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Razer RZ04-04960100-R3U1

Razer BlackShark V2 HyperSpeed Wireless Gaming Headset

Model: RZ04-04960100-R3U1

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1. OVERVIEW

The Razer BlackShark V2 HyperSpeed is a wireless ultra-lightweight esports headset designed for competitive play. It offers high-performance audio and clear communication capabilities, focusing on comfort and minimal weight for extended gaming sessions.



Image: The Razer BlackShark V2 HyperSpeed Wireless Gaming Headset in black, shown with its detachable HyperClear Super Wideband Mic, a USB-C charging cable, and the HyperSpeed Wireless Dongle. The headset features large, comfortable earcups and a padded headband.

Key Features:

- **280g Ultra-Lightweight Design:** Optimized for comfort during prolonged use.
- **HyperClear Super Wideband Mic:** Captures detailed voice input for clear communication.
- **Triforce Titanium 50mm Drivers:** Tuned for rich trebles, bright midrange, and powerful bass.
- **HyperSpeed Wireless Technology:** Industry-leading 2.4 GHz wireless connection for low-latency performance.
- **Noise-Isolating Earcups with Ultra-Soft Memory Foam:** Provides comfort and blocks distractions.
- **70 Hours of Battery Life:** Extended usage on a single charge with USB Type-C charging.

2. WHAT'S IN THE BOX

Upon unboxing your Razer BlackShark V2 HyperSpeed, you should find the following components:

- Razer BlackShark V2 HyperSpeed wireless headset
- Razer HyperSpeed Wireless Dongle

- USB Type A to USB Type C charging cable
- User Manual (this document)

70 HOURS OF BATTERY LIFE WITH TYPE C CHARGING

For multi-day use on a single charge



Image: The Razer BlackShark V2 HyperSpeed Headset laid flat, accompanied by its USB-C charging cable (coiled with a Razer branded tie) and the HyperSpeed Wireless Dongle. These are the primary items included in the product packaging.

3. SETUP

3.1. Charging the Headset

Before initial use, fully charge your headset. Connect the provided USB Type A to USB Type C charging cable to the USB-C port on the headset and a compatible USB power source (e.g., computer USB port, wall adapter).

- A full charge provides up to 70 hours of battery life.
- The LED indicator on the headset will show charging status.

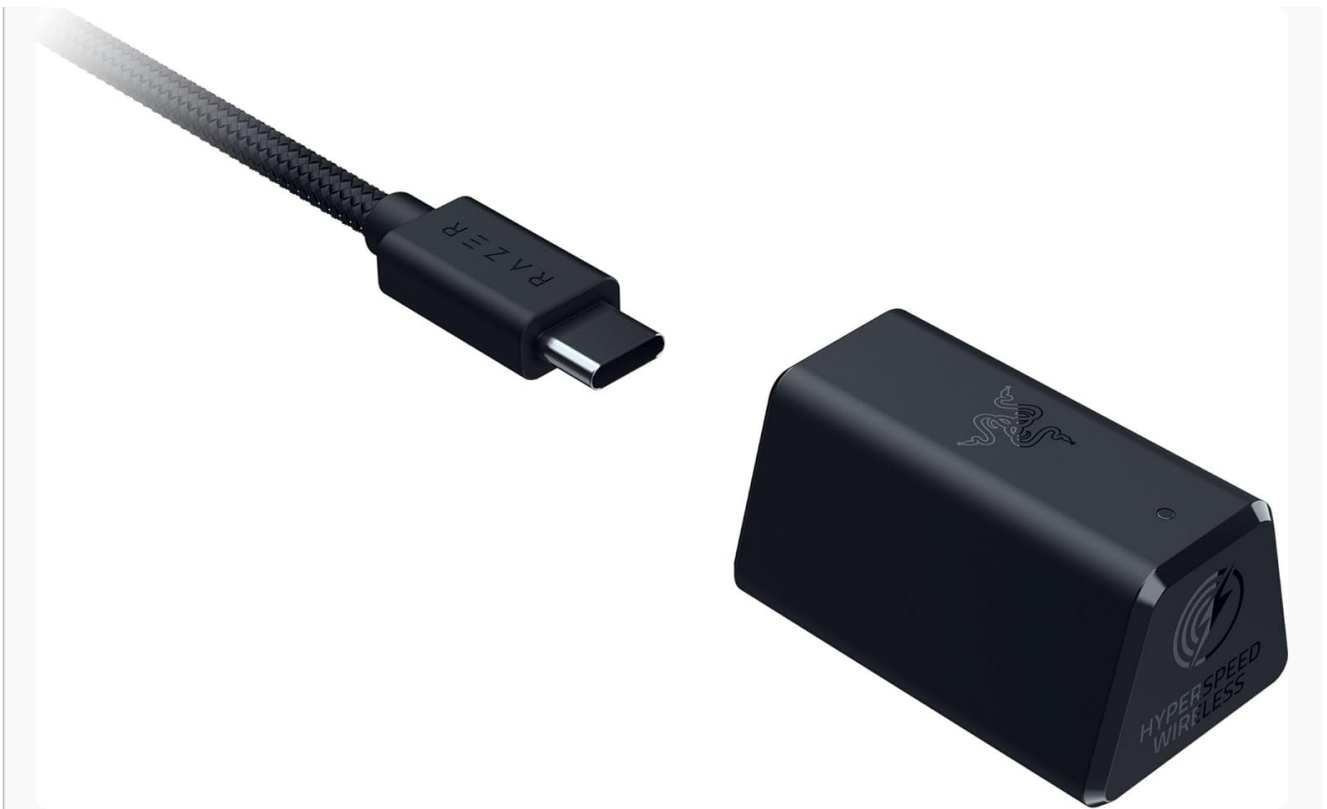


Image: A close-up view of the Razer HyperSpeed Wireless Dongle and the braided USB Type A to USB Type C charging cable. The dongle is compact and black, featuring the HyperSpeed Wireless logo.

3.2. Connectivity Options

The Razer BlackShark V2 HyperSpeed offers multiple connectivity modes:

1. **HyperSpeed Wireless (2.4 GHz - Recommended for Gaming):**

For optimal low-latency performance, use the included Razer HyperSpeed Wireless Dongle. Plug the dongle into an available USB Type A port on your PC or compatible device. The headset will automatically connect.

RAZER HYPERSPEED WIRELESS TECHNOLOGY

For maximum responsiveness and
reliability



Image: The Razer BlackShark V2 HyperSpeed Headset positioned next to a Razer HyperSpeed Wireless Dongle, illustrating the wireless connectivity feature. The headset is black with a detachable microphone.

2. **Bluetooth 5.2:**

For mobile devices or other Bluetooth-enabled platforms, activate Bluetooth pairing mode on the headset (refer to Operating Instructions for controls) and select "Razer BlackShark V2 HyperSpeed" from your device's Bluetooth settings.

3. **Wired (3.5mm Jack):**

The headset can also be used in wired mode via a 3.5mm audio jack (cable not included, but compatible with standard 3.5mm cables). This provides universal compatibility with various devices.

4. OPERATING INSTRUCTIONS

4.1. Headset Controls

The headset features intuitive onboard controls for easy management of audio and microphone settings:

- **Volume Control Knob:** Located on the left earcup, rotate to adjust volume.
- **Power Button:** Press and hold to power on/off the headset.
- **Mute Button:** Press to mute/unmute the microphone.

- **EQ Mode Button:** Located on the right earcup, press to cycle through different equalizer settings (Game, Music, Movie, Custom).



Image: A front-facing view of the Razer BlackShark V2 HyperSpeed Headset, highlighting the volume control knob and the mute button on the left earcup. A green LED indicator is visible, indicating power status.

4.2. Comfort and Design

The BlackShark V2 HyperSpeed is engineered for maximum comfort during extended use:

- **Lightweight Construction:** Weighing only 280 grams, it minimizes pressure on the head.
- **Memory Foam Cushions:** Both the headband and earcups feature ultra-soft memory foam for a comfortable fit.
- **Breathable Fabric Earcups:** The earcups are covered in a silky cloth material that is breathable and easy to clean.
- **Adjustable Headband:** The headband can be adjusted to fit various head sizes, ensuring a secure yet comfortable fit.

280 G ULTRA-LIGHTWEIGHT DESIGN

For all-day gaming without fatigue



Image: The Razer BlackShark V2 HyperSpeed Headset is shown from a side angle, emphasizing its lightweight design. The padded headband and earcups are visible, designed for comfort during long gaming sessions.

NOISE-ISOLATING EARCUPS WITH ULTRA-SOFT MEMORY FOAM

For uninterrupted focus and
long-lasting comfort



Image: A close-up of the Razer BlackShark V2 HyperSpeed Headset's earcup, showcasing the ultra-soft memory foam and breathable fabric. This design contributes to noise isolation and prolonged comfort.

4.3. Audio and Microphone Performance

- **THX Spatial Audio:** Provides immersive surround sound for enhanced gaming awareness.
- **Clear Audio:** The 50mm drivers deliver crisp, clear, and balanced sound across all frequencies (12 Hz – 28 kHz).
- **Crystal Clear Communication:** The HyperClear Super Wideband Mic ensures your voice is transmitted with high definition and clarity, minimizing background noise.
- **Passive Noise Isolation:** The design of the earcups provides excellent passive noise isolation, allowing you to focus on your game without distractions.

RAZER HYPERCLEAR SUPER WIDEBAND MIC

For high-definition, pro-level voice quality



Image: A close-up of the Razer HyperClear Super Wideband Mic, attached to the BlackShark V2 HyperSpeed Headset. The microphone features a foam cover for improved voice capture and clarity.

RAZER TRIFORCE TITANIUM 50 MM DRIVERS

For clear and powerful sound



Image: An exploded view of the Razer Triforce Titanium 50mm Drivers, showing the individual components that contribute to the headset's clear and powerful sound output. This illustrates the advanced driver technology.

5. SPECIFICATIONS

Feature	Detail
Brand	Razer
Model Name	BlackShark V2 HyperSpeed
Model Number	RZ04-04960100-R3U1
Connectivity Technology	Bluetooth 5.2, USB Type A (HyperSpeed Wireless), Wired (3.5 mm Jack)
Item Weight	280 grams (0.62 pounds)
Audio Driver Size	50 Millimeters (Triforce Titanium Drivers)
Frequency Response	12 Hz – 28 kHz
Sensitivity	100 dB
Impedance	32 Ohm
Battery Life	Up to 70 Hours
Charging Port	USB Type C
Earpiece Material	Ultra-soft memory foam with breathable fabric
Noise Control	Sound Isolation

6. MAINTENANCE

To ensure the longevity and optimal performance of your Razer BlackShark V2 HyperSpeed headset, follow these maintenance guidelines:

- **Cleaning Earcups:** Use a soft, damp cloth to gently wipe the earcups. Avoid harsh chemicals or abrasive materials. The silky cloth material is designed for easy cleaning.
- **Cleaning Headband:** Wipe the leather headband with a soft, dry cloth. For stubborn spots, a slightly damp cloth can be used, followed by immediate drying.
- **Microphone Care:** Keep the microphone clean and free of debris. If the foam cover becomes worn, replacements may be available from Razer support.
- **Storage:** Store the headset in a cool, dry place away from direct sunlight and extreme temperatures. Avoid placing heavy objects on the headset.
- **Cable Care:** Handle the USB-C charging cable carefully. Avoid sharp bends or excessive pulling to prevent damage.

7. TROUBLESHOOTING

If you encounter issues with your Razer BlackShark V2 HyperSpeed headset, try the following solutions:

7.1. No Audio / Low Volume

- **Check Volume:** Ensure the volume knob on the headset is turned up.
- **Check Device Volume:** Verify that the volume on your connected device (PC, console, mobile) is not muted or set too low.
- **Connectivity:**
 - For HyperSpeed Wireless: Ensure the dongle is securely plugged in and the headset is powered on and paired. Try re-pairing if necessary.
 - For Bluetooth: Confirm the headset is paired and connected in your device's Bluetooth settings.
 - For Wired: Ensure the 3.5mm cable is fully inserted into both the headset and the device.
- **Audio Output Device:** On your PC, ensure the Razer BlackShark V2 HyperSpeed is selected as the default audio output device in your sound settings.

7.2. Microphone Not Working

- **Check Mute Button:** Ensure the microphone mute button on the headset is not activated.
- **Microphone Position:** Adjust the bendable microphone closer to your mouth for optimal voice pickup.
- **Input Device:** On your PC, ensure the Razer BlackShark V2 HyperSpeed is selected as the default microphone input device in your sound settings.
- **Application Settings:** Check the microphone settings within the application you are using (e.g., Discord, Zoom, game voice chat).

7.3. Connectivity Issues (Wireless)

- **Interference:** Move away from other wireless devices or sources of interference (e.g., Wi-Fi routers, microwaves).
- **Range:** Ensure you are within the effective range of the HyperSpeed dongle or Bluetooth connection.
- **Re-pairing:** If connection is lost, try re-pairing the headset with the HyperSpeed dongle or your Bluetooth device.

8. WARRANTY & SUPPORT

For detailed warranty information, product registration, and further technical support, please refer to the official Razer website or the comprehensive User Manual PDF.

[Download Full User Manual \(PDF\)](#)

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