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Razer BlackWidow V4 X

Razer BlackWidow V4 X Mechanical Gaming Keyboard User Manual

1. INTRODUCTION

The Razer BlackWidow V4 X is an advanced mechanical gaming keyboard designed for enhanced control and immersive gaming experiences. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your keyboard.



Figure 1: Top-down view of the Razer BlackWidow V4 X Mechanical Gaming Keyboard showcasing its full layout and customizable RGB lighting.

2. PACKAGE CONTENTS

- Razer BlackWidow V4 X Mechanical Gaming Keyboard
- Important Product Information Guide

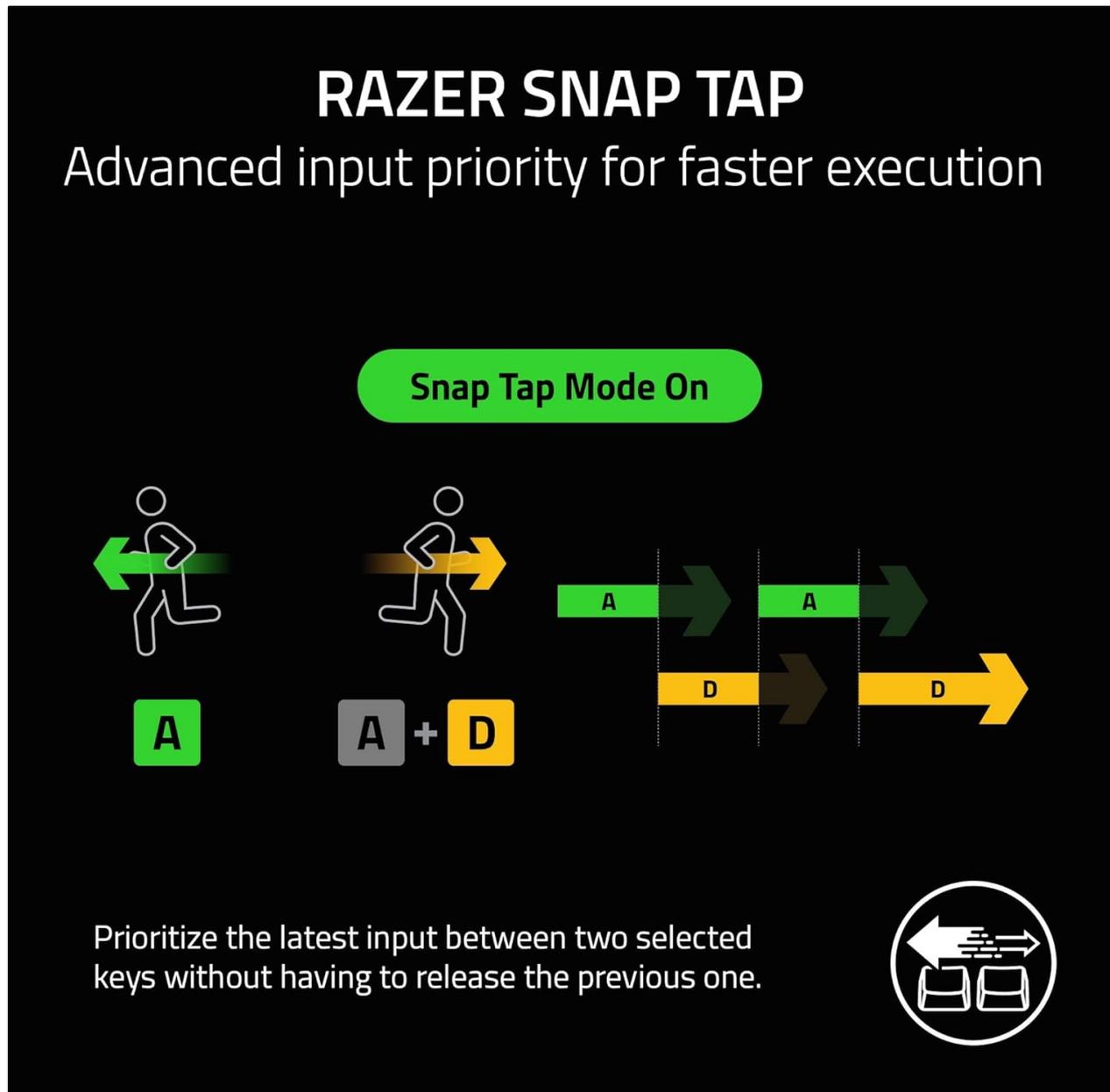
3. SETUP

3.1 Physical Connection

1. Unpack the Razer BlackWidow V4 X keyboard from its packaging.
2. Connect the keyboard's USB-A cable to an available USB port on your PC.
3. The keyboard will automatically install necessary drivers.

3.2 Cable Management

The keyboard features integrated cable routing channels on its underside. Route the USB cable through one of the three available positions (left, center, or right) to maintain a tidy desktop setup.



RAZER SNAP TAP
Advanced input priority for faster execution

Snap Tap Mode On

The graphic illustrates the Snap Tap feature. It shows a runner moving left (Action A) and then right (Action D). Below the runner, a green box labeled 'A' and a yellow box labeled 'D' are shown. A plus sign is between them, indicating they can be combined. To the right, a timeline shows two overlapping arrows: a green arrow 'A' and a yellow arrow 'D'. The yellow arrow 'D' starts while the green arrow 'A' is still active, demonstrating that the latest input (D) is prioritized. A circular icon at the bottom right shows two keyboard keys with arrows pointing in opposite directions, representing the Snap Tap function.

Figure 2: The underside of the keyboard with cable routing options and adjustable feet for ergonomic positioning.

3.3 Adjusting Keyboard Angle

The keyboard is equipped with adjustable feet that offer two different typing angles: 6 degrees and 9 degrees. Extend the feet to your preferred angle for optimal ergonomic comfort.

4. KEY FEATURES

4.1 Razer Green Mechanical Clicky Switches

Experience precise inputs with satisfying tactile feedback and a distinct click sound. These switches feature a 1.9mm actuation point and require 50g of force.



Figure 3: Close-up view of Razer Green Mechanical Switches, known for their tactile and clicky feedback.

4.2 6 Dedicated Macro Keys

The keyboard includes six dedicated macro keys (M1-M6) located on the left side. These keys can be programmed via Razer Synapse to execute complex commands or shortcuts instantly, enhancing your gameplay or workflow.

6 DEDICATED MACRO KEYS

For customizable control at your fingertips



Figure 4: The six dedicated macro keys (M1-M6) positioned on the left edge of the keyboard for easy access.

4.3 Multi-Function Roller & Secondary Media Keys

Conveniently control your media with the multi-function roller and secondary media keys. These allow you to pause, play, skip tracks, and adjust volume or brightness without interrupting your activity.

MULTI-FUNCTION ROLLER AND SECONDARY MEDIA KEYS

For convenient control



Figure 5: The multi-function roller and dedicated media keys for quick audio and video control.

4.4 Razer Chroma RGB Per-Key Lighting

Customize each key with over 16.8 million colors and a suite of lighting effects. The switch construction promotes brighter, more even lighting, and dynamic lighting is available for hundreds of Chroma-integrated games.



Figure 6: The keyboard illuminated with Razer Chroma RGB lighting, showcasing per-key customization.

4.5 Doubleshot ABS Keycaps

The keycaps are manufactured using a doubleshot molding process, ensuring that the legends (characters) never wear off. They also feature extra-thick walls for enhanced durability, designed to withstand intense gaming sessions.

DOUBLESHOT ABS KEYCAPS

To withstand intense use

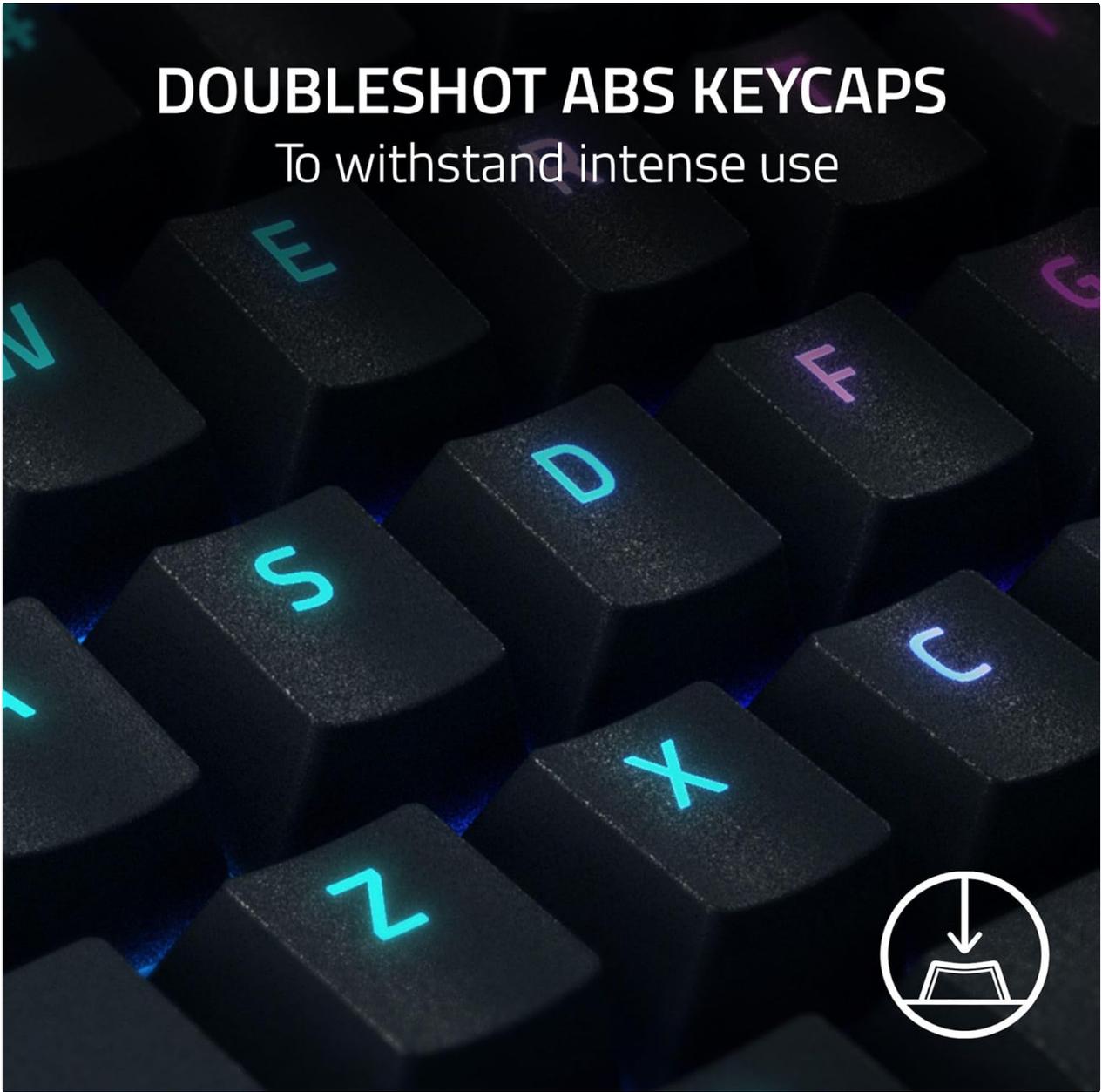


Figure 7: Detailed view of the Doubleshot ABS Keycaps, highlighting their robust construction.

4.6 Sound Dampening Foam and Lubricated Stabilizers

The keyboard incorporates sound dampening foam and lubricated stabilizers to improve keyboard acoustics, providing a more refined and quieter typing experience.

SOUND DAMPENING FOAM AND LUBRICATED STABILIZERS

For improved keyboard acoustics



Figure 8: The keyboard's internal design includes sound dampening foam and lubricated stabilizers for improved typing acoustics.

4.7 Razer Snap Tap

Razer Snap Tap provides advanced input priority for faster execution. This feature allows you to prioritize the latest input between two selected keys without needing to release the previous one, offering a competitive edge in fast-paced scenarios.

5. OPERATING INSTRUCTIONS

5.1 Razer Synapse 3 Software

To unlock the full customization potential of your Razer BlackWidow V4 X, download and install Razer Synapse 3 from the official Razer website. This software allows for:

- **Key Remapping:** Assign any key to perform a different function, including keyboard functions, mouse functions, multimedia controls, Windows shortcuts, or text functions.
- **Macro Recording:** Create and assign complex sequences of keystrokes and mouse clicks to the dedicated macro keys.

- **Razer Chroma RGB Customization:** Personalize per-key backlighting with various effects, colors, and dynamic lighting profiles.
- **Profiles:** Create and save multiple profiles for different games or applications. Profiles can be linked to specific games to automatically activate when the game is launched.
- **Razer Hypershift:** Assign a Hypershift modifier key to effectively double the number of customizable buttons on your keyboard, providing a secondary set of functions for almost every key.
- **Gaming Mode:** Disable specific keys (e.g., Windows Key, Alt+Tab, Alt+F4) during gaming to prevent accidental interruptions.

5.2 On-the-Fly Brightness Adjustment

You can adjust the keyboard's backlighting brightness directly from the keyboard:

- To decrease brightness: Press the **Fn** key + **F11** key.
- To increase brightness: Press the **Fn** key + **F12** key.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Razer BlackWidow V4 X keyboard, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the keyboard with a soft, lint-free cloth. For stubborn dirt, lightly dampen the cloth with water or a mild cleaning solution. Avoid harsh chemicals or abrasive materials.
- **Keycap Care:** The Doubleshot ABS keycaps are designed for durability. If needed, they can be carefully removed for deeper cleaning using a keycap puller (not included).
- **Avoid Spills:** Keep liquids away from the keyboard to prevent damage to internal components.
- **Storage:** When not in use, store the keyboard in a clean, dry environment away from extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues with your Razer BlackWidow V4 X, consider the following:

- **Keyboard Not Responding:** Ensure the USB cable is securely connected to both the keyboard and your PC. Try connecting to a different USB port.
- **Keys Unresponsive or Double Pressing:** This can sometimes be resolved by cleaning around the affected key switches. If the issue persists, ensure your Razer Synapse 3 software and keyboard firmware are up to date.
- **Lighting Issues:** Check Razer Synapse 3 for lighting settings and profiles. Ensure brightness is not set to zero. Update Synapse and firmware if necessary.
- **Software Not Detecting Keyboard:** Reinstall Razer Synapse 3. Ensure your operating system is up to date.

For further assistance, refer to the Razer support website or contact customer service.

8. SPECIFICATIONS

Feature	Detail
Brand	Razer

Model Number	RZ03-04700200-R3U1
Series	BlackWidow V4 X
Switch Type	Razer Green Mechanical Clicky Switches
Keycaps	Doubleshot ABS Keycaps
Lighting	Razer Chroma RGB Per-Key Lighting
Macro Keys	6 Dedicated Macro Keys
Media Controls	Multi-Function Roller & Secondary Media Keys
Connectivity	Wired (USB-A)
Hardware Platform	PC
Operating System	Windows 10
Item Weight	2.51 pounds
Product Dimensions	18.36 x 6.01 x 1.71 inches

9. WARRANTY AND SUPPORT

Razer products come with a limited manufacturer's warranty. For detailed warranty information, product registration, and technical support, please visit the official Razer support website. Keep your proof of purchase for warranty claims.

For the latest drivers, software, and FAQs, visit: www.razer.com