

Razer RZ03-00380100-R3U1

Razer BlackWidow Ultimate Mechanical Gaming Keyboard

MODEL: RZ03-00380100-R3U1 USER MANUAL

1. Introduction

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Razer BlackWidow Ultimate Mechanical Gaming Keyboard. Please read this manual thoroughly to ensure proper use and to maximize your gaming and typing experience.

2. Product Overview

Key Features:

- **Mechanical Key Architecture:** Designed for superior tactility and faster response times.
- **Fully Programmable Keys:** Includes 5 additional gaming keys with on-the-fly macro recording capabilities.
- **Individually Backlit Keys:** Features customizable backlighting for enhanced visibility in various lighting conditions.
- **Razer Mechanical Switches:** Equipped with 50g actuation force for optimal gaming performance.

What's in the Box:

- Razer BlackWidow Ultimate Mechanical Gaming Keyboard
- USB Cable (integrated)



Figure 2.1: Razer BlackWidow Ultimate Mechanical Gaming Keyboard with blue backlighting activated.

3. Setup

1. **Connect the Keyboard:** Plug the integrated USB cable from the keyboard into an available USB port on your computer. The keyboard is plug-and-play for basic functionality.
2. **Install Razer Synapse Software:** For full functionality, including macro programming, backlighting customization, and profile management, download and install the Razer Synapse software from the official Razer website (www.razer.com/synapse). Follow the on-screen instructions for installation.
3. **Driver Installation:** Upon connecting the keyboard and installing Synapse, the necessary drivers will be automatically detected and installed. Firmware updates may also be prompted through Synapse.



Figure 3.1: Razer BlackWidow Ultimate Mechanical Gaming Keyboard in a powered-off state or with backlighting disabled.

4. Operating Instructions

4.1 Backlighting Control:

- The keyboard features individually backlit keys.
- Adjust backlighting intensity using the dedicated function keys (usually Fn + F11 for decrease, Fn + F12 for increase).
- Further customization, including brightness levels and lighting effects, can be configured through the Razer Synapse software.

4.2 Macro Recording:

The keyboard supports on-the-fly macro recording without software, as well as advanced macro programming via Razer Synapse.

- **On-the-Fly Recording:** Press Fn + G to initiate recording. Select a macro key (M1-M5) to assign the macro. Type your desired key sequence. Press Fn + G again to stop recording.
- **Synapse Macro Editor:** For complex macros with precise timing and delays, use the Macro module within Razer Synapse.

4.3 Gaming Mode:

- Activate Gaming Mode (Fn + F10) to disable the Windows key and other potentially disruptive key combinations during gameplay.
- This prevents accidental interruptions to your gaming session.

4.4 Multimedia Keys:

- Utilize the function keys (Fn + F1-F7) for multimedia control, including volume adjustment, play/pause, stop, and track navigation.

- Note: Specific software (e.g., iTunes) may require additional configuration or plugins for full multimedia key compatibility. Refer to Razer support for details.



Figure 4.1: Angled view of the Razer BlackWidow Ultimate, highlighting the key layout and backlighting.

5. Maintenance

- **Cleaning the Keyboard:** Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe down the keys and chassis. Avoid harsh chemicals.
- **Glossy Surfaces:** The keyboard features glossy surfaces that may attract fingerprints and dust. Regular cleaning is recommended to maintain its appearance.
- **Dust Removal:** Use compressed air to remove dust and debris from between the keycaps.
- **Cable Care:** Avoid sharp bends or excessive pulling on the braided USB cable to prevent damage.

6. Troubleshooting

- **Keyboard Not Responding:** Ensure the USB cable is securely connected to your computer. Try a different USB port. Restart your computer.
- **Backlighting Not Working:** Check backlighting intensity settings using Fn + F11/F12. Verify settings within Razer Synapse.
- **Accidental Windows Key Presses:** Activate Gaming Mode (Fn + F10) to disable the Windows key during gaming.
- **Keys Registering Incorrectly or Sticking:** Ensure the keyboard is clean and free of debris. If the issue persists, try reinstalling Razer Synapse or updating keyboard firmware.
- **Software Issues:** If Razer Synapse is not functioning correctly, try reinstalling the software. Ensure your operating system is up to date.
- **Persistent Issues:** If you encounter problems not resolved by the above steps, please contact Razer Support for further assistance.

7. Specifications

Feature	Detail
Model Number	RZ03-00380100-R3U1
Keyboard Type	Mechanical Gaming Keyboard
Switch Type	Razer Mechanical Switches (50g actuation force)
Connectivity	USB
Backlighting	Individually backlit keys (Single Color)
Programmable Keys	5 additional macro keys with on-the-fly recording
Product Dimensions	18.7" L x 6.73" W x 1.18" H (approx.)
Item Weight	5.3 pounds
Supported Languages	English, French, Spanish

8. Warranty and Support

Razer products are built to the highest standards and come with a limited manufacturer's warranty. For detailed warranty information, please refer to the warranty card included with your product or visit the official Razer website.

For technical support, driver downloads, and frequently asked questions, please visit the Razer Support page:

support.razer.com

You can also contact Razer customer service directly through their website for personalized assistance.