Rii RK204

Rii RK204 Wireless RGB Gaming Keyboard User Manual

Model: RK204

Introduction

The Rii RK204 Wireless RGB Gaming Keyboard is designed to enhance your gaming and computing experience with its advanced features and ergonomic design. This manual provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your keyboard to ensure optimal performance.



Figure 1: Rii RK204 Wireless RGB Gaming Keyboard

Key Features

The Rii RK204 keyboard offers a range of features designed for convenience and performance:

- **Rechargeable Wireless Design:** Equipped with an 1800mAh built-in battery, eliminating the need for frequent battery changes. Features an automatic sleep mode after 5 minutes of inactivity to conserve energy, with any key press waking it up.
- **Durable Construction:** Made from durable ABS material, ensuring sturdiness and longevity. Keys have a lifetime of 500,000 keystrokes.
- **2.4G Wireless Transmission:** Provides a stable wireless connection up to 10 meters. The USB receiver is conveniently stored on the back of the keyboard for plug-and-play functionality, requiring no additional drivers.
- **Vibrant RGB Backlighting:** Features 5 LED backlit modes and 4 adjustable permanent mixed backlit modes. Brightness and breathing speed of the backlight can be adjusted to personal preference.
- **Broad Compatibility:** Compatible with Windows 10, Windows 8, Windows 7, Windows XP, Windows VISTA, Mac OS, PS4, and Xbox.
- **Full-Size Layout:** A 104-key standard keyboard with 19-key anti-ghosting capability and 13 multimedia key combinations for enhanced control.



Figure 2: Overview of Rii RK204 Keyboard Features

Setup Guide

1. Initial Charging

Before first use, fully charge the keyboard for approximately 4 hours. Use the provided USB cable to connect the keyboard to a power source (e.g., computer USB port, USB wall adapter).



Figure 3: Micro USB Charging Port and Power Switch

2. Wireless Connection

1. Locate the USB receiver on the back of the keyboard. It is typically stored in a small compartment.
2. Remove the USB receiver and plug it into an available USB port on your computer, gaming console (PS4, Xbox), or other compatible device.
3. Turn on the keyboard using the ON/OFF switch, usually located near the charging port.
4. The keyboard should automatically connect to your device. No additional drivers are required for most operating systems.



Figure 4: 2.4GHz Wireless USB Receiver

Operating Instructions

1. Basic Usage

Once connected, the keyboard functions like a standard 104-key keyboard. You can begin typing and using its various keys immediately.

2. Backlight Control

The Rii RK204 features customizable RGB backlighting. Use the following key combinations with the **Fn** (Function) key:

- **Fn + PGUP / PGDN:** Increase or reduce backlight brightness.
- **Fn + "=" / "-":** Control the breathing frequency and running speed of dynamic backlight modes.
- **Fn + 1 / 2 / 3 / 4 / 5:** Change between different backlight modes (5 LED modes, 4 adjustable permanent mixed modes).
- **LED Backlight ON/OFF:** Specific key combination for turning the backlight on or off (refer to keyboard layout for exact key, often indicated by a light bulb icon).



Figure 5: Backlight Control Functions

3. Multimedia Keys

The keyboard includes 13 multimedia key combinations, typically accessed by holding the **Fn** key and pressing the corresponding F-keys (F1-F12) or other designated keys. These allow quick access to functions like volume control, media playback, and more.

Maintenance

1. Battery Care

- To maximize battery life, fully charge the keyboard when the battery is low.
- If the keyboard will not be used for an extended period, turn off the power switch to prevent battery drain.
- Avoid exposing the keyboard to extreme temperatures, which can affect battery performance.



Figure 6: 1800mAh Large Capacity Battery

2. Cleaning

- Use a soft, dry cloth to wipe down the keyboard surface.
- For stubborn dirt, slightly dampen the cloth with water or a mild, non-abrasive cleaner. Ensure no liquid enters the keyboard.
- Use compressed air to remove dust and debris from between the keys.

Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Keyboard not responding / Not connecting wirelessly	Low battery. USB receiver not properly connected. Keyboard power switch is off. Interference from other wireless devices.	Charge the keyboard for at least 4 hours. Ensure the USB receiver is firmly plugged into a working USB port. Try a different USB port. Turn on the keyboard using the ON/OFF switch. Move the keyboard closer to the USB receiver or away from other wireless devices.
Backlight not working or dim	Backlight is turned off. Brightness is set too low. Low battery.	Press the backlight ON/OFF key or Fn + appropriate key to turn it on. Increase brightness using Fn + PGUP. Charge the keyboard.
Keys are not registering or feel sticky	Debris under keys. Software conflict.	Clean the keyboard using compressed air. Restart your computer/device.

SPECIFICATIONS

Attribute	Detail
Model	RK204
Connectivity Technology	2.4G Wireless (USB Receiver)
Number of Keys	104
Backlighting	RGB (5 LED modes, 4 mixed modes)
Battery Capacity	1800mAh
Material	Acrylonitrile Butadiene Styrene (ABS)
Item Weight	2.07 pounds
Package Dimensions	17.6 x 8.43 x 1.54 inches
Compatible Devices	PC, PS4, Xbox, Windows 10/8/7/XP/VISTA, Mac OS
Included Components	USB Cable



Figure 7: Ergonomic Design and Dimensions

Warranty and Support

Rii stands behind the quality of its products. The RK204 Wireless RGB Gaming Keyboard comes with the following:

- **30-Day Return Policy:** Enjoy a 30-day no-reason return period from the date of purchase.
- **12-Month Warranty:** A 12-month warranty covers manufacturing defects and ensures product reliability.
- **Customer Service:** Our dedicated Customer Service team is available to assist you with any inquiries or issues. We aim to respond within 24 hours.

For support, please refer to the contact information provided with your product packaging or visit the official Rii website for assistance.

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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