Rii RK204

Rii RK204 Wireless Gaming Keyboard User Manual

Model: RK204 | Brand: Rii

1. Introduction

The Rii RK204 Wireless Gaming Keyboard is a full-size, anti-ghosting keyboard designed for Windows PC gaming. It features a 2.4G wireless connection, a rechargeable battery, and a rainbow backlit display with adjustable brightness. The integrated wrist rest provides ergonomic support for comfortable typing during extended use.



Image: Top-down view of the Rii RK204 Wireless Gaming Keyboard, showcasing its full layout, rainbow backlighting, and the included USB receiver.

2. Package Contents

Please check the package for the following items:

- Rii RK204 Wireless Gaming Keyboard
- 2.4G USB Receiver
- Type-C Charging Cable
- Integrated Wrist Rest (part of the keyboard design)
- User Manual (this document)

3. Setup

Follow these steps to set up your Rii RK204 Wireless Gaming Keyboard:

1. **Charge the Keyboard:** Before first use, connect the provided Type-C charging cable to the keyboard's charging port and the other end to a USB power source (e.g., computer USB port, USB wall adapter). The charging indicator light will illuminate.
2. **Locate the USB Receiver:** The 2.4G USB receiver is typically stored in a compartment on the keyboard or in the packaging.
3. **Connect the USB Receiver:** Plug the 2.4G USB receiver into an available USB port on your computer.
4. **Turn On the Keyboard:** Locate the power switch on the keyboard (usually on the top right side) and slide it to the "ON" position.
5. **Automatic Connection:** The keyboard will automatically connect to the USB receiver. A connection success indicator light will confirm the connection. No drivers are required for installation.



Image: The Rii RK204 keyboard positioned next to a laptop, illustrating the 2.4GHz wireless connection via a small USB receiver plugged into the laptop's side.

4. Operating Instructions

4.1 Backlight Control

The keyboard features a rainbow backlight with adjustable brightness levels. Please note that the color cannot be changed from rainbow.

- **Adjust Brightness:** Press **Fn + Page Up** to increase backlight brightness.
- Press **Fn + Page Down** to decrease backlight brightness.
- There are 3 adjustable brightness levels.



Image: The Rii RK204 keyboard displaying its fixed rainbow backlight with three distinct brightness levels (30%, 60%, 100%) demonstrated in separate close-up views of the keys.

4.2 Charging the Keyboard

The keyboard is equipped with a built-in rechargeable battery. To charge:

- Connect the Type-C charging cable to the port on the keyboard.
- Plug the USB-A end of the cable into a power source.
- The charging indicator light will show the charging status.



Image: A close-up view of the Rii RK204 keyboard's right side, highlighting the Type-C charging port with a cable connected, and an icon indicating a 2000mA rechargeable battery.

4.3 Smart Power Management

The keyboard features a smart power management system to conserve battery life. It includes a physical ON/OFF switch.

- Always turn the keyboard OFF when not in use for extended periods to maximize battery life.
- The keyboard may enter a smart sleep mode after a period of inactivity. Press any key to wake it up.



Image: A close-up of the Rii RK204 keyboard's top right corner, showing the physical ON/OFF slide switch for power management.

4.4 Indicator Lights

The keyboard has several indicator lights located on the top right:

- **Charging Indicator:** Illuminates when the keyboard is charging.
- **Connection Success Indicator:** Confirms successful wireless connection.
- **Number Lock Indicator:** Lights up when Num Lock is active.
- **Caps Lock Indicator:** Lights up when Caps Lock is active.
- **Scroll Lock Indicator:** Lights up when Scroll Lock is active.



Image: A detailed view of the Rii RK204 keyboard's upper right section, pointing out the various indicator lights: Charging, Scroll Lock, Caps Lock, Number Lock, and Connection Success.

4.5 Ergonomic Wrist Rest

The integrated wrist rest is designed to provide ergonomic support, reducing wrist fatigue and ensuring a comfortable typing experience during prolonged use.



Image: An angled view of the Rii RK204 keyboard, highlighting its ergonomic palm rest designed to reduce wrist fatigue and pain, with illustrative hands showing correct and incorrect wrist posture.

5. Maintenance

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

- **Cleaning:** Use a soft, dry cloth to wipe down the keyboard surface. For deeper cleaning, a slightly damp cloth can be used, ensuring no liquid enters the keys or internal components. Avoid harsh chemicals or abrasive cleaners.
- **Dust Removal:** Use compressed air to remove dust and debris from between the keys.
- **Battery Care:** To prolong battery life, avoid fully discharging the keyboard frequently. Recharge it when the battery low indicator appears. If storing for a long period, charge it to about 50% and store in a cool, dry place.
- **Storage:** Store the keyboard in a clean, dry environment away from extreme temperatures and direct sunlight.

6. Troubleshooting

If you encounter issues with your Rii RK204 keyboard, refer to the following common problems and solutions:

Problem	Possible Solution
Keyboard not responding / No connection	◦ Ensure the keyboard is turned ON. ◦ Verify the USB receiver is securely plugged into a working USB port on your computer. ◦ Check if the keyboard battery is charged. Connect the charging cable. ◦ Try plugging the USB receiver into a different USB port. ◦ Restart your computer.
Backlight not working or dim	◦ Ensure the keyboard is turned ON and charged. ◦ Adjust brightness using **Fn + Page Up** or **Fn + Page Down**. ◦ Note that the backlight is fixed rainbow color and cannot be changed.
Keys not registering or sticky	◦ Clean around and under the affected keys to remove any debris. ◦ Ensure the keyboard is fully charged. ◦ If the issue persists, contact customer support.
Short battery life	◦ Ensure the keyboard is fully charged before use. ◦ Turn off the keyboard using the ON/OFF switch when not in use. ◦ Reduce backlight brightness to conserve power.

7. Specifications

Feature	Detail
Model Number	RK204
Connectivity Technology	2.4G Wireless
Keyboard Description	Gaming, Full-Size, Anti-Ghosting
Backlight	Rainbow Backlit (3 adjustable brightness levels)
Power Source	Rechargeable Lithium Ion Battery (included)
Compatible Devices	PC (Windows 11/10/8/7/XP, Mac OS)
Number of Keys	115
Included Components	Wrist Rest (integrated)
Item Weight	2.06 pounds
Package Dimensions	17.6 x 8.5 x 1.42 inches
Manufacturer	Riitek

8. Warranty and Support

Every Rii product, including the RK204 keyboard, comes with a 365-day care period. If you encounter any issues with your keyboard, such as keycap fading, key malfunction, or non-operation, please contact our service team.

Our dedicated service team aims to provide a satisfactory response within 12 hours. For support, please refer to the contact information provided with your purchase or visit the official Rii website.

For more information and support, visit the Rii Store on Amazon.

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