

Razer RZ03-05000100-R3M1

Razer BlackWidow V4 75% Mechanical Gaming Keyboard Instruction Manual

Model: RZ03-05000100-R3M1

1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your Razer BlackWidow V4 75% Mechanical Gaming Keyboard. Designed for customization and immersive gaming, this compact, hot-swappable keyboard features Razer Chroma RGB lighting.



Figure 1: Razer BlackWidow V4 75% Mechanical Gaming Keyboard.

2. WHAT'S IN THE BOX

- Razer BlackWidow V4 75% Mechanical Gaming Keyboard
- USB Type-A to Type-C cable
- 2-in-1 keycap and switch puller
- Important Product Information Guide

3. SETUP

3.1 Connecting the Keyboard

1. Connect the USB Type-C end of the provided cable to the USB-C port on the keyboard.
2. Connect the USB Type-A end of the cable to an available USB port on your computer.
3. The keyboard will automatically be detected and configured by your operating system.

3.2 Attaching the Wrist Rest

For enhanced comfort during extended use, attach the magnetic plush leatherette wrist rest to the front edge of the keyboard. The magnets will secure it in place.

MAGNETIC PLUSH LEATHERETTE WRIST REST

For extra gaming comfort



Figure 2: Magnetic Plush Leatherette Wrist Rest for ergonomic support.

4. OPERATING INSTRUCTIONS

4.1 Basic Keyboard Functions

The Razer BlackWidow V4 75% functions as a standard QWERTY keyboard. All keys are pre-programmed for their respective character inputs. Special functions are accessible via the Function (Fn) key combinations.

4.2 Multi-Function Roller and Media Keys

The keyboard features a multi-function roller and dedicated media keys for convenient control over audio and other settings.

- **Multi-Function Roller:** Typically controls volume (rotate) and mute/unmute (press).

- **Media Keys:** Dedicated buttons for play/pause, skip track, and previous track.

MULTI-FUNCTION ROLLER AND MEDIA KEYS

For convenient control



Figure 3: Multi-function roller and media keys for quick adjustments.

5. CUSTOMIZATION

5.1 Hot-Swappable Design

The keyboard's hot-swappable design allows for easy replacement of its pre-loaded switches with custom 3-pin or 5-pin switches. Use the included 2-in-1 keycap and switch puller for this process.

1. Carefully remove the keycap using the keycap puller.
2. Use the switch puller to gently extract the switch from the PCB.
3. Align the pins of the new switch with the sockets on the PCB and press firmly until it clicks into place.
4. Replace the keycap.

HOT-SWAPPABLE DESIGN

With pre-loaded Razer Orange Tactile
Switches Gen-3



Figure 4: Demonstrating the hot-swappable switch feature.

5.2 Razer Chroma RGB Lighting

The keyboard features per-key lighting and a 2-side RGB underglow, powered by Razer Chroma RGB. Lighting effects can be customized and synchronized with other compatible devices using the Razer Synapse software.

2-SIDE UNDERGLOW WITH PER-KEY LIGHTING

Powered by Razer Chroma RGB



Figure 5: Razer Chroma RGB lighting in action.

5.3 Optimized Typing Experience

The keyboard is engineered for a satisfying typing experience, featuring a gasket-mounted FR4 plate, tape-enhanced PCB, lubricated stabilizers, and two layers of sound-dampening foam.

OPTIMIZED TYPING EXPERIENCE

With satisfying acoustics

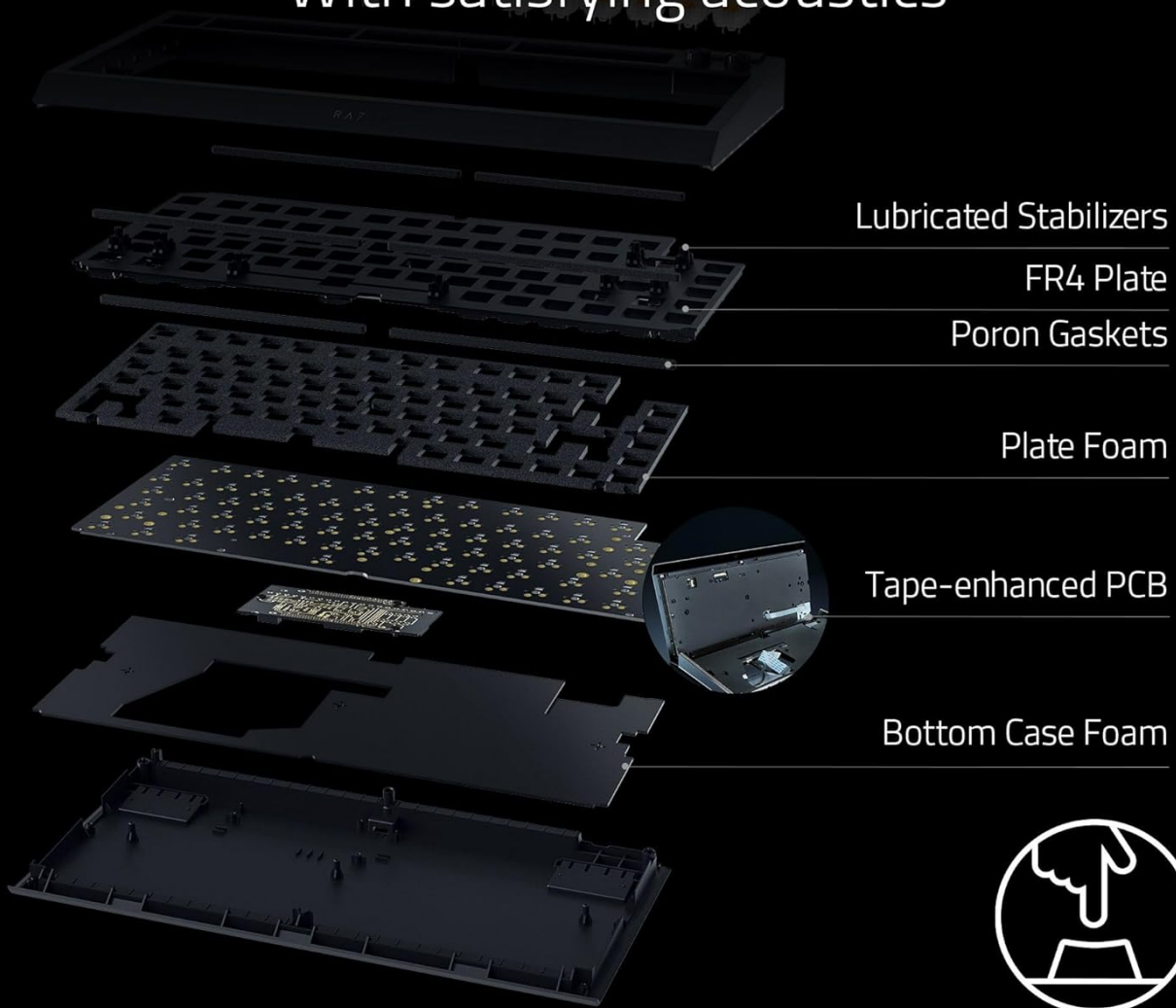


Figure 6: Internal components contributing to the optimized typing experience.

5.4 Compact 75% Layout

The 75% layout offers a balance of functionality and space-saving design, ideal for setups where desk space is limited while retaining essential command keys.

COMPACT 75% LAYOUT WITH ALUMINUM TOP CASE

For balanced functionality and greater durability



Figure 7: Compact 75% layout for balanced functionality and durability.

5.5 ASMR Typing Video

Your browser does not support the video tag.

Video 1: An ASMR typing demonstration of the Razer BlackWidow V4 75% keyboard, highlighting its acoustic properties.

6. MAINTENANCE

6.1 Cleaning the Keyboard

- Disconnect the keyboard from your computer before cleaning.
- Use a soft, damp cloth to wipe down the keycaps and chassis. Avoid excessive moisture.
- For dust and debris between keys, use compressed air or a soft brush.
- Do not use harsh chemicals or abrasive materials.

6.2 Switch and Keycap Care

When replacing switches or keycaps, handle them gently to avoid damaging the switch pins or keycap stems. Ensure proper alignment before pressing components into place.

7. TROUBLESHOOTING

7.1 Keyboard Not Responding

- Ensure the USB cable is securely connected to both the keyboard and the computer.
- Try connecting the keyboard to a different USB port on your computer.
- Test the keyboard on another computer to rule out system-specific issues.
- If using a USB hub, try connecting directly to the computer.

7.2 RGB Lighting Issues

- Ensure Razer Synapse software is installed and up to date.
- Check lighting settings within Razer Synapse to confirm desired effects are enabled.
- Restart your computer and the Razer Synapse software.

7.3 USB Port Disconnection (Intermittent)

If the keyboard intermittently disconnects, especially when the cable moves, ensure the USB-C cable is fully inserted and not damaged. Try a different USB-C cable if available. This can sometimes indicate a loose connection or a faulty cable/port.

8. SPECIFICATIONS

Brand	Razer
Series	BlackWidow V4 75%
Model Number	RZ03-05000100-R3M1
Hardware Platform	PC
Item Weight	3.37 pounds
Product Dimensions	14.96 x 7.68 x 3.03 inches
Color	Black
Power Source	Wired
Connectivity Technology	USB-A
Keyboard Description	Gaming
Special Feature	Hot-Swappable
Keyboard Backlighting	RGB
Style	Compact
Material	Aluminum, Leatherette, Durable Plastic

9. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the 'Important Product Information Guide' included in your product packaging or visit the official Razer support website. Razer provides customer support and resources for troubleshooting and product assistance.

Online Support: www.razer.com/support