Rii RK909ST

Rii RK909 Wired Mechanical Gaming Keyboard User Manual

Model: RK909ST

Introduction

This user manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Rii RK909 Wired Mechanical Gaming Keyboard. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

Safety Information

- Keep the keyboard away from liquids and excessive moisture.
- Avoid extreme temperatures.
- Do not attempt to disassemble or repair the keyboard yourself. Refer to the support section for assistance.
- Use only the provided Type-C cable for connection.

Package Contents

Please verify that all items are present in the package:

- 1 x Rii RK909 Mechanical Gaming Keyboard
- 1 x Type-C Cable
- 1 x User Manual (this document)
- 2 x Spare Blue Switches
- 2 x Keycap Pullers (different materials)



Image: The Rii RK909 Mechanical Gaming Keyboard, showcasing its full layout and the connected Type-C cable.

Setup

1. **Connect the Keyboard:** Insert the Type-C end of the provided cable into the charging port on the keyboard and the USB-A end into an available USB port on your computer.



Image: Side view of the keyboard highlighting the Type-C charging port and overall dimensions.

2. **System Compatibility:** The keyboard is compatible with IBM PC, Win XP, Win7, Win8, Win10, Mac, Windows, Chrome, and Linux systems.
    - To switch between Mac and Windows systems, press the **FN + WIN** keys simultaneously.
3. **Adjustable Stand:** For ergonomic comfort, extend the adjustable stands located on the underside of the keyboard.



Image: The underside of the keyboard, showing the adjustable stand in an extended position and the non-slip mat.

Operating Instructions

Backlight Modes

The Rii RK909 features 20 backlight display modes based on a fixed rainbow backlight. You can switch between these modes and adjust brightness:

- To switch backlight modes, press **Fn + INS**.
- To increase backlight brightness, press **Fn +** ↑ (Up Arrow).
- To decrease backlight brightness, press **Fn +** ↓ (Down Arrow).



Image: The keyboard displaying various LED backlight effects and illustrating the Fn key combinations for adjusting brightness and switching modes.

Multimedia Keys and Shortcuts

The keyboard includes 12 hot shortcuts accessible via the Function (Fn) key combinations:

Key Combination	Function
Fn + F1	My PC
Fn + F2	Search
Fn + F3	Calculator
Fn + F4	Media Player
Fn + F5	Previous Track

Key Combination	Function
Fn + F6	Next Track
Fn + F7	Play/Pause
Fn + F8	CD Stop
Fn + F9	Mute
Fn + F10	Volume Down
Fn + F11	Volume Up
Fn + F12	Key Lock



Image: Close-up of the keyboard's function row, detailing the multimedia key descriptions and their corresponding Fn key combinations.

Maintenance

Cleaning the Keyboard

To maintain the keyboard's appearance and functionality, regular cleaning is recommended:

- Disconnect the keyboard from your computer before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution.
- Avoid spraying liquids directly onto the keyboard.
- For dust and debris between keys, use compressed air.

DIY Customization (Keycap and Switch Replacement)

The Rii RK909 keyboard is designed for easy customization:

- **Detachable Magnetic Bezel:** The keyboard features magnetic bezels that can be easily removed or changed to customize its appearance.



Image: The keyboard with its detachable magnetic frame partially lifted, illustrating how it can be removed for customization or

cleaning.

- **Keycap Replacement:** Use the provided keycap puller to carefully remove keycaps for cleaning or replacement.
- **Switch Replacement:** The keyboard uses blue mechanical switches. Use the provided switch puller to replace individual switches if needed. Two spare blue switches are included in the package.



Image: A close-up view of the keyboard's keys, highlighting the blue mechanical switches beneath the keycaps.

Troubleshooting

Problem	Possible Cause	Solution
Keyboard not responding.	Loose cable connection, incorrect USB port, driver issue.	Ensure the Type-C cable is securely connected to both the keyboard and the computer. Try a different USB port. Restart your computer.
Backlight not working or dim.	Backlight turned off or brightness set to minimum.	Press **Fn** + ↑ to increase brightness. Press **Fn** + **INS** to cycle through backlight modes.

Problem	Possible Cause	Solution
Keys not registering or double-typing.	Debris under keycap/switch, faulty switch.	Remove the keycap and use compressed air to clean around the switch. If the issue persists, consider replacing the switch with a spare.
Keyboard not recognized on Mac/Windows.	Incorrect system mode selected.	Press **FN + WIN** to toggle between Mac and Windows compatibility modes.

Specifications

Feature	Detail
Model Number	RK909ST
Brand	Rii
Connectivity	Wired (USB-C)
Switch Type	Blue Mechanical Switches
Number of Keys	100
Backlight	20 Modes LED Backlighting (Rainbow fixed)
Compatibility	IBM PC, Win XP/7/8/10, Mac, Windows, Chrome, Linux, Smartphones
Product Dimensions	15.2 x 5.4 x 1.6 inches (38.6 x 13.7 x 4.1 cm)
Item Weight	2.46 pounds (1.11 kg)
Special Features	Ergonomic Design, Detachable Magnetic Bezel, Hot-swappable switches (with included spares)

Warranty and Support

Rii is committed to providing professional after-sales service. If you encounter any problems with your Rii RK909 Mechanical Gaming Keyboard, please do not hesitate to contact our customer support team. We will spare no effort to assist you.
For support, please refer to the contact information provided on the product packaging or the official Rii website.

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