

Razer RZ04-03220300-R3U1

Razer BlackShark V2 Pro Wireless Gaming Headset User Manual

Model: RZ04-03220300-R3U1

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1. INTRODUCTION

The Razer BlackShark V2 Pro is a high-performance wireless gaming headset designed for competitive esports. It features THX 7.1 Spatial Surround Sound, 50mm Razer Triforce Titanium Drivers, and a detachable Razer HyperClear Supercardioid Mic, providing exceptional audio clarity and communication. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your headset to ensure optimal performance.

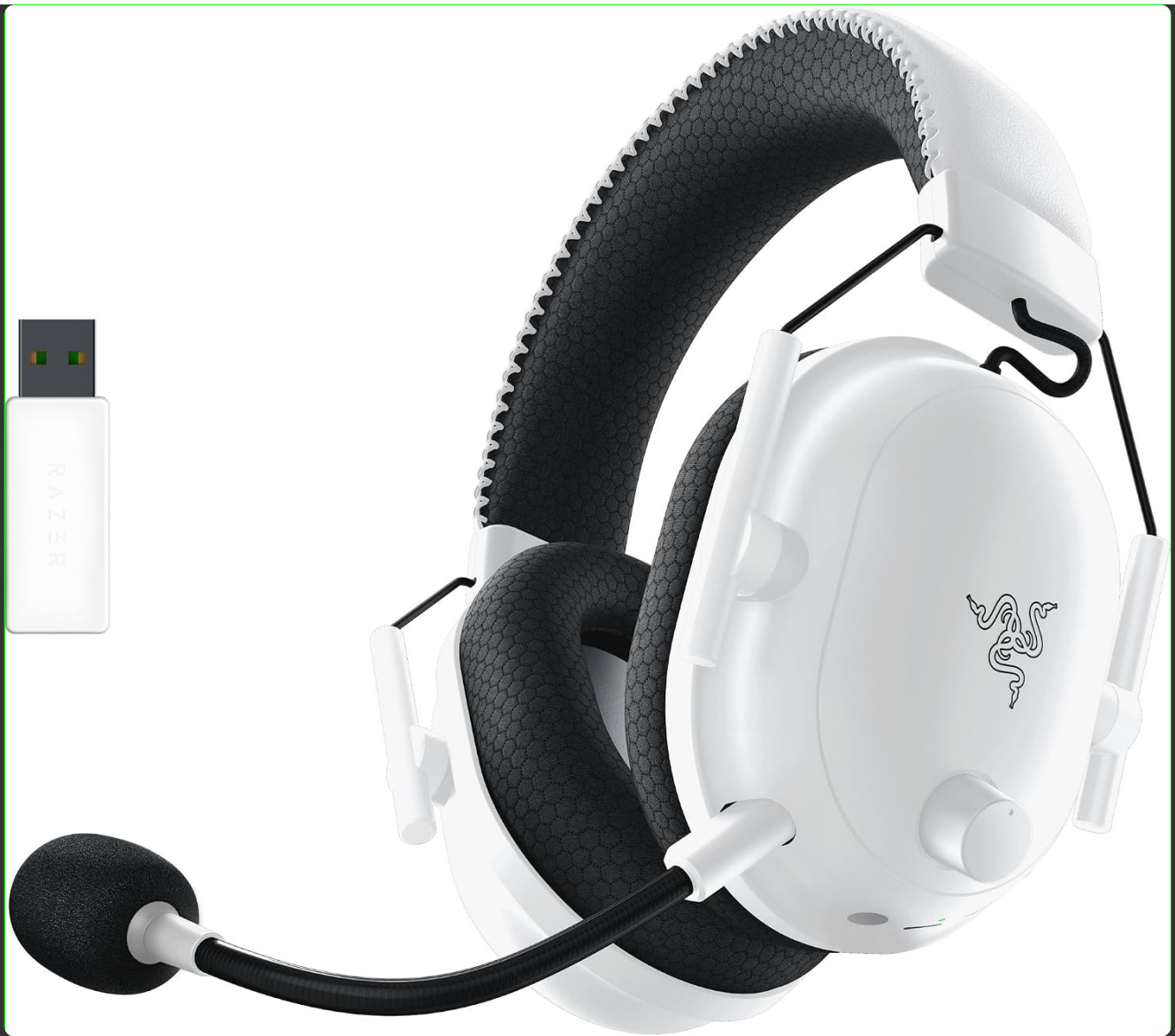


Image: The Razer BlackShark V2 Pro Wireless Gaming Headset in white, showcasing its design with the detachable microphone and the accompanying USB wireless transceiver.

2. WHAT'S IN THE BOX

Verify that all components are present in your package:

- Razer BlackShark V2 Pro Headset
- Removable Razer HyperClear Supercardioid Mic
- USB wireless transceiver
- Charging Cable (USB-A to Micro-USB)
- User Manual

3. SETUP

3.1 Charging the Headset

Before first use, fully charge your Razer BlackShark V2 Pro headset. Connect the included charging cable to the headset's Micro-USB port and the other end to a powered USB port (e.g., computer, USB wall adapter). The LED indicator on the headset will show charging status.

3.2 Connecting to PC/PS5/PS4/Switch (Wireless)

1. Insert the USB wireless transceiver into an available USB port on your PC, PlayStation console, or Nintendo Switch dock.
2. Power on the Razer BlackShark V2 Pro headset by pressing and holding the power button until the LED indicator lights up.
3. The headset should automatically pair with the transceiver. A solid green LED on the headset indicates a successful connection.
4. On your device, ensure the Razer BlackShark V2 Pro is selected as the default audio input and output device.

RAZER™ HYPERSPEED WIRELESS TECHNOLOGY

Lossless audio for low-latency wireless gaming

**UP TO 24 HOURS OF
UNINTERRUPTED GAMEPLAY**

**COMPATIBLE WITH
PS5 & PS4**



Image: The Razer BlackShark V2 Pro headset displayed on a stand in a gaming environment, illustrating its wireless capabilities and compatibility with various gaming platforms.

3.3 Connecting to Devices (Wired)

For wired connection, simply plug a 3.5mm audio cable (not included) into the headset's 3.5mm jack and the other end into your device's audio output. The wireless features will be disabled in wired mode.

4. OPERATING INSTRUCTIONS

4.1 Headset Controls

- **Volume Control Dial:** Located on the left earcup, rotate to adjust the master volume.
- **Mic Mute Button:** Press to mute/unmute the microphone. The LED on the microphone tip will indicate mute status.
- **Power Button:** Press and hold to power on/off. A quick press can also function as a play/pause or answer/end call button depending on the connected device.
- **THX Spatial Audio Button:** Press to toggle THX Spatial Audio on/off (PC only, requires Razer Synapse software).

4.2 Detachable Razer HyperClear Supercardioid Mic

The headset features a detachable microphone for clear voice communication. To attach, align the microphone's connector with the port on the left earcup and push firmly until it clicks into place. To detach, gently pull the microphone straight out.

RAZER™ HYPERCLEAR SUPERCARDIOID MIC

for ultra-clear voice quality and advanced mic controls

**EQUIPPED WITH A FOAM
POP FILTER FOR NOISE SUPPRESSION**

**FULLY DETACHABLE
DESIGN**



Image: A diagram illustrating the supercardioid pickup pattern of the Razer HyperClear microphone, designed for focused voice capture and noise suppression.

4.3 Razer Triforce Titanium 50mm Drivers

Experience superior audio performance with the custom-tuned 50mm drivers. These drivers are designed to deliver clear highs, balanced mids, and powerful bass for an immersive gaming experience.

RAZER™ TRIFORCE TITANIUM 50MM DRIVERS

for high-end audio performance

PATENTED DESIGN FOR
PRECISE SOUND TUNING

TITANIUM COATING ENABLES
ADDED CLARITY



Image: An exploded view of the Razer Triforce Titanium 50mm driver, highlighting its three-part design for individual tuning of audio frequencies (highs, mids, lows).

4.4 THX Spatial Audio

For PC users, enable THX Spatial Audio via Razer Synapse software to experience advanced positional audio, providing a competitive edge in games by accurately pinpointing enemy locations and environmental cues.

4.5 Comfort Features

The headset is equipped with ultra-soft breathable memory foam ear cushions that prevent overheating and pressure build-up during extended use. The lightweight design ensures long-lasting comfort.

ULTRA-SOFT BREATHABLE MEMORY FOAM EAR CUSHIONS

for premium comfort

BREATHABLE MATERIAL TO
REDUCE HEAT BUILDUP

FORM-FITTING
OVAL DESIGN



Image: A close-up view of the ultra-soft breathable memory foam ear cushions, emphasizing their material and oval design for enhanced comfort and heat reduction.

4.6 Noise Cancellation

The headset features advanced passive noise cancellation, effectively blocking ambient noise from your surroundings and providing a secure seal to reduce sound leakage, allowing for uninterrupted focus during gameplay.

ADVANCED PASSIVE NOISE CANCELLATION

for uninterrupted focus

**BLOCKS AMBIENT NOISE
FROM SURROUNDINGS**

**SECURE SEAL REDUCES
SOUND LEAKAGE**



Image: The Razer BlackShark V2 Pro headset positioned on a desk, demonstrating its design for advanced passive noise cancellation, which helps block ambient sounds and reduce sound leakage.

4.7 Official Product Video

Watch the official product video for a visual overview of the Razer BlackShark V2 Pro's key features and benefits.

Your browser does not support the video tag.

Video: An official promotional video for the Razer BlackShark V2 Pro, showcasing its design, audio capabilities, and microphone performance.

5. MAINTENANCE

5.1 Cleaning

- Use a soft, dry cloth to clean the headset.
- Do not use harsh chemicals or abrasive materials.

- For ear cushions, gently wipe with a damp cloth and allow to air dry completely before use.

5.2 Storage

Store the headset in a cool, dry place away from direct sunlight and extreme temperatures. When not in use, it is recommended to store it in a protective case (if available) to prevent damage.

6. TROUBLESHOOTING

Issue	Possible Solution
No audio from headset	◦ Ensure the headset is powered on and fully charged. ◦ Verify the USB wireless transceiver is securely plugged in. ◦ Check if the headset is selected as the default audio output device in your system settings. ◦ Adjust the volume control dial on the headset. ◦ Try re-pairing the headset with the transceiver (refer to Razer support for specific steps).
Microphone not working	◦ Ensure the microphone is securely attached. ◦ Check if the mic mute button is engaged (LED on mic tip should be off when unmuted). ◦ Verify the headset is selected as the default audio input device in your system settings. ◦ Test the microphone in another application or device.
Poor wireless connection/disconnections	◦ Ensure the headset is within range of the USB wireless transceiver. ◦ Avoid obstacles or other wireless devices that may cause interference. ◦ Try plugging the transceiver into a different USB port. ◦ Ensure the headset is fully charged.
Headset not charging	◦ Ensure the charging cable is properly connected to both the headset and a powered USB port. ◦ Try a different USB port or charging cable. ◦ Check for any debris in the charging port.

7. SPECIFICATIONS

Feature	Detail
Model Name	BlackShark V2 Pro (2020)

Feature	Detail
Model Number	RZ04-03220300-R3U1
Connectivity Technology	Wireless (2.4 GHz Razer HyperSpeed Wireless), Wired (3.5 mm Jack)
Audio Driver Type	Dynamic Driver
Audio Driver Size	50 Millimeters (Razer Triforce Titanium)
Frequency Response	12 Hz – 28 kHz
Impedance	32 Ohm
Sensitivity	100 dB
Microphone	Detachable Razer HyperClear Supercardioid Mic
Noise Control	Sound Isolation (Passive Noise Cancellation)
Ear Placement	Over-ear
Ear Cushion Material	Memory foam (breathable fabric)
Battery Life	Up to 24 hours
Charging Time	Approximately 15 minutes for quick charge (full charge time not specified, but implies longer)
Item Weight	11.4 ounces (0.71 Pounds)
Product Dimensions	6.5 x 7.88 x 3.94 inches
Compatible Devices	PC, PlayStation 4, PlayStation 5, Nintendo Switch, Laptops, Desktops, Mac

8. WARRANTY AND SUPPORT

Razer products come with a limited warranty. For detailed warranty information, please visit the official Razer website or refer to the warranty card included with your product. Keep your proof of purchase for warranty claims.

8.1 Technical Support

If you encounter any issues not covered in the troubleshooting section, or require further assistance, please contact Razer Customer Support:

- **Online Support:** Visit the official Razer Support website for FAQs, drivers, and software downloads.
support.razer.com
- **User Manual (PDF):** A downloadable PDF version of the user manual is available for your convenience.
[Download PDF Manual](#)

For the latest software and firmware updates, please visit the Razer Synapse page on the official Razer website.

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