



RAZER BLACKSHARK V2 PRO

MASTER GUIDE

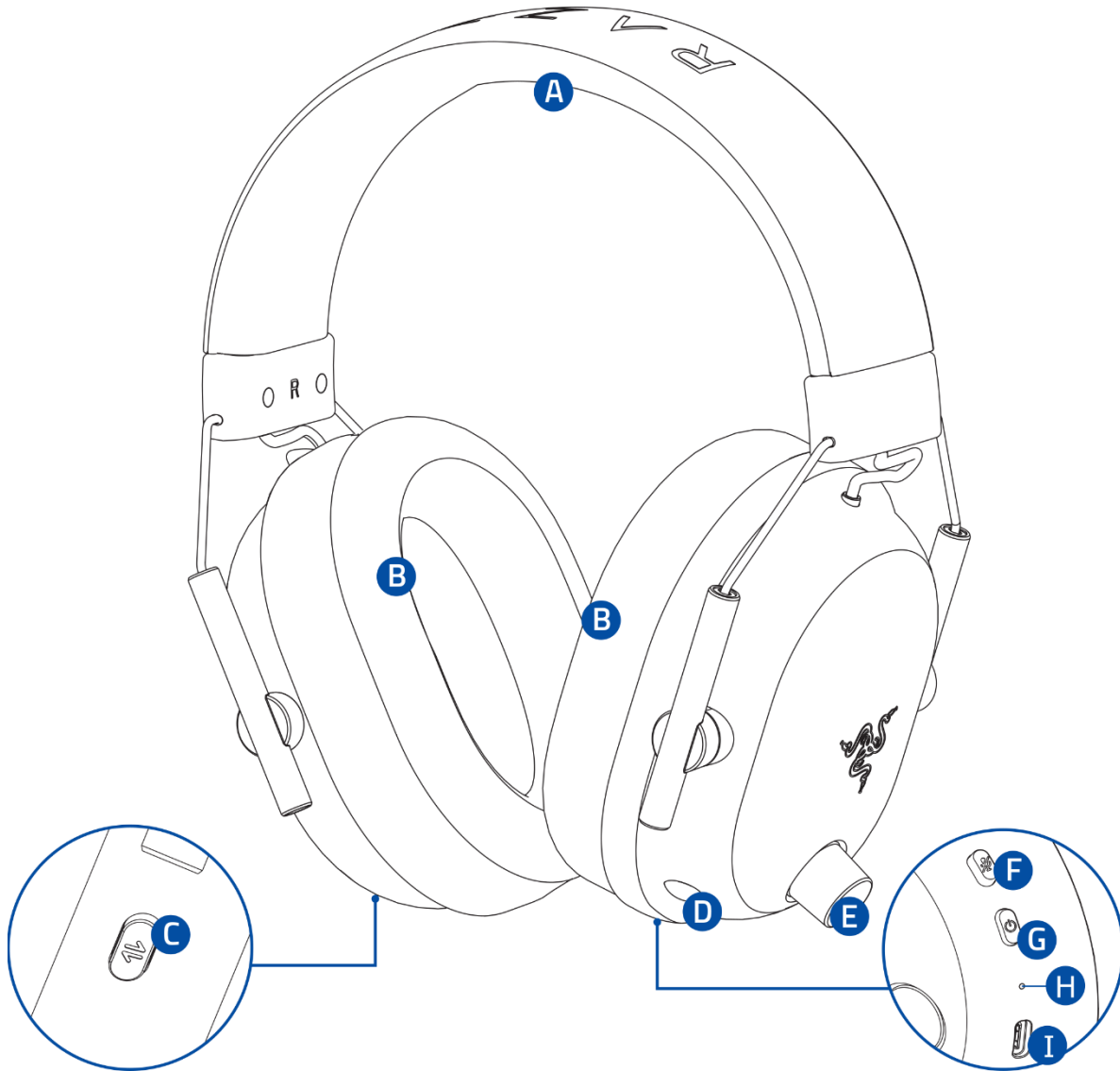
If esports is your calling, answer it with the ultimate wireless headset for competitive play. Designed to meet the needs of Team Razer's finest, get the complete package of crystal-clear audio, advanced noise isolation, and all-day comfort with the multi-award-winning **Razer BlackShark V2 Pro**.

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1. WHAT'S INSIDE

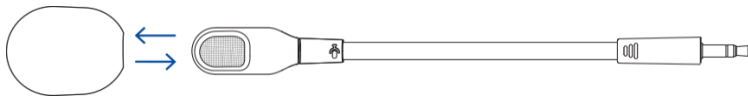
- Razer BlackShark V2 Pro



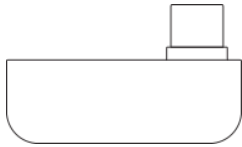
- A. Adjustable padded headband
- B. Breathable memory foam ear cushions
- C. Razer SmartSwitch / EQ button
- D. Microphone port

- E. Volume dial
- F. Mic mute button
- G. Power button
- H. Status indicator
- I. Charging port

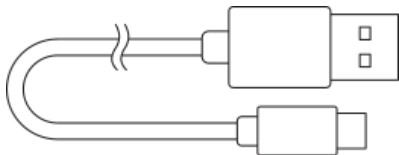
- Removable Razer HyperClear Super Wideband Mic



- USB Type C HyperSpeed Wireless Dongle



- USB Type A to Type C charging cable



- Important product information guide

2. WHAT'S NEEDED

- PS5® console or PC (Windows®10 64-bit or higher)*
- USB Type C port
- Devices with Bluetooth audio capability

**PC compatibility not tested nor endorsed by Sony Interactive Entertainment.*

3. LET'S GET YOU COVERED



Register your product and score exclusive benefits
razerid.razer.com/warranty

*Your product's
serial number can
be found here.*



4. TECHNICAL SPECIFICATIONS

HEADPHONES

- Frequency response: 12 Hz – 28 kHz
- Impedance: 32 Ω
- Sensitivity (@1 kHz): 100 dB SPL / mW at 1 kHz by HATS
- Drivers: Customized Dynamic 50 mm Driver
- Inner ear cup diameter: 62 x 42 mm / 2.44 x 1.65 in
- Connection type: 2.4 GHz wireless or Bluetooth
- Oval ear cushions: Breathable memory foam cushions

MICROPHONE

- Frequency response: 100 Hz – 10 kHz
- Signal-to-noise ratio: ≥ 60 dB
- Sensitivity (@1 kHz): -42 ± 3 dBV/Pa,1kHz
- Pick-up pattern: Unidirectional

ON-EARCUP CONTROLS

- Volume up and down
- Mic mute on /off toggle
- Razer SmartSwitch Button
- Audio profiles switcher

AUDIO USAGE

- Wireless: Via USB Type C HyperSpeed Wireless Dongle or Bluetooth 5.2
- Bluetooth Codec: AAC, SBC

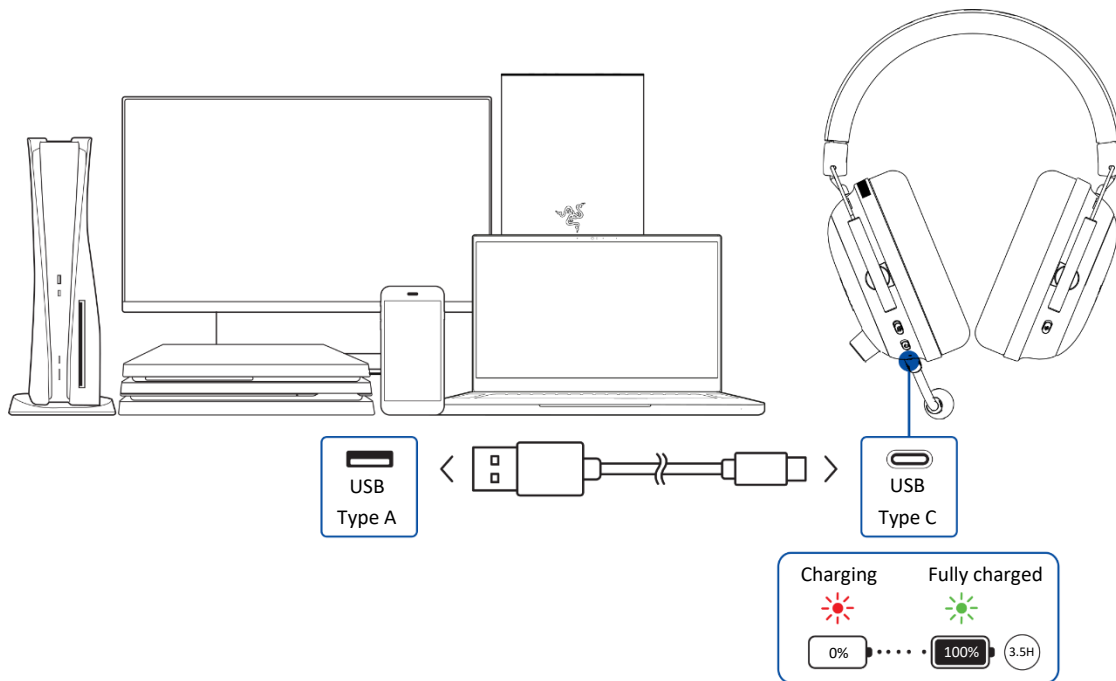
BATTERY LIFE

- Up to 70 hours

5. SETTING UP YOUR RAZER BLACKSHARK V2 PRO

CHARGING YOUR HEADSET

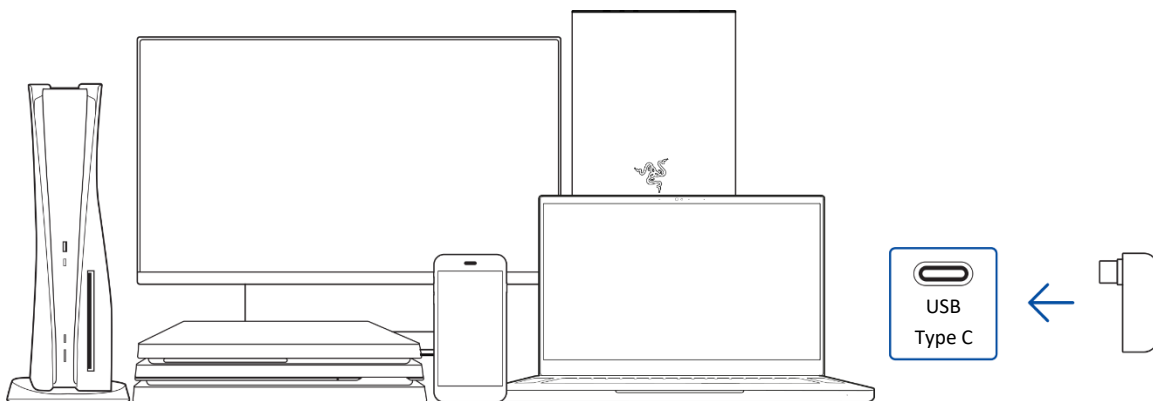
Connect your Razer BlackShark V2 Pro to a powered USB Type A port using the charging cable. For best results, please fully charge your headset before using it for the first time. A depleted unit will fully charge in about 3.5 hours.



CONNECTING YOUR HEADSET

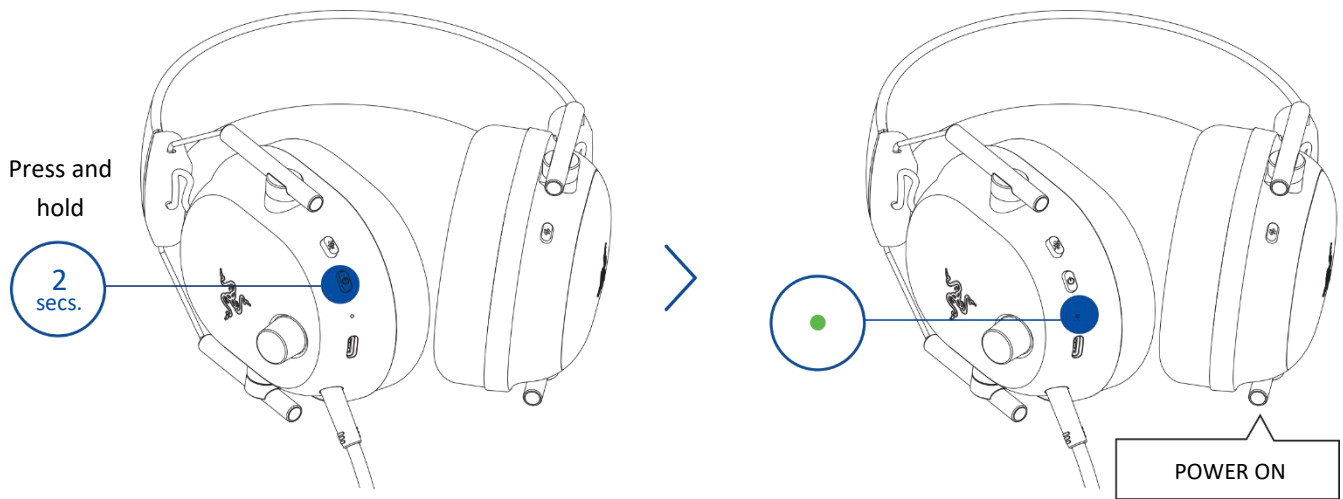
A. To a PlayStation console / PC via the USB Type C HyperSpeed Wireless dongle (2.4 GHz)

1. Plug the USB Type C wireless dongle into your device.

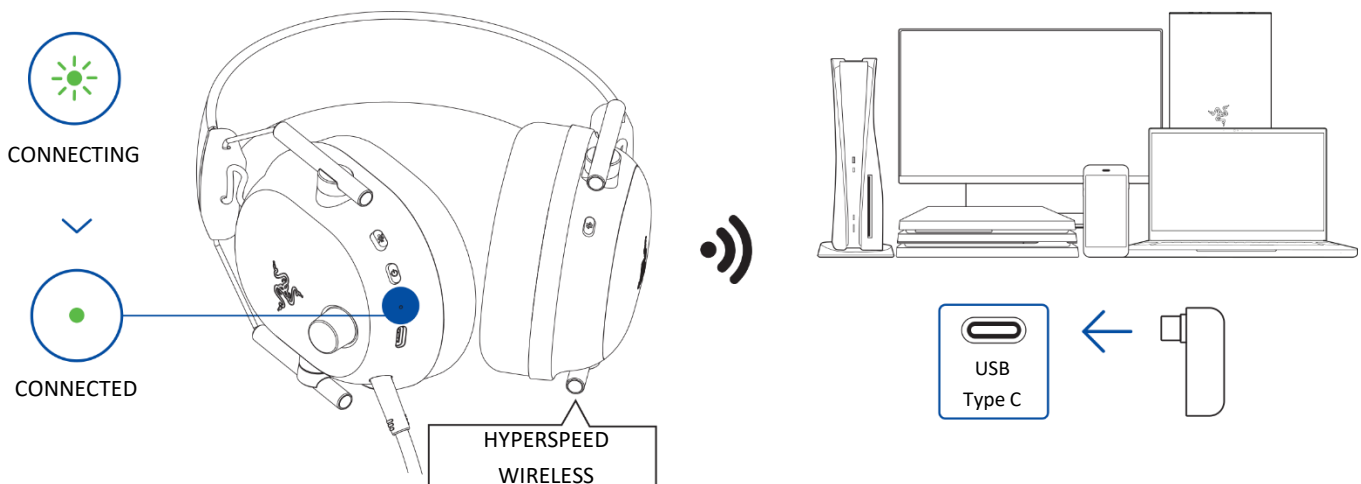


When plugging the USB Type C wireless dongle into your PS5® console, make sure it doesn't obstruct the console's USB Type A port (if applicable).

2. Press and hold the Power button until the status indicator briefly lights up in solid green to power on the headset.



3. Wait until the status indicator briefly becomes static green, indicating that the headset is connected to the wireless USB dongle



4. On your device (if applicable), set the Razer BlackShark V2 Pro as the default **Input** and **Output Device**.

ON PS5® CONSOLES

PS5® Settings > Sound	Audio Output > Output device > BlackShark V2 Pro PS 2.4
	Microphone > Input device > BlackShark V2 Pro PS 2.4

Razer has validated the operation between the headset and the PlayStation®5 console.



ON PC

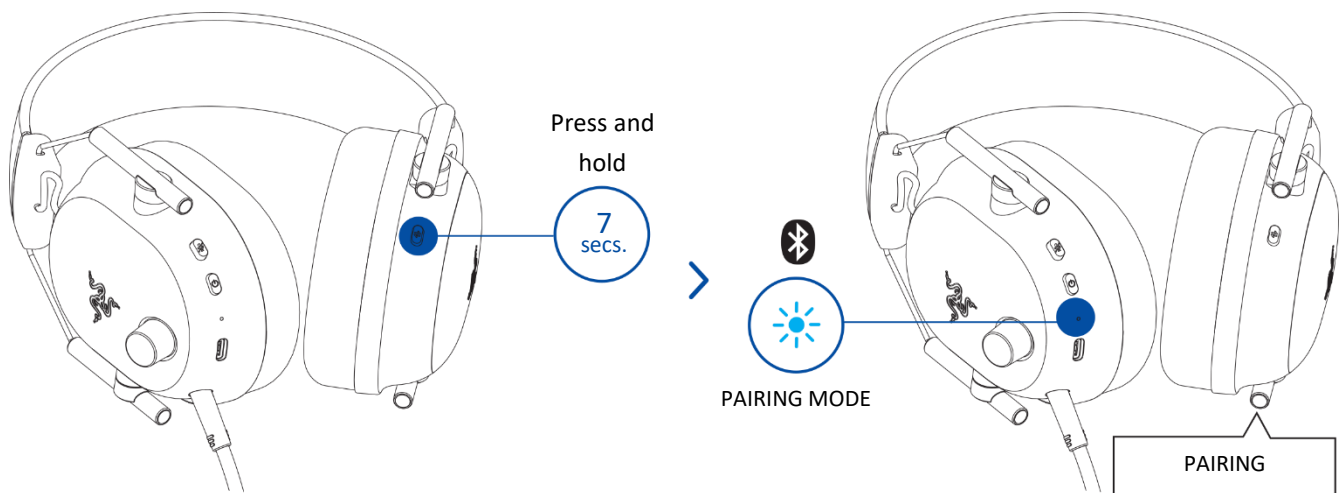
Sound settings	Output > BlackShark V2 Pro PS 2.4
	Input > BlackShark V2 Pro PS 2.4



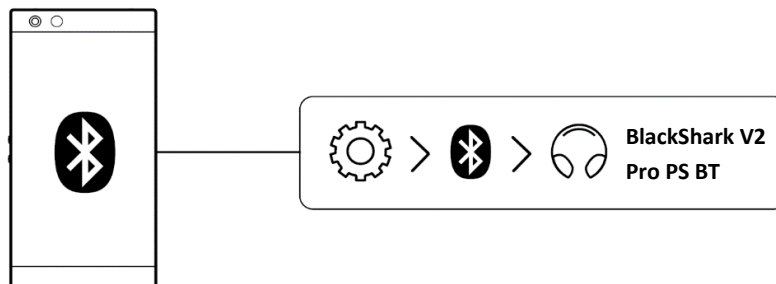
When using the headset with a compatible device, set BlackShark V2 Pro PS 2.4 as the default input and output device (if applicable).

B. To other devices via Bluetooth

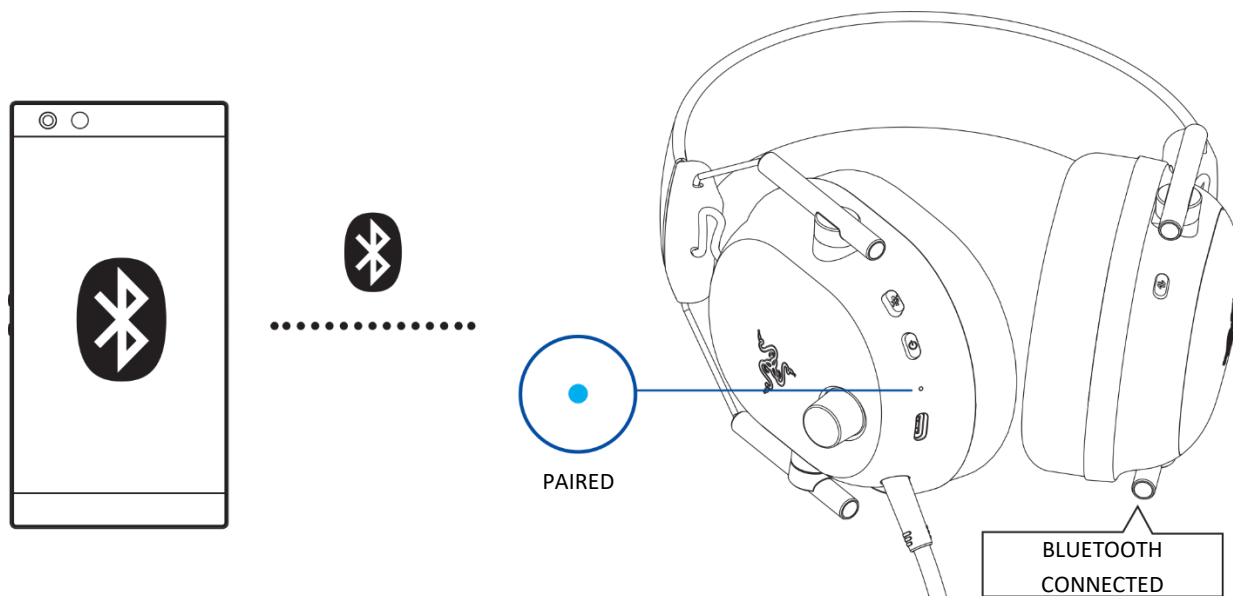
1. While powered on, press and hold the Razer SmartSwitch / EQ button for 7 seconds to activate pairing mode.



2. Activate Bluetooth on your device and select "**BlackShark V2 Pro PS BT**" from the list of devices found.

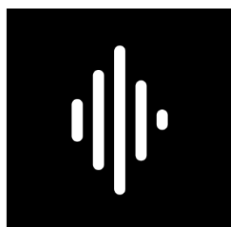


3. Wait until both devices are connected. The status indicator will briefly show solid blue to indicate that the headset is now connected to your device.



Razer Audio app

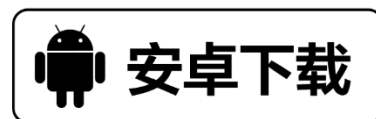
Customize your headset's audio and mic EQs, toggle Do Not Disturb to block incoming calls while gaming, and fine-tune other advanced features for a phenomenal audio experience that's genuinely yours.



Razer Audio



OR



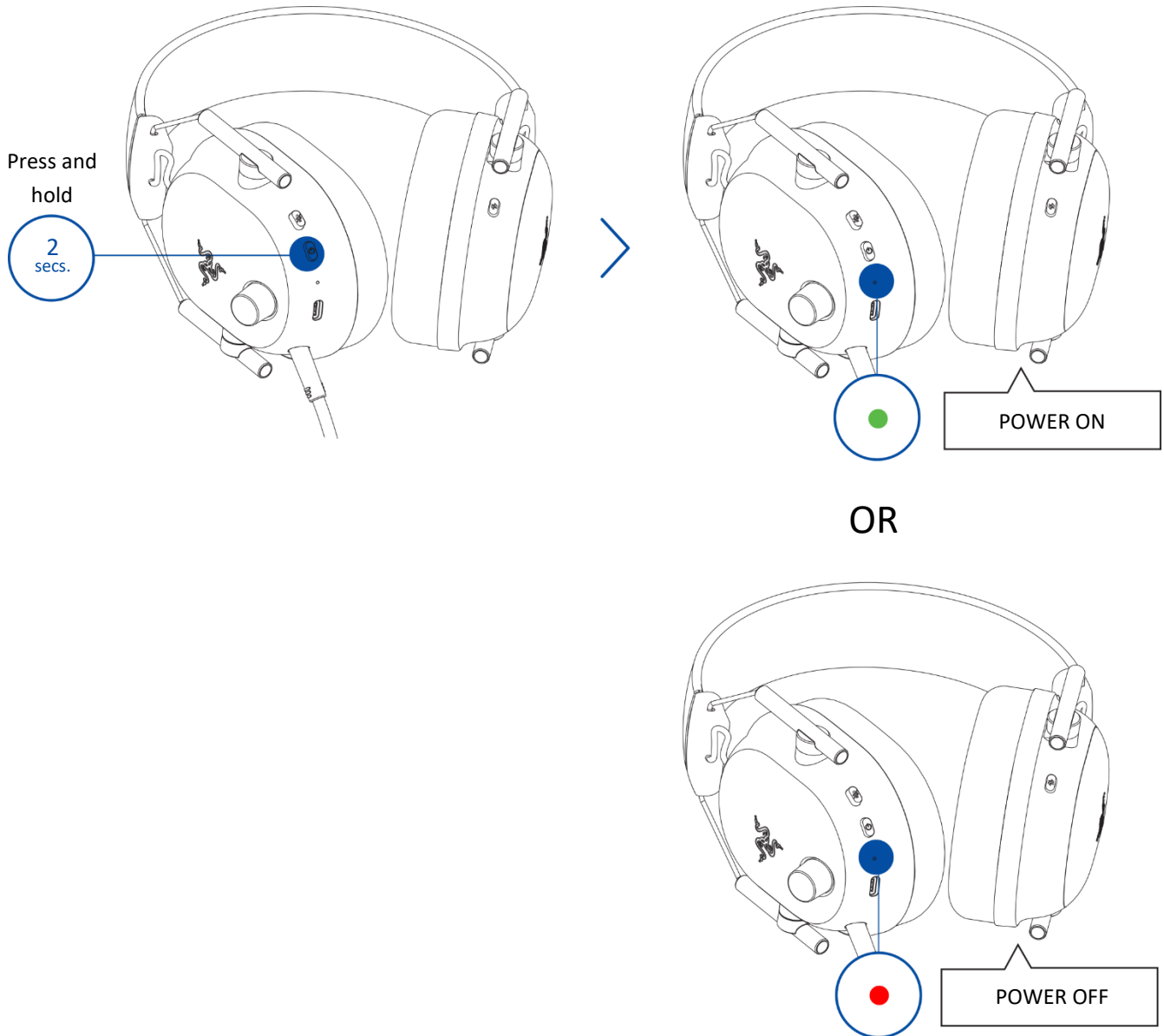
RZR.TO/AUDIO-APP

! Only works on iOS 14 / Android 10 (or higher) devices with Bluetooth connectivity.

6. USING YOUR HEADSET

POWER ON / OFF

Power on the headset by holding the Power button until the status indicator is on and holding the Power button again to turn off. An audio prompt will help notify you when the headset is powered on or off.

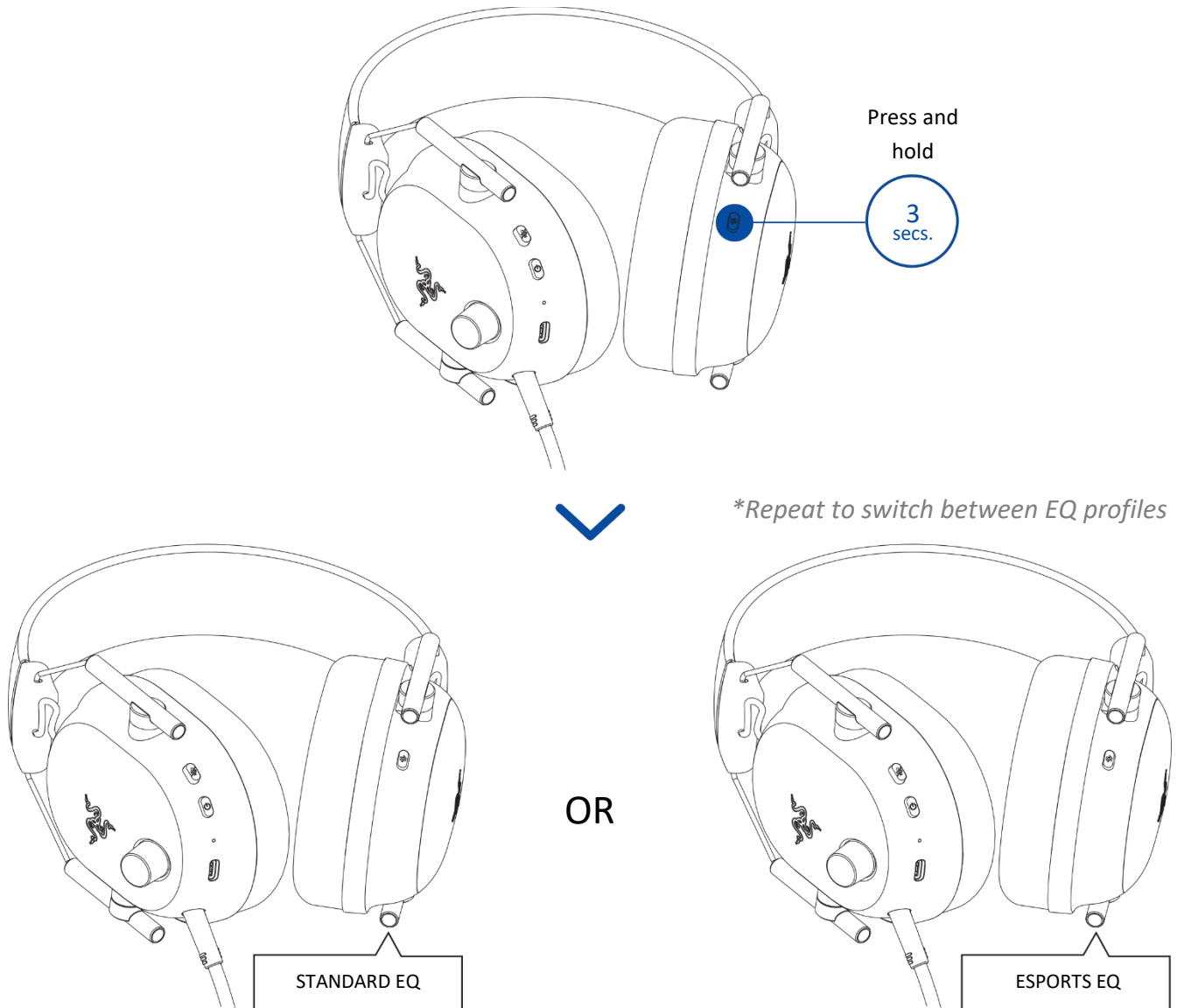


! *The headset will power on using the last active audio source before power off.*

SWITCHING BETWEEN EQ PROFILES AND PRESETS

Switching between EQ Profiles

To switch between Standard EQ and Esports EQ profiles (and vice versa), press and hold the Razer SmartSwitch / EQ button for 3 seconds.



Switch to **Standard EQ profiles** to use presets designed for an all-around immersive experience.

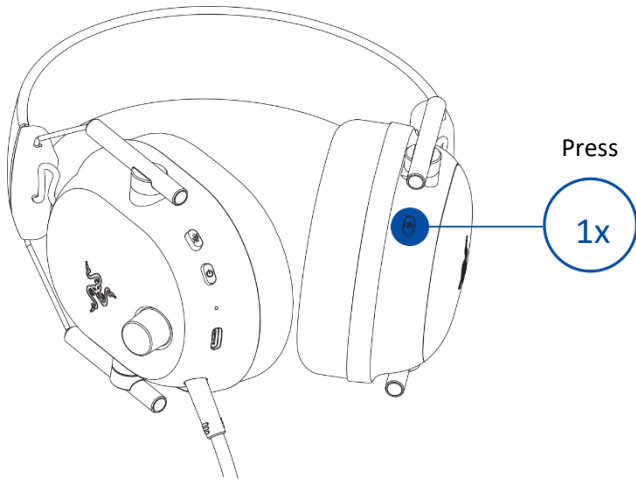
Switch to **Esports EQ profiles** to use pro-tuned FPS audio presets that provide the ultimate competitive edge.



By default, the headset is set to Standard EQ profiles. A voice prompt will be heard as you switch between EQ profiles.

Cycling through an EQ Profile's presets

Each profile has a different set of presets for you to choose from. To cycle through an active EQ profile's presets, press the Razer SmartSwitch / EQ button.



Standard EQ Profile	Esports EQ Profile
Game	Apex Legends
Movie	Call of Duty
Music	Fortnite
Custom	

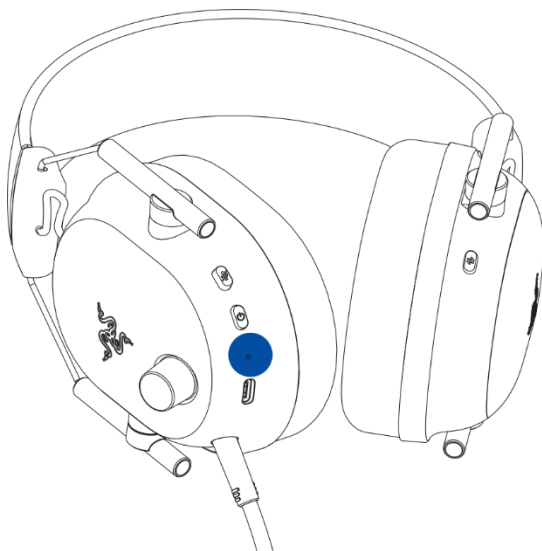
**Repeat to cycle between the active EQ profile's presets.*




You can also use the Razer Audio app to switch between EQ profiles and select preferred EQ settings.

UNDERSTANDING THE STATUS INDICATOR

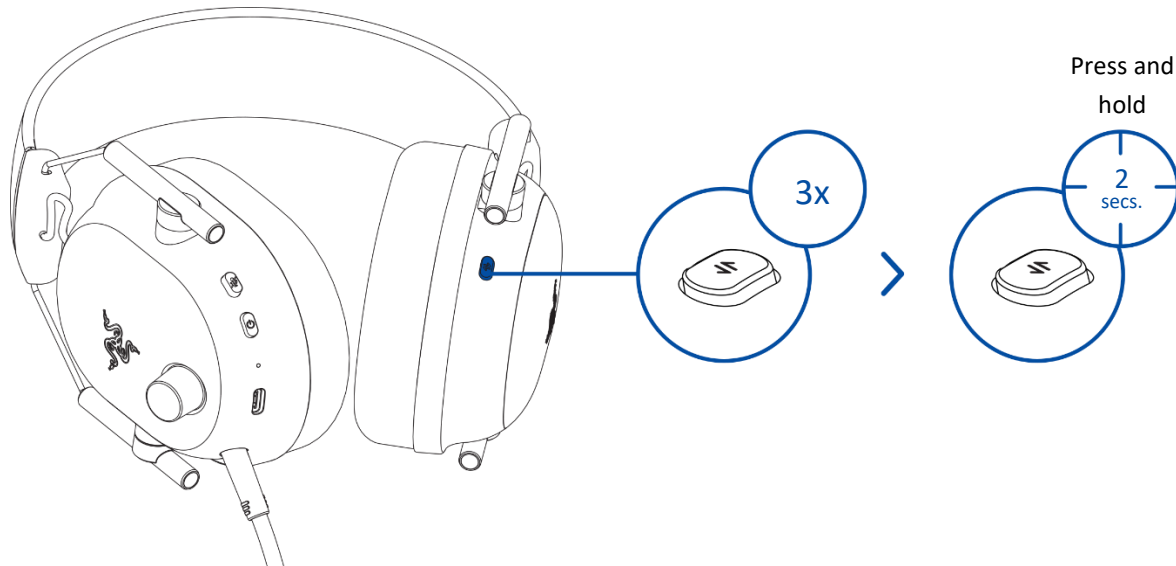
The status indicator will show the connection and battery status when the headset is unplugged and powered on. While in use, you'll hear a voice prompt when the headset needs to be recharged; during such time, the indicator will continue showing the battery level until you charge the headset.



Indicator	Prompt	Battery level
	Voice	Low

ENABLING / DISABLING GAMING MODE

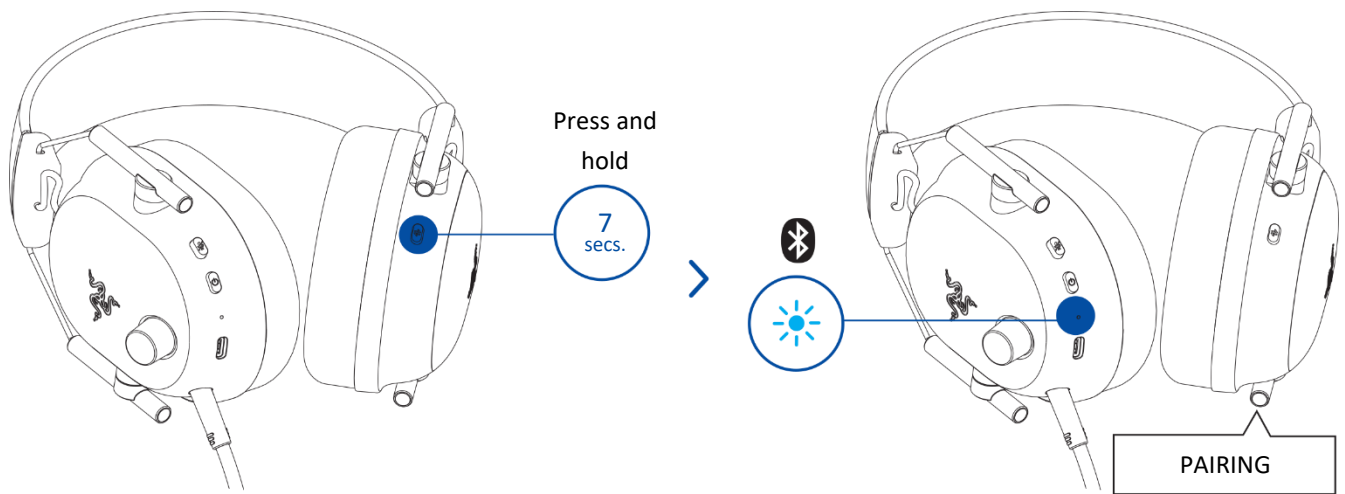
While connected via Bluetooth, triple press the Razer SmartSwitch / EQ button, then hold the last press for 2 seconds to activate Gaming Mode. Once enabled, the headset will function at a lower latency, giving you real-time audio feedback while gaming. Repeat to disable gaming mode.



This feature is only available on Bluetooth connection. Keeping the headset within a very close distance of the audio source is recommended for the best performance.

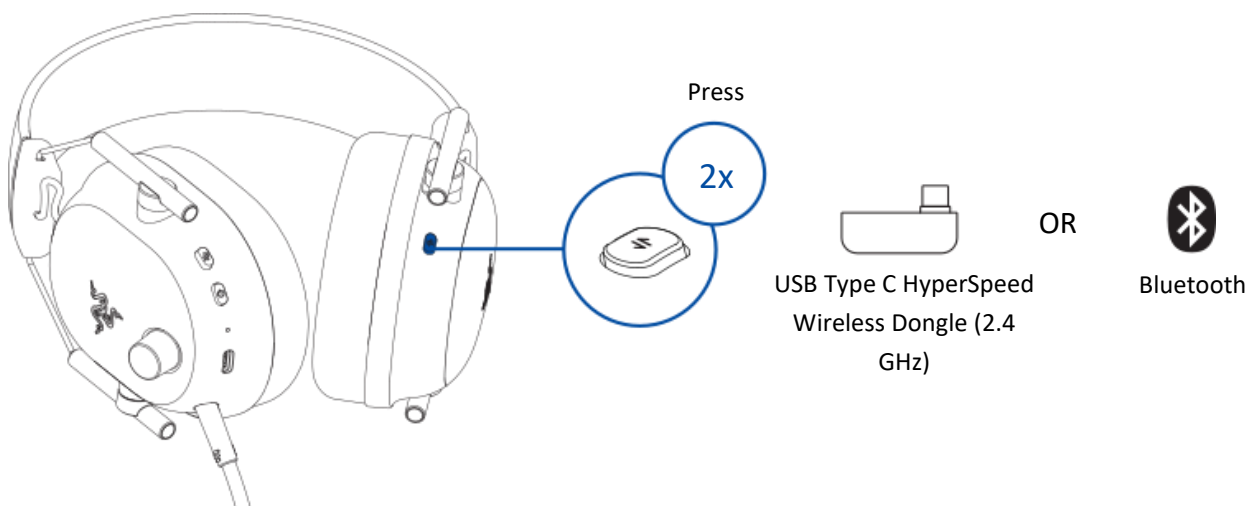
REACTIVATING BLUETOOTH PAIRING MODE

You can also use the Razer SmartSwitch / EQ button to reactivate Bluetooth pairing mode. While connected via Bluetooth, press and hold the Razer Smart Switch button for 7 seconds to reactivate Bluetooth pairing mode and connect your device as needed to **BlackShark V2 Pro PS BT**.



SWITCHING BETWEEN AUDIO SOURCES

When powered on and connected to any audio source, double press the Razer SmartSwitch / EQ button to switch between the wireless USB dongle and Bluetooth audio source or vice versa.




! Using Bluetooth as the audio source will reconnect the headset to the last known device. Pairing mode will be activated if no device is found.

UNDERSTANDING RAZER SMARTSWITCH

With the Razer BlackShark V2 Pro simultaneously connected to a PC or gaming console (via the USB Type C wireless dongle) and a mobile device (via Bluetooth), you'll be able to use the headset for incoming/outgoing/conference calls from a connected Bluetooth device and switch back to the game audio without removing the headset. The status indicator will briefly show static white to indicate that the headset is connected to both audio sources.

The following behaviors below will help you understand how your headset responds to audio source switching and incoming/outgoing/conference calls when your headset is connected to a Bluetooth device and the USB Type C wireless dongle:

Headset audio	Razer SmartSwitch behavior
Streaming via USB Type C wireless dongle	<ul style="list-style-type: none"><li data-bbox="435 1230 1438 1346">▪ The headset will automatically switch to Bluetooth audio source for incoming/outgoing/conference calls from your mobile device and resume using the USB Type C wireless dongle after each call.  <i>You can deactivate automatic source switching for incoming calls by enabling your headset's Do Not Disturb feature on the Razer Audio app.</i><li data-bbox="435 1520 1466 1635">▪ Audio from the connected mobile device will ONLY automatically stream on the headset if no audio is present or streaming on the USB Type C wireless dongle.<li data-bbox="435 1663 1438 1736">▪ Auto-pause on streamed audio when switching audio sources depends on the app you're using (e.g., Spotify, Apple Music).

Streaming via Bluetooth	<ul style="list-style-type: none"> When you switch to the USB Type C wireless dongle audio source, your headset will remain connected to your mobile device via Bluetooth. However, the Razer Audio app will disconnect from your mobile device. Auto-pause on streamed audio when switching audio sources depends on the app you're using (e.g., Spotify, Apple Music).
Not streaming on any audio source	Audio will play on the first audio source that streams audio.

QUICK FUNCTIONS REFERENCE

Power button

Single press	Play / pause*
	Accept an incoming call or end the current call*
	Put a call on hold and accept an incoming call*
	End call and swap to on-hold call*
Double press	Skip track*
	Swap calls*
	Reject incoming call*
Triple press	Previous track*
Press and hold for 2 seconds	Power on / off headset
While powered off, press and hold for 5 seconds	Activate Bluetooth pairing mode

Razer SmartSwitch / EQ button

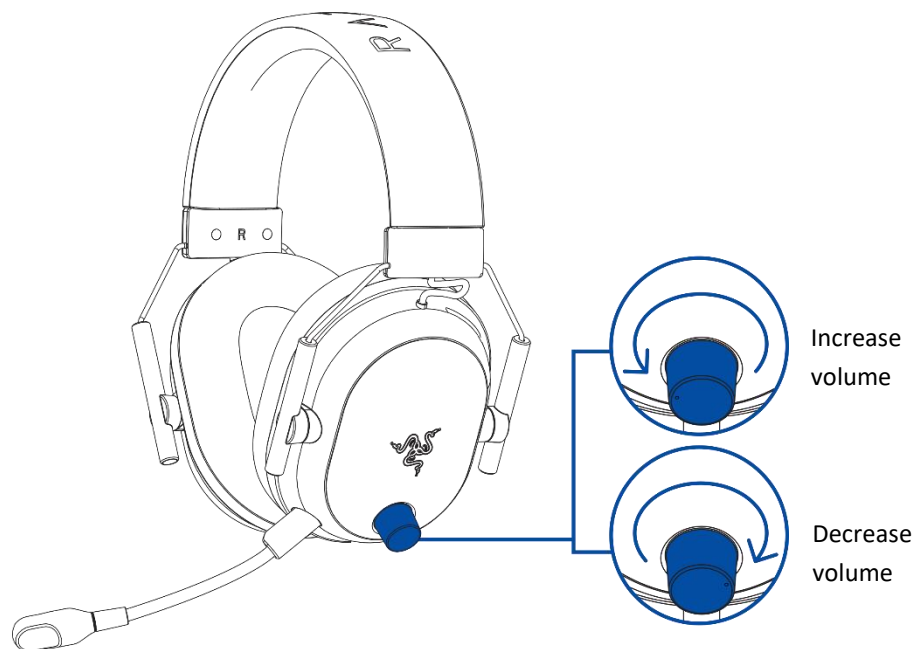
Single press	Cycle through the active EQ profile's presets
Double press	Switch between audio sources (USB Type C HyperSpeed Wireless Dongle / Bluetooth)

Press and hold for 3 seconds	Switch between EQ Profiles (Standard EQ / Esports EQ)
Triple press, then hold the last press for 2 seconds	Enable / disable Gaming Mode*
Press and hold for 7 seconds	Activate Bluetooth pairing mode

**Only available in Bluetooth mode.*

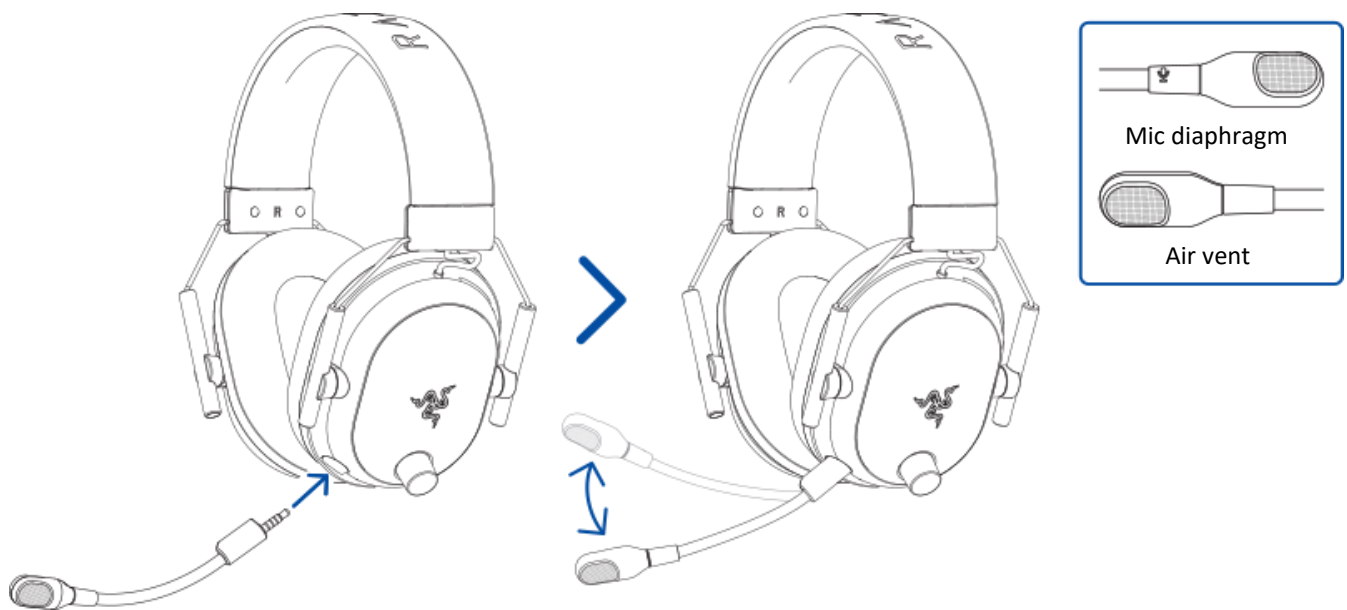
VOLUME DIAL

Rotate the volume dial to increase or decrease the volume.



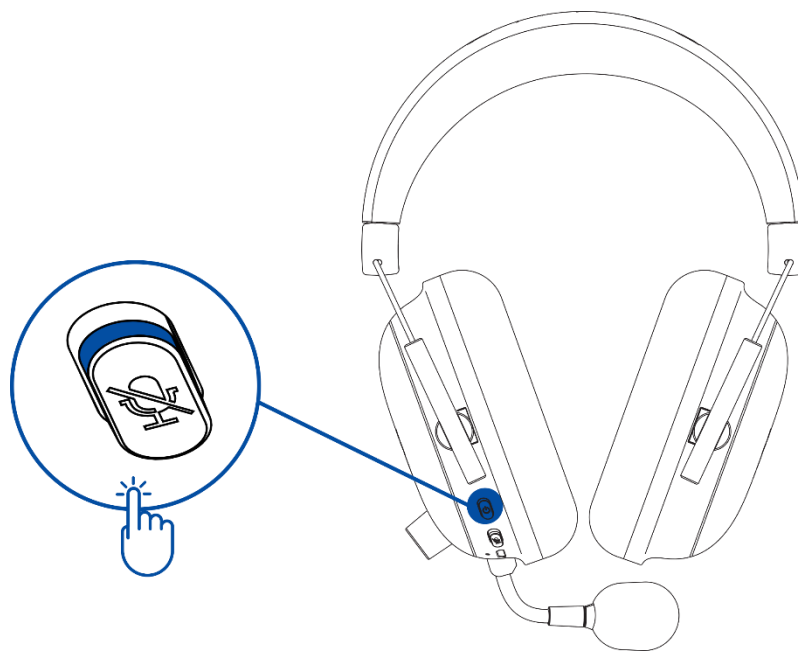
RAZER HYPERCLEAR SUPER WIDEBAND MIC

Plug the Razer™ HyperClear Super Wideband Mic into the headphone and bend until it is parallel to your mouth. Make sure the mic diaphragm is in front, and the air vent is facing away from your mouth.



! The recommended mic-to-mouth distance for optimal sound capture is 1.5 cm to 3 cm (0.59 in to 1.18 in).

Press the mic mute button to mute or unmute the microphone.



7. SAFETY AND MAINTENANCE

SAFETY GUIDELINES

To achieve maximum safety while using your Razer BlackShark V2 Pro, we suggest that you adopt the following guidelines:

Should you have trouble operating the device properly and troubleshooting does not work, unplug the device and contact the Razer hotline or go to support.razer.com for assistance.

Don't take apart the device (doing so will void your warranty), and don't attempt to operate it under abnormal current loads.

Keep the device away from liquid, humidity, or moisture. Operate the device only within the specific temperature range of 0°C (32°F) to 40°C (104°F). Should the temperature exceed this range, unplug and/or switch off the device to stabilize the temperature to an optimal level.

We recommend stretching the headset gently apart before placing it over your head to minimize headband stress. However, please avoid overstretching the headset beyond its technical limits.

The device isolates external ambient sounds even at low volumes, resulting in lowered awareness of your external surroundings. Please remove the device when engaging in activities requiring active awareness of your surroundings.

Listening to excessively loud volumes over extended periods can damage your hearing. Furthermore, legislation of certain countries permits a maximum sound level of 86db to affect your hearing for 8 hours a day. We, therefore, recommend that you reduce the volume to a comfortable level when listening for prolonged periods. Please take good care of your hearing.

MAINTENANCE AND USE

The Razer BlackShark V2 Pro requires minimum maintenance to keep it in optimum condition. Once a month, we recommend you clean it using a soft cloth or cotton swab to prevent dirt buildup. Don't use soap or harsh cleaning agents.

BATTERY WARNING

The Razer BlackShark V2 Pro contains a Li-ion rechargeable battery. In general, the life expectancy of such batteries is dependent upon usage. If you suspect that the Li-ion rechargeable battery inside the Razer BlackShark V2 Pro may be drained (has a low charge), try charging it.

Caution: Don't open, mutilate, or expose to conducting materials (metal), moisture, liquid, fire, or heat. Doing so may cause batteries to leak or explode, resulting in personal injury. Battery life varies with usage.


8. LEGAL

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