the keycap puller and cleaned separately with mild soap and water. Ensure they are completely dry before reattaching.

6. Troubleshooting

If you encounter issues with your Redragon K628 PRO keyboard, refer to the following common solutions:

Problem	Possible Cause	Solution
Keyboard not responding (wired)	Loose cable connection, faulty USB port, driver issue.	Ensure USB-C cable is securely connected. Try a different USB port or cable. Restart your computer.
Keyboard not responding (wireless/Bluetooth)	Incorrect mode selected, low battery, pairing issue, interference.	Check the mode switch (2.4G/BT). Recharge the keyboard. Re-pair the device (see Section 3.2). Move closer to the receiver/device. Avoid strong interference sources.
Specific keys not working	Faulty switch, debris under keycap.	Remove keycap and clean. If issue persists, replace the switch (see Section 5.1.1).
RGB lighting not working or incorrect	Incorrect lighting mode, software glitch.	Cycle through lighting modes using **Fn + Alt**. Adjust brightness with **Fn + Up/Down Arrow**. Reset keyboard (**Fn + Tab**). Reinstall software if using custom profiles.
Software/firmware issues	Outdated firmware, corrupted software installation.	Visit the Redragon website for the latest software and firmware updates. Follow instructions for updating. Reinstall the software.

Your browser does not support the video tag.

Video 1: Official Redragon video demonstrating the K631 and K628 PRO keyboards, highlighting hot-swappable switches and multi-mode connectivity. This video provides a visual guide to some of the keyboard's key features and setup options.

7. Specifications

Feature	Detail
Product Dimensions	15.35 x 6.1 x 2.17 inches
Item Weight	1.76 pounds
Manufacturer	Redragon
ASIN	B09ZNQMWH6

Feature	Detail
Country of Origin	China
Item Model Number	K628 PRO
Batteries	1 Lithium Polymer battery required
Brand	Redragon
Compatible Devices	PC, Laptop, Tablet
Connectivity Technology	USB-C, Bluetooth, 2.4Ghz wireless
Keyboard Description	78 keys 3-modes wireless hot-swap gaming keyboard
Recommended Uses	Gaming
Special Feature	Hot-Swappable, 75% Compact Layout with Dedicated Arrow Keys & Numpad, 3-Mode Connection
Color	Black & Red
Number of Keys	78
Keyboard Backlighting	RGB
Style	Modern
First Available Date	May 6, 2022

8. Warranty and Support

8.1 Warranty Information

Redragon products typically come with a limited warranty. Please refer to the official Redragon website or the warranty card included in your product packaging for specific warranty terms and conditions. Keep your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact Redragon customer support through their official website: redragonshop.com.

8.3 Additional Resources

A PDF version of the user manual can be found at:User Manual (PDF).

© 2024 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