



RAZER BARRACUDA PRO

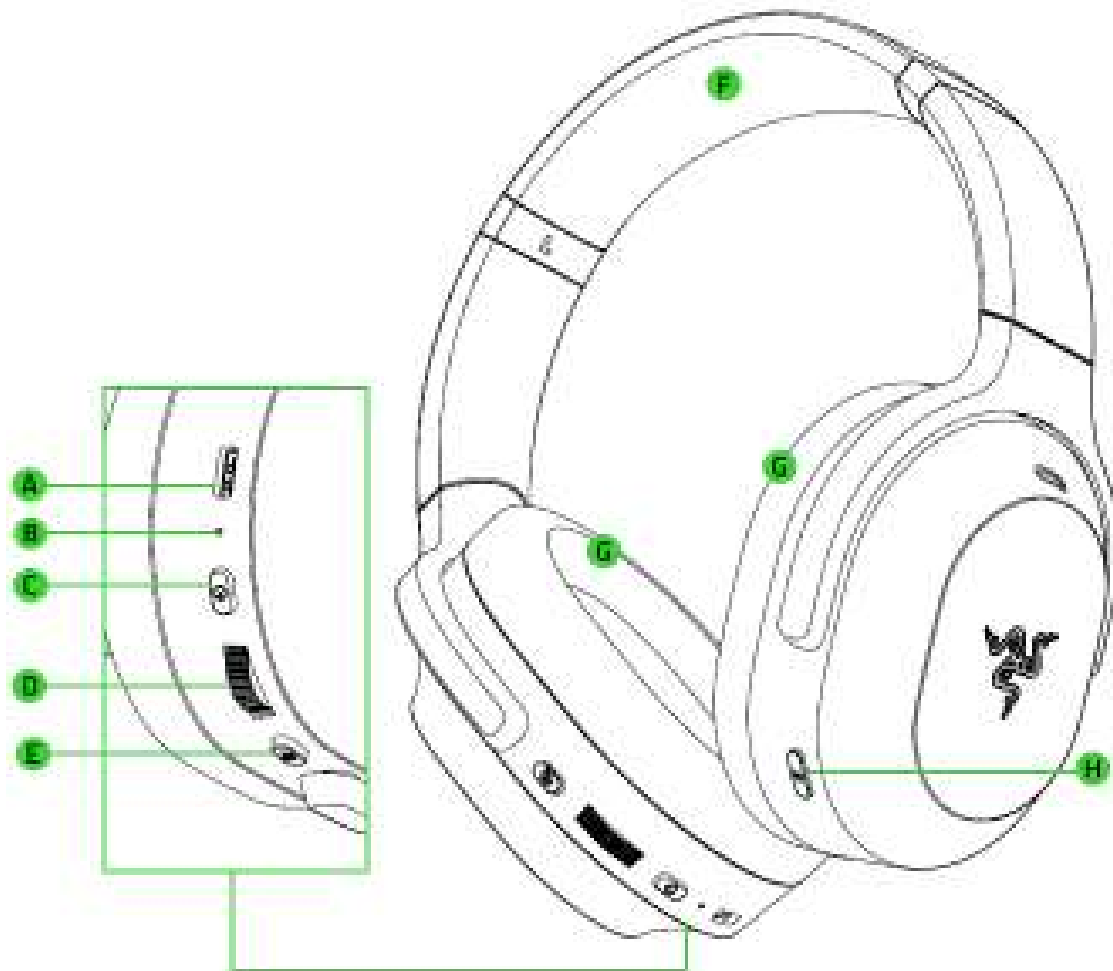
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1. WHAT'S INSIDE

- Razer Barracuda Pro



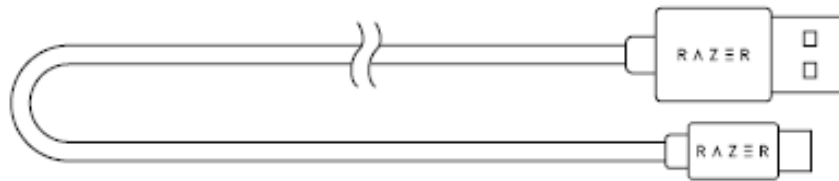
- A. Type-C charging port
- B. Status indicator
- C. Power button
- D. Volume control wheel

- E. Mic mute button
- F. Adjustable padded headband
- G. Ultra-soft leatherette memory foam ear cushions
- H. Razer SmartSwitch button

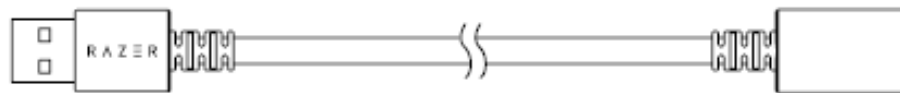
- Type-C wireless dongle



- Type-C charging cable



- Type-A to Type-C adapter cable



- Carrying case



- Important Product Information Guide

2. WHAT'S NEEDED

PRODUCT REQUIREMENTS

- Devices with Bluetooth audio capability / USB Type-C or Type-A port

RAZER SYNAPSE REQUIREMENTS

- Windows® 10 64-bit (or higher)
- Internet connection for software installation

RAZER AUDIO APP REQUIREMENTS

- iOS 12 / Android 6.0+ (or higher) device with Bluetooth capability
- Internet connection for app installation

3. TECHNICAL SPECIFICATIONS

HEADPHONES

- Frequency response: 20 Hz – 20 kHz
- Impedance: 32 Ω (@1 kHz)
- Sensitivity: 95 dBSP / 1mW (@1 kHz by IEC)
- Drivers: Bio-Cellulose 50mm Driver
- Inner ear cup diameter: 52 x 43 mm
- Connection type: Wireless via Type-C dongle and Bluetooth
- Approx. weight: 340g / 0.75 lbs
- Dual ear cushions: Full-ear coverage with plush leatherette memory foam

MICROPHONE

- Frequency response: 100 Hz – 10 kHz
- Signal-to-noise ratio: ≥ 30 dB
- Sensitivity (@1 kHz): -38 ± 1 dB
- Pick-up pattern: Omnidirectional
- Integrated Dual MEMS Microphones for Voice Pickup and AI noise cancellation

THX-AAA™

- High Fidelity
- THX AAA-OP Amplifier THD: -90 dB (@ -3 dBFS, 100 Hz, with 32 Ω load)

ON-EAR CUP CONTROLS

- 2.4GHz Wireless and Bluetooth toggle (SmartSwitch)
- ANC levels (ANC ON, Ambient, ANC OFF)
- Volume up and down
- Mic mute on/off toggle

AUDIO USAGE

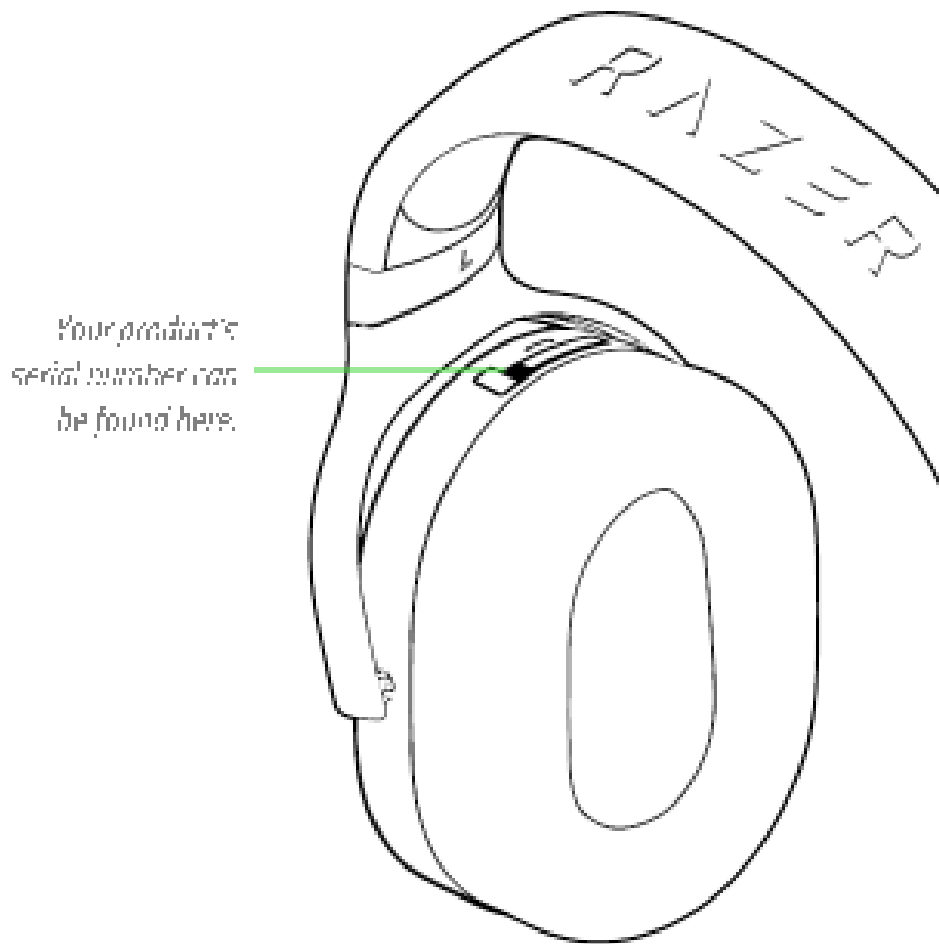
- Wireless: Via Type-C dongle or Bluetooth 5.2
- Bluetooth Codes: AAC, SBC
- TFX Spatial Audio: Only available on Windows 10® 64-bit (or higher)

BATTERY LIFE

- Up to 40 hours

4. LET'S GET YOU COVERED

You've got a great device in your hands, complete with a 2-year Limited warranty coverage. Now maximize its potential and score exclusive Razer benefits by registering at support.razer.com

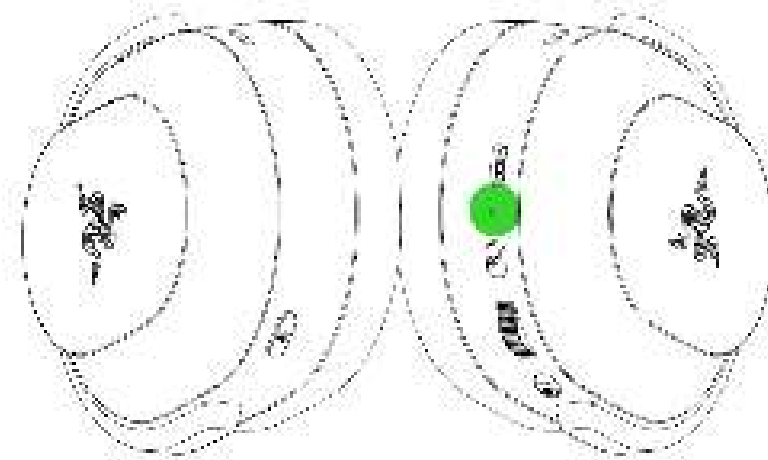
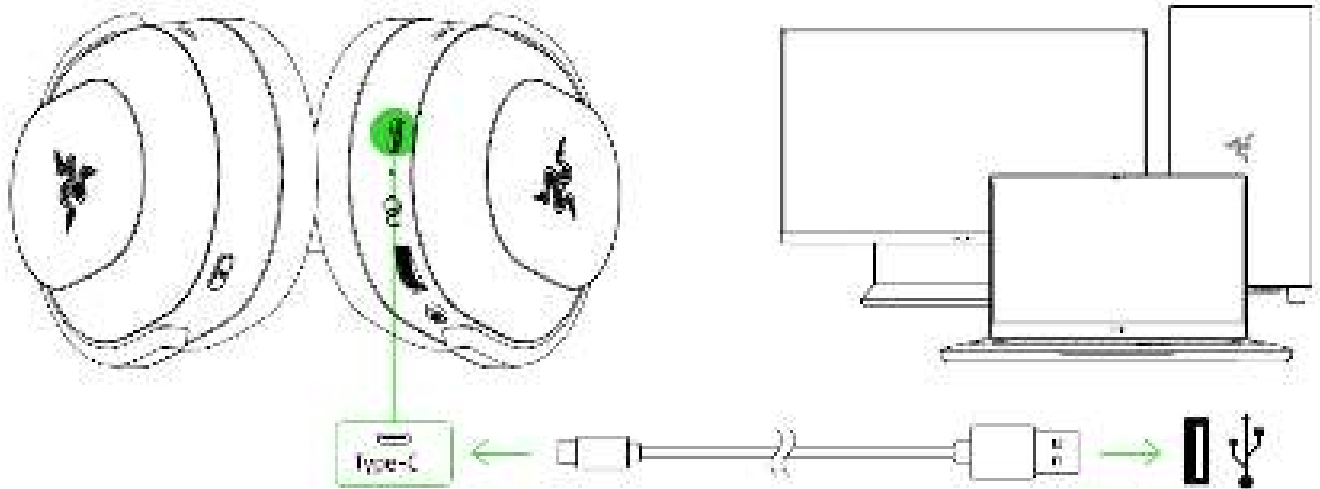




Got a question? Ask the Razer Support Team at support.razer.com

5. GETTING STARTED

CHARGING YOUR HEADSET

Connect your Razer Barracuda 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 hours.

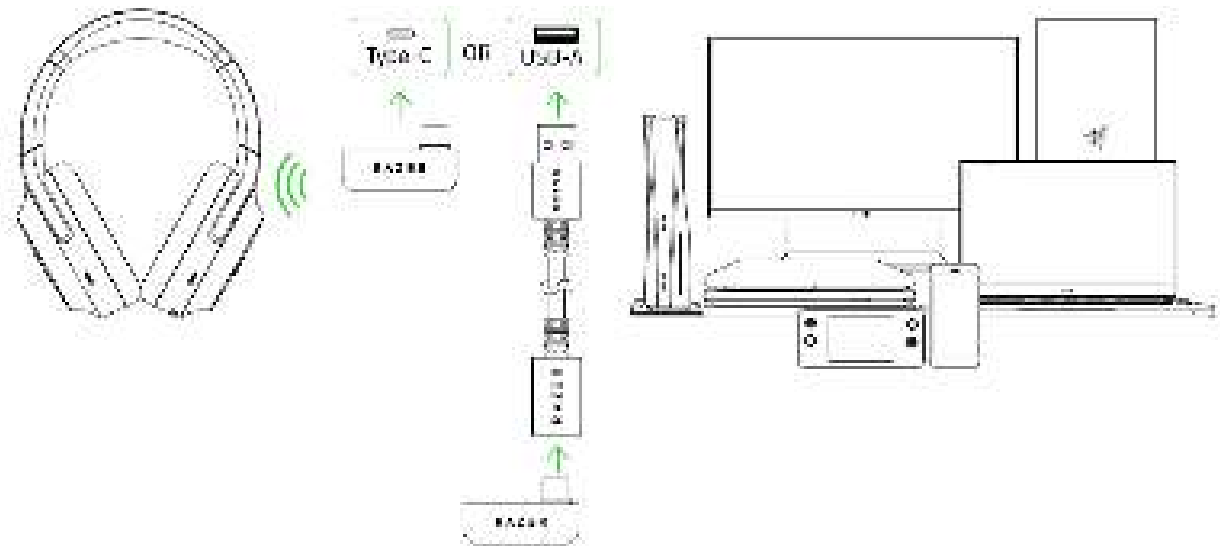


Indicator	Battery level
	Fully charged
	Charging

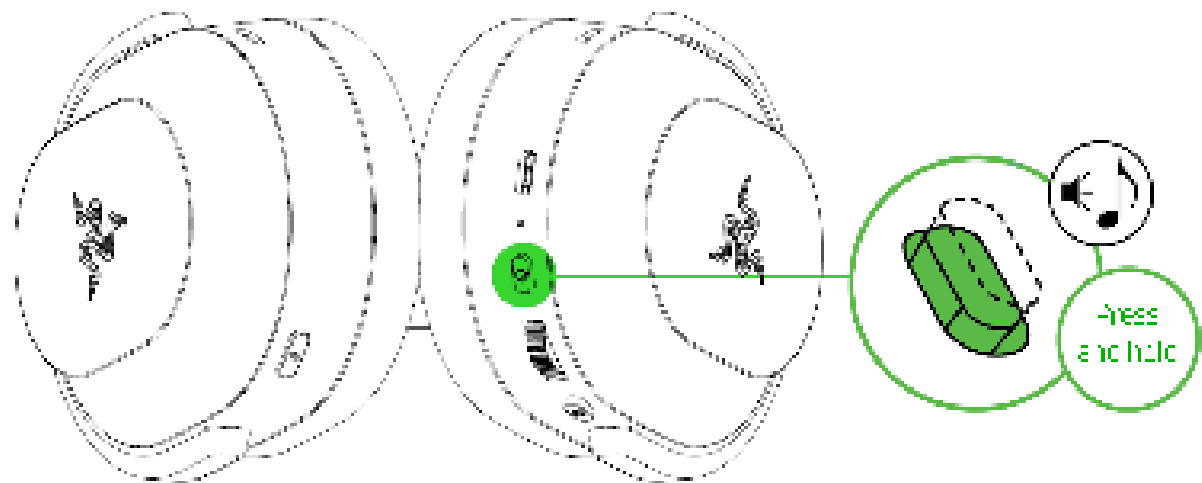
CONNECTING TO YOUR DEVICES

A. Via Type-C wireless dongle (2.4GHz)

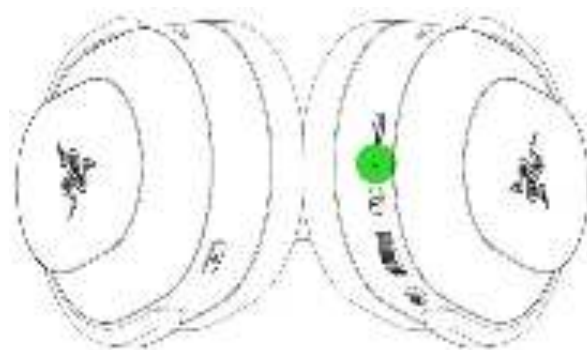
1. Plug the Type-C wireless dongle into your device.



2. Press and hold the Power button until the status indicator briefly lights up.



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



Indicator	Battery level
■	Connected

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

On PC / Laptop

- a. Right-click on the sound icon in the system tray and select **Open Sound settings**.
- b. On the Sound window, set **Razer Barracuda Pro 2.4** as the default **Output** and **Input** device.

On PlayStation 5, go to **Settings > Sound**

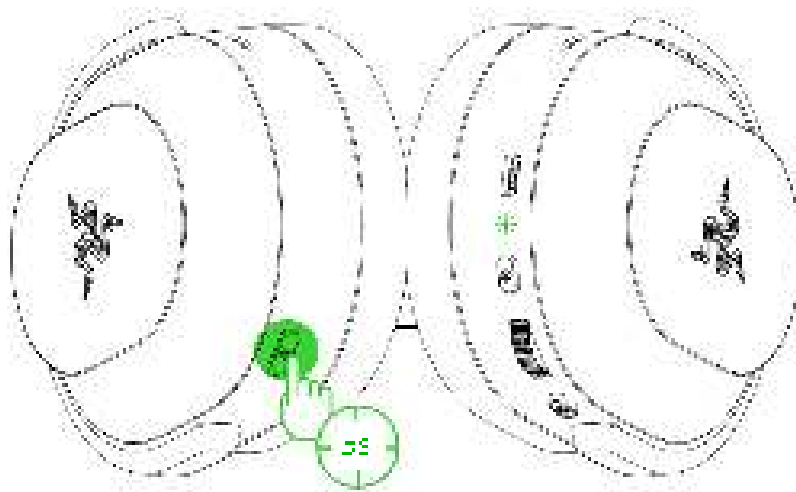
- On **Microphone**, set the **Input Device** to **Razer Barracuda Pro 2.4**.
- On **Audio Output**, set the **Output Device** to **Razer Barracuda Pro 2.4**.



On PlayStation 4, go to **Settings > Devices > Audio Devices**

- Set the **Input Device** and **Output Device** to **Razer Barracuda Pro 2.4**.

B. Via Bluetooth

While powered on, press the Razer SmartFlow™ button for 5 seconds to activate Bluetooth pairing mode. Follow your device's instructions and select "Razer Barracuda Pro (BT)" from the list of found devices. The status indicator will briefly change to static blue to indicate that the headset is now paired with your device.

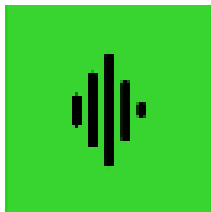


Indicator	Status
	Pairing
	Paired

PERSONALIZE YOUR EXPERIENCE

Razer Audio app (Mobile)

Making advanced customization just got a whole lot easier for the Razer Barracuda Pro. With the Razer Audio App, you'll be able to customize its EQ settings and auto-shutoff feature, enable or disable gaming mode, adjust the Active Noise Cancellation (ANC) level, and much more — anytime, anywhere.



Razer Audio



OR



RZR.TN/AUDAPP
(For China only)

i When using the app, make sure that the headset is properly connected to your mobile device via Bluetooth. A solid blue status indicator indicates this connection.

Razer Synapse (PC)

Use the Razer Synapse[®] app to select from many of the headset's EQ presets or customize your own, enhance sound and mic settings, enable and adjust real-time mic monitoring and other headset features for a phenomenal audio experience that's genuinely yours.

**Install Razer Synapse when prompted or download the installer from razer.com/synapse*

Activate THX Spatial Audio[†]

Unleash the full potential of your Razer Barracuda Pro by enabling 360° positional audio for a natural and lifelike experience through Razer Synapse.

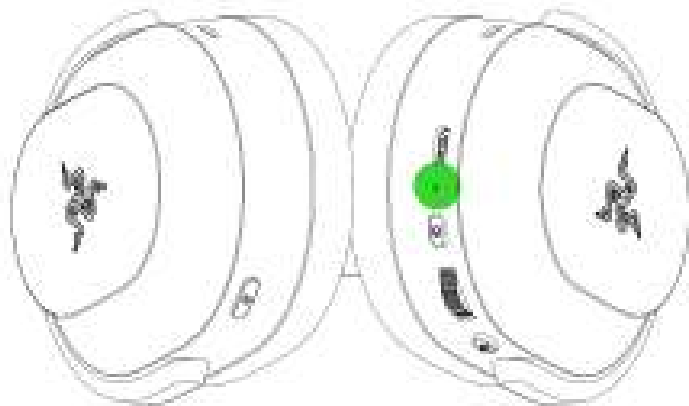



†Only available on Windows 10 64-bit and above.

6. USING YOUR HEADSET

BATTERY LEVEL

When unplugged and powered on, the status indicator will show the connection and battery status. 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.

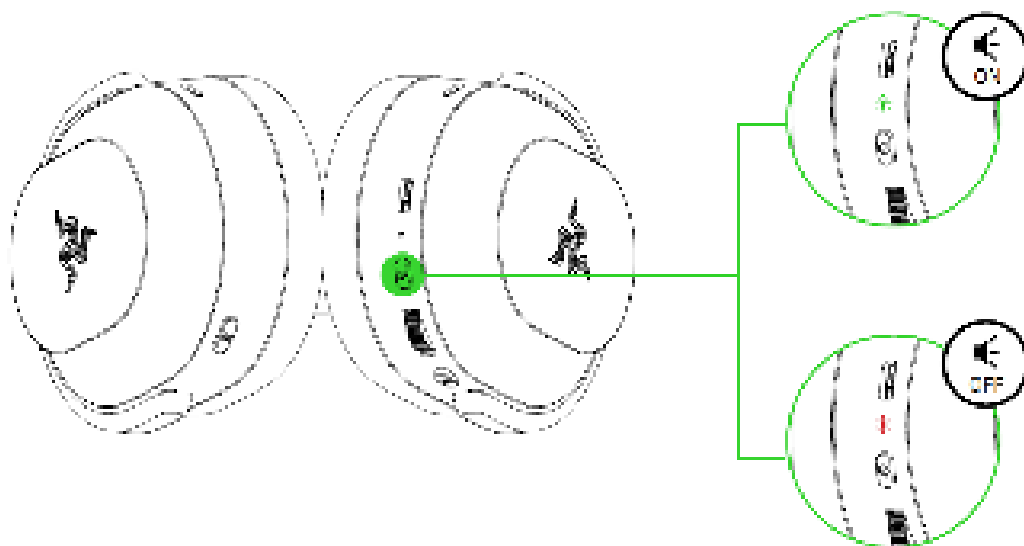


Indicator	Prompt	Battery level
	Voice	Low

POWER BUTTON

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.



i The headset will power on using the last audio source before powering it off.

Other functions

Other power button functions are available when the headset is powered on with Bluetooth as the audio source. These functions operate based on your device's current activity and may not apply to certain devices.

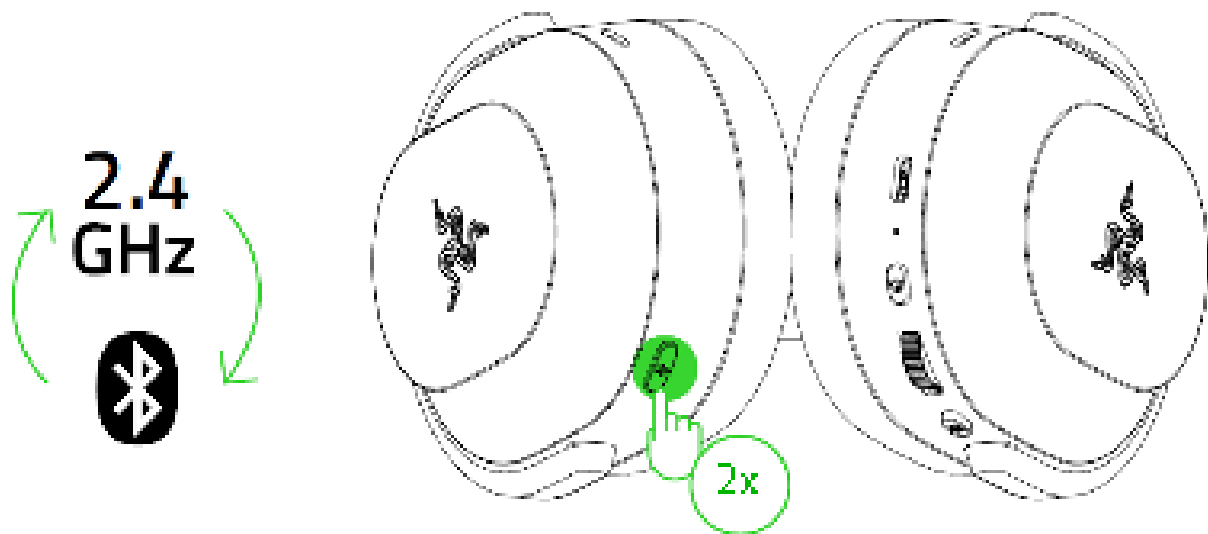
Single press	Play/pause*
	Accept incoming call or end current call
	Put call on-hold and accept incoming call
	End call and swap to on-hold call
Double press	Cancel outgoing call
	Reject incoming call
	Swap calls
Triple press	Skip track
	Previous track
While powered off, press and hold for 5 seconds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

**You can also use this function when using the Type-C™ wireless dongle as an audio source.*

RAZER SMARTSWITCH BUTTON

Switching audio source

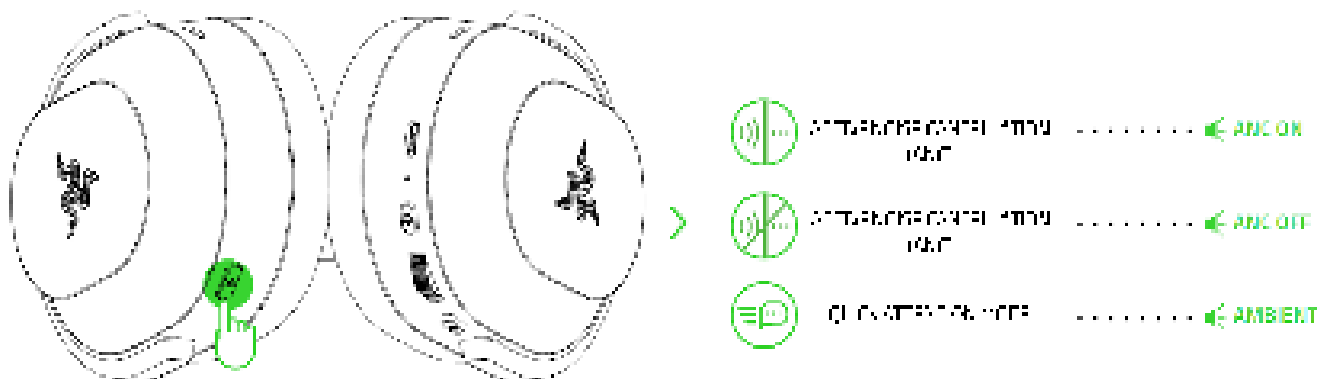
When powered on and connected to any audio source, double press the Razer SmartSwitch button to switch between the Type-C wireless dongle and Bluetooth audio source or vice versa.



i 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.

Enabling ANC / Quick Attention Mode

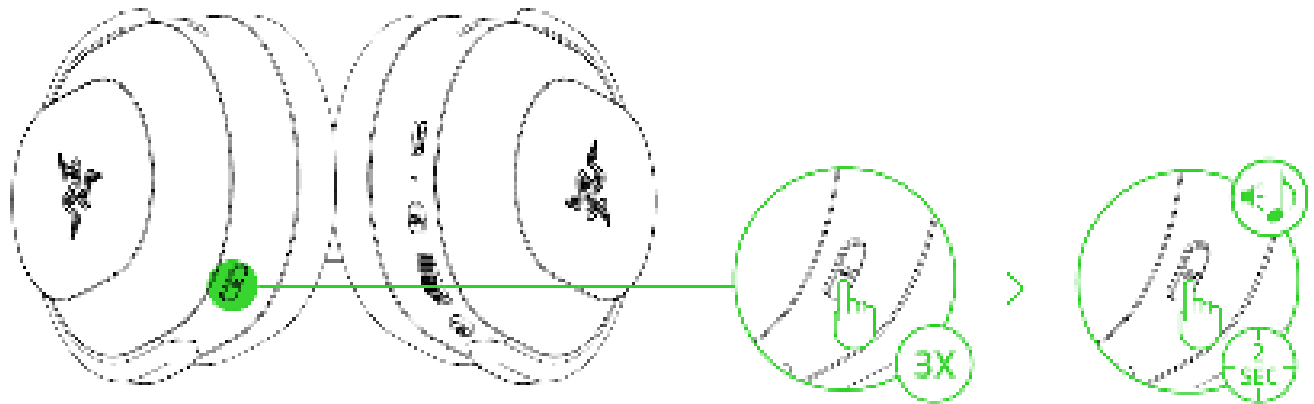
Active Noise Cancellation helps eliminate background noise, while Quick Attention Mode allows you to hear your surroundings without removing the headset. While connected, press the Razer SmartSwitch button to cycle through ANC On, Quick Attention Mode, and ANC Off.



i An audio prompt will notify you when ANC and Quick Attention Mode have been enabled. Complete customization of these functions can be made using the Razer Audio app.

Enabling / Disabling Gaming Mode

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




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

UNDERSTANDING RAZER SMARTSWITCH

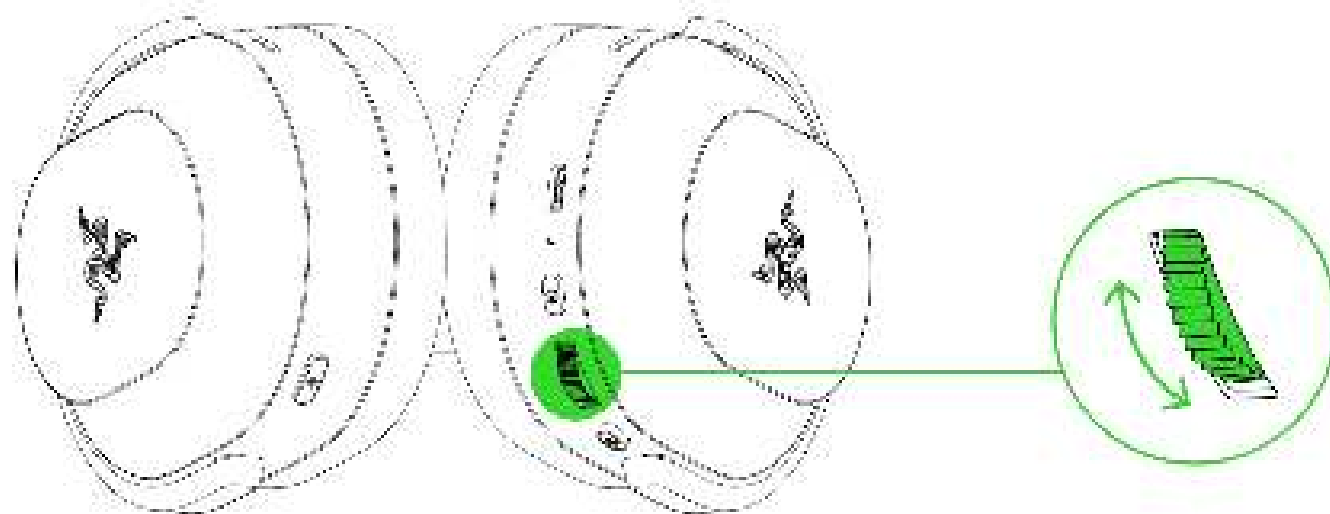
With the Razer Barracuda Pro simultaneously connected to a PC or gaming console (via Type-C wireless dongle) and a mobile device (via Bluetooth), you'll be able to conveniently take calls from a connected Bluetooth device and switch back to the game audio without removing the headset. The status indicator 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 calls when your headset is connected to a Bluetooth device and Type-C wireless dongle:

Headset audio	Razer SmartSwitch behavior
Streaming via Type-C wireless dongle	<ul style="list-style-type: none">▪ The headset will automatically switch to Bluetooth audio source for incoming calls from your mobile device and resume using the Type-C wireless dongle after each call.▪ When the same app (e.g., Teams, Messenger), using the Razer SmartSwitch button to answer the incoming call will automatically switch the headset to Bluetooth audio source. The headset will resume using the 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 in the Razer Audio app.</i>▪ Audio from the connected mobile device will ONLY automatically stream on the headset if an audio is present or streaming on the Type-C wireless dongle.▪ Auto-pause or 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 Type-C wireless dongle and a source, your headset will remain connected to your mobile device via Bluetooth. However, the Razer Audio app will no longer scan for audio sources from your mobile device.▪ Auto-pause or 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.

VOLUME WHEEL

Rotate the Volume wheel to increase or decrease the volume.



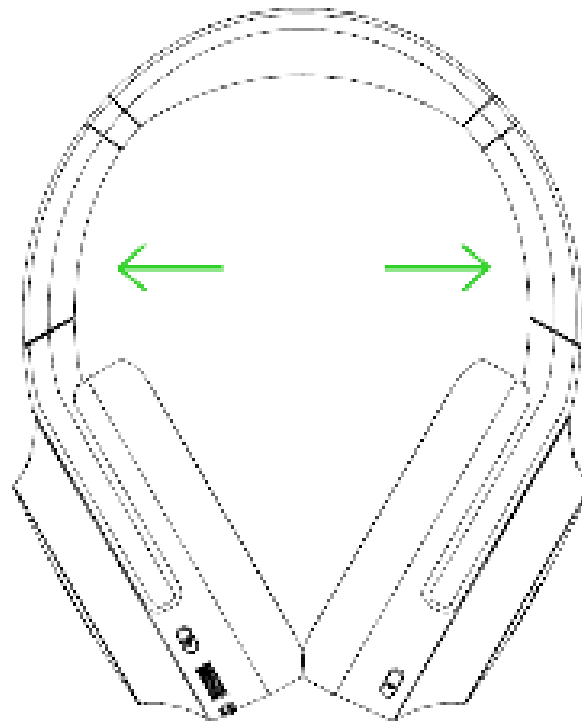
MUTING / UNMUTING THE MICROPHONE

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



EXTENDING YOUR HEADSET'S LIFESPAN

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



7. CONFIGURING YOUR RAZER BARRACUDA PRO

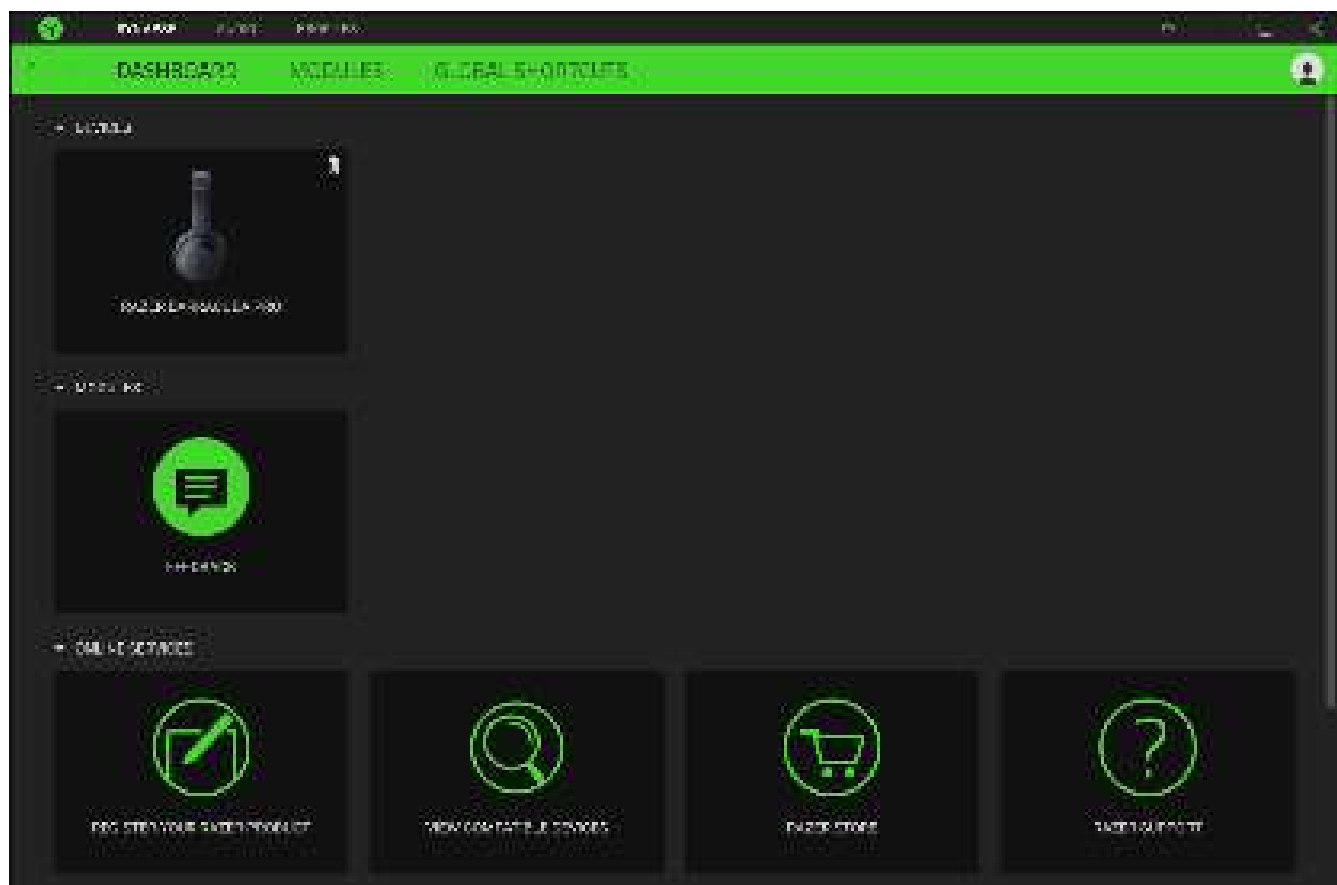
- 1 *Internet connection is required for installation, updates, and cloud-based features. Registering for a Razer ID account is recommended but optional. All listed features are subject to change based on the current software version, the connected device(s), and supported apps and software.*

SYNAPSE TAB

The Synapse tab is your default tab when you first launch Razer Synapse. This tab allows you to navigate the Dashboard sub-tab.

Dashboard

The Dashboard sub-tab is an overview of your Razer Synapse, where you can access all your Razer devices, modules, and online services.



Modules

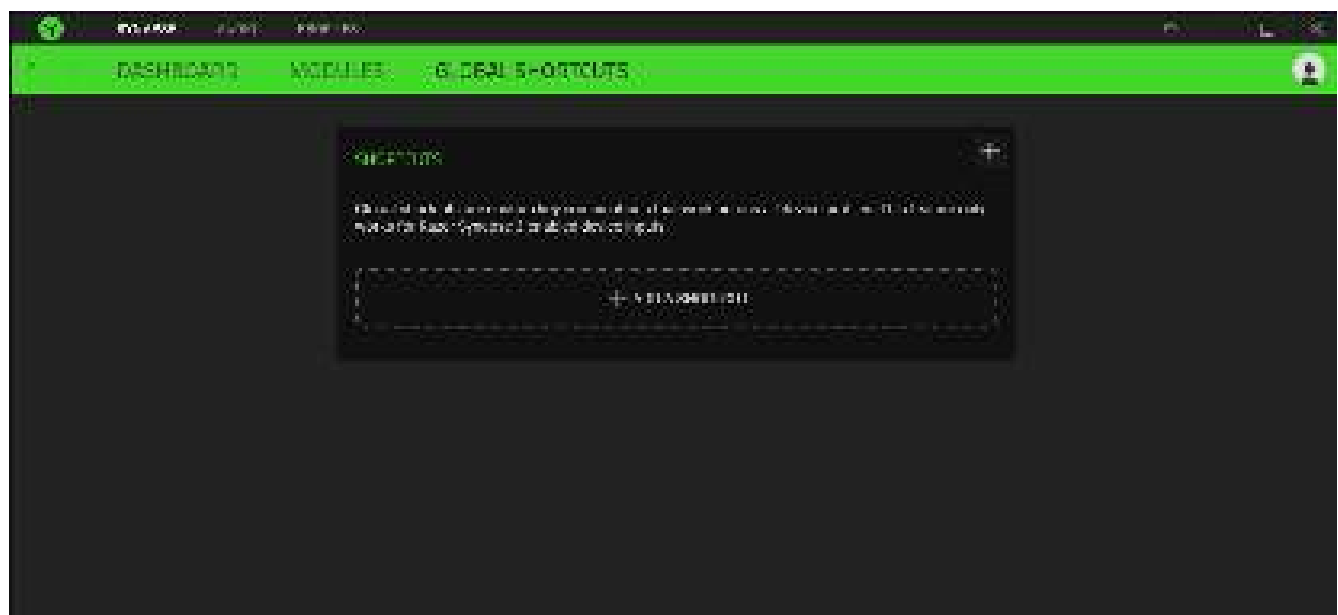
The Modules subhead displays all installed and available modules for installation.



Global Shortcuts

Bind operations or Razer Synapse Functions to custom key combinations from Razer Synapse-enabled device inputs that apply across all device profiles. [Learn more about Profiles](#)

! Only Razer Synapse-enabled device inputs will be recognized



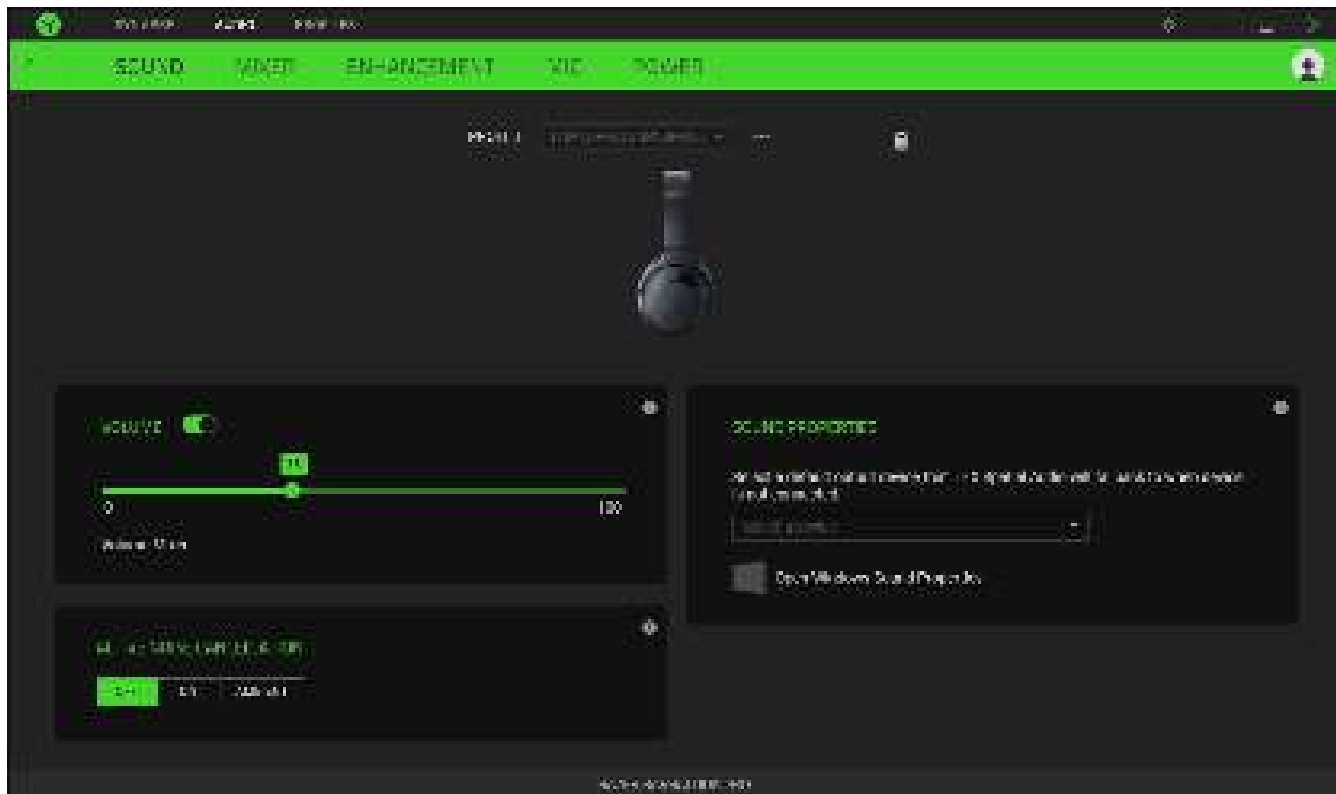
AUDIO TAB

- ❗ Set *Trix Spatial Audio* as your default playback or output device from the *Sound icon* on the system tray

The Audio tab is the main tab for your Razer Barracuda Pro. From here, you can customize your device's settings to unleash its full potential. Changes made under this tab are automatically saved to your system and cloud storage.

Sound

The Sound subtab is for adjusting the overall system volume or individual volume of all active applications, controlling ANC, changing the default fallback device, and accessing Windows Sound properties.



Profile

Profile is data storage for keeping all your Razer peripheral's settings. By default, the profile name is based on your system's name. Press the *Miscellaneous* button (⋮) to add, rename, duplicate, or delete a profile.

Volume

Adjust the audio volume of the device. You may also access the *Windows* volume mixer of the current playback device, where you can proportionally adjust the system's overall volume or individually adjust the volume of each active application.

Active Noise Cancellation

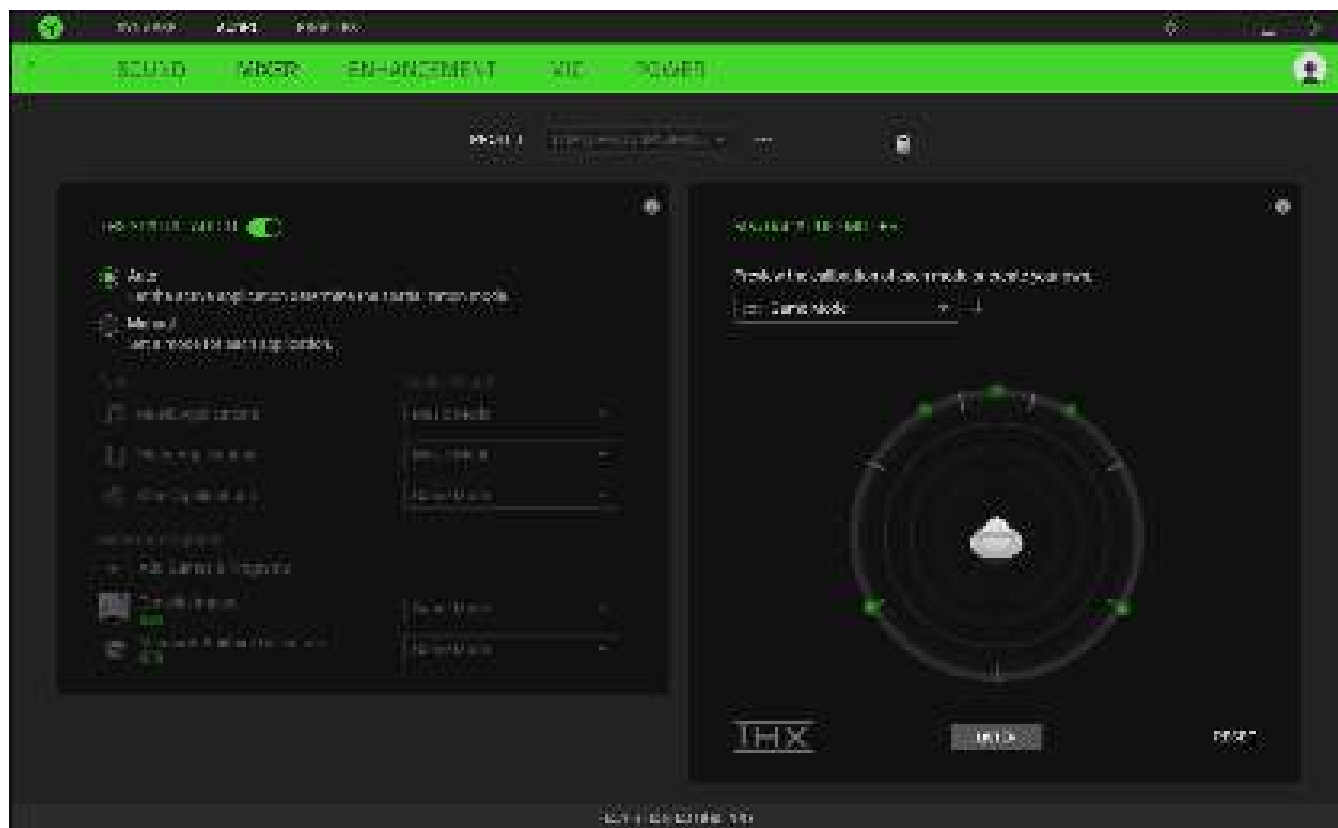
Turn on Active Noise Cancellation and adjust its level to control how much background noise will be suppressed, or switch to Ambient to stay aware of your surroundings.

Sound Properties

Set a default output device that the TFX Spatial Audio will use when the Razer Barracuda Pro is not connected. You may also click on the Windows Sound Properties link to manage your system's sound settings, such as modifying the playback and recording device settings, sound scheme, and default communications activity.

Mixer

The Mixer subtab allows you to enable or disable the THX Spatial Audio and its settings and calibrate the audio positioning of all virtual speakers of the active spatial audio mode.



THX Spatial Audio

THX Spatial Audio technology is an advanced positional audio solution that delivers a highly detailed, immersive experience as you game.

Toggle this setting to enable or disable THX Spatial Audio and its settings. This is set to **Auto** by default, where all applications will use the recommended output settings. Using **Manual** will allow you to assign preferred spatial audio modes to specific application types and/or applications.

Spatial Audio Modes

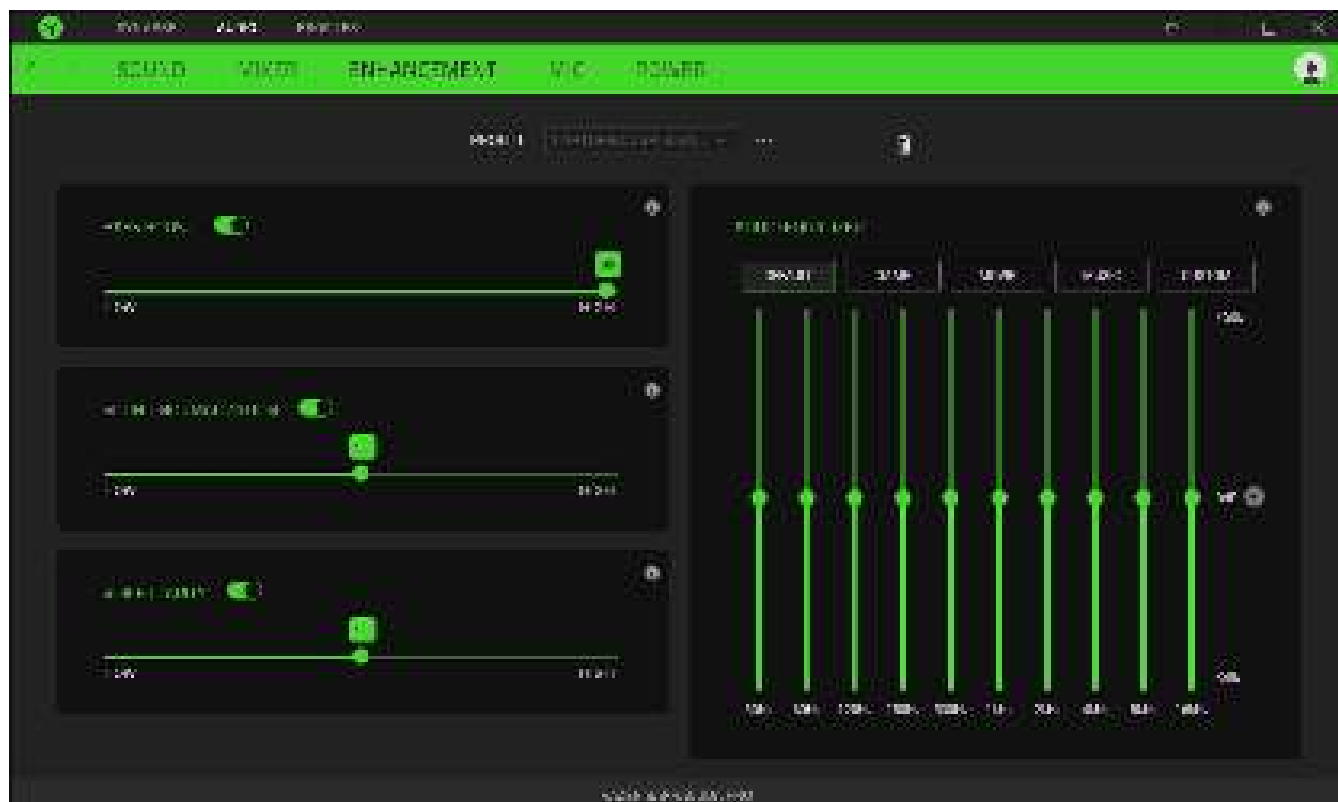
Preview the calibration of each available spatial audio mode preset using the **Listen** button.

Changing the position of any virtual speaker (in any preset mode) will automatically create a **Custom Mode**. Alternatively, you may also click on the **Add** button (+) to create a new **Custom Mode**.

Click on the miscellaneous button (⋮) to rename, duplicate, or delete the selected custom mode on any Custom Mode. To revert the current mode to its original settings, click on the **Reset** button.

Enhancement

The Enhancement subtab is for customizing your audio system's incoming audio settings and frequency response.



Bass Boost

Enhances the low-frequency response to improve the bass output of your headset.

Sound Normalization

Reduces the loudest audio received to avoid a sudden and unpleasant increase in volume from effects such as shouting or explosions.

Voice Clarity

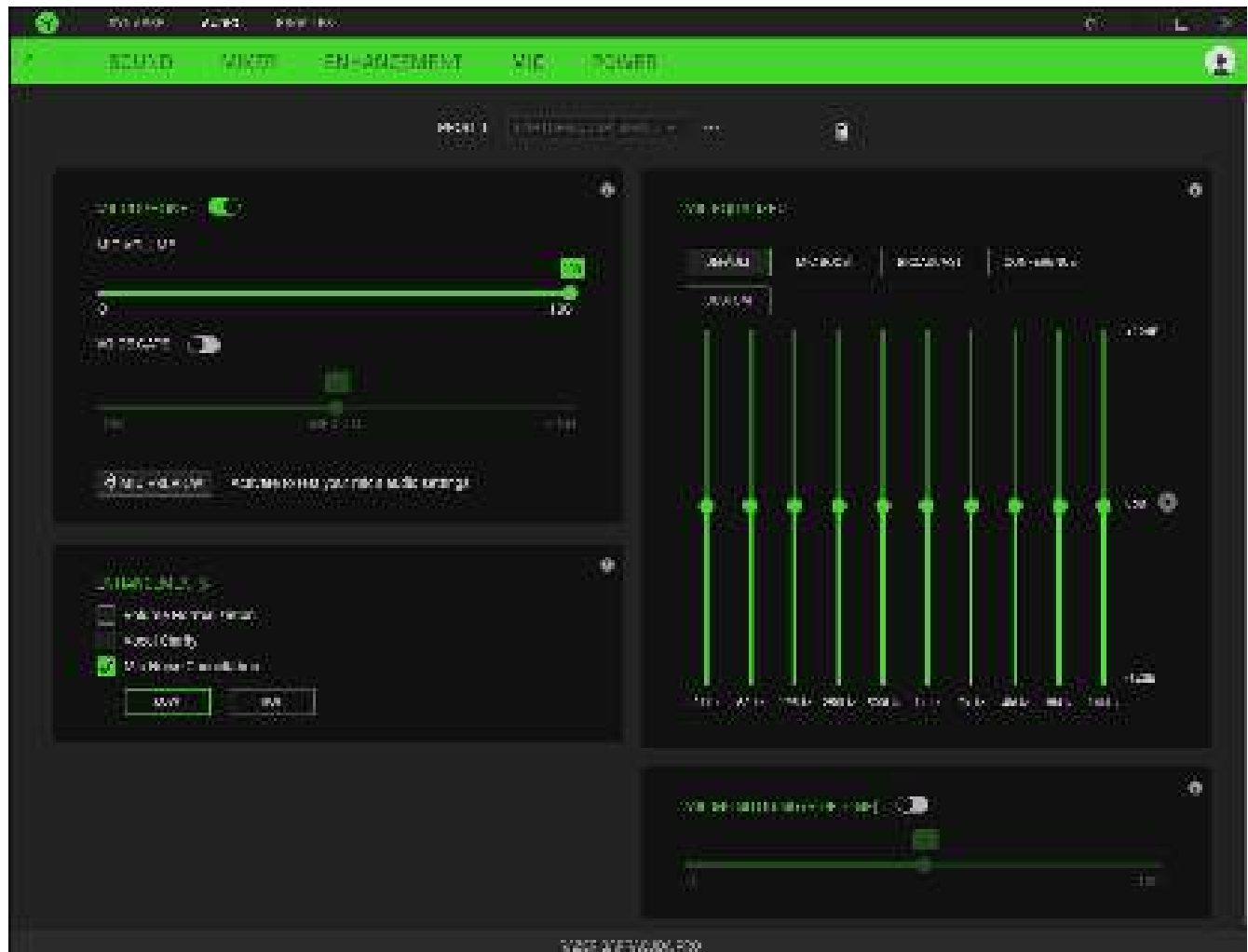
Enhances the quality of incoming voice conversations by filtering the sound to improve its clarity and volume.

Audio Equalizer

Select any available equalizer presets created for the best audio experience designed for balance, gaming immersion, movie viewing, or enjoying your favorite music. Manually adjusting an equalizer preset will automatically set it to Custom.

Mic

The Mic subtab enables you to change all outgoing mic audio settings.



Microphone

Control the mic volume and mic input for clearer mic audio.

Mic Volume

Adjust the microphone input or mute the mic.

Voice Filter

Control the amount of mic input to cut out background noises and isolate your voice. Any sound that registers below the threshold will be muted.

Enhancements

Improve the quality of the microphone by enabling any of the listed features below:

- **Volume Normalization:** Reduces the variation of loudness.
- **Vocal Clarity:** Emphasizes the voice frequency.
- **Ambient Noise Reduction:** Decreases environmental noise.

Mic Equalizer

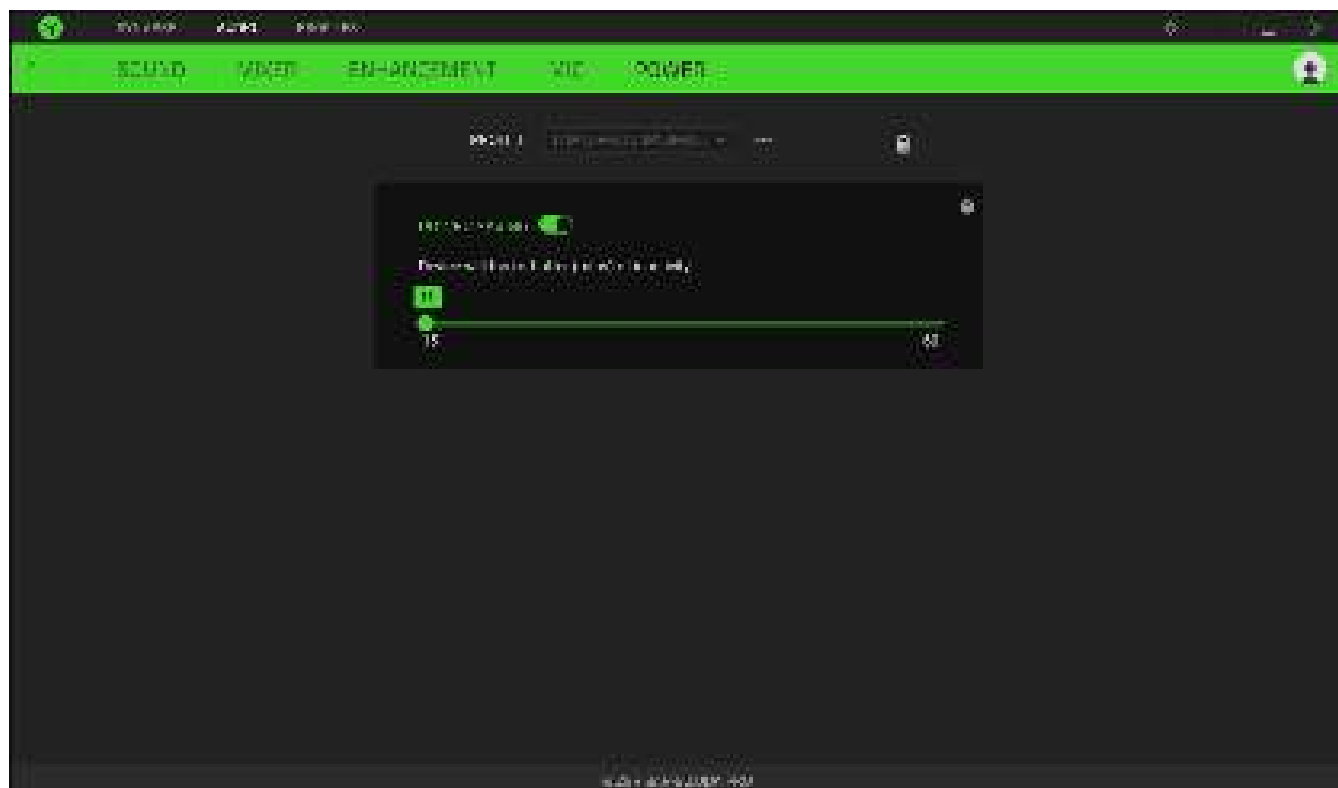
Select any of the available mic equalizer presets which best fits your mic needs. Manually adjusting any equalizer preset will automatically set it as a Custom preset.

Mic Monitoring (Sidetone)

Enable this setting to monitor the microphone's raw audio input through the headset with an additional option to increase or decrease the audio monitoring volume.

Power

The Power subtab allows you to manage your device's energy consumption by setting it to power off when idle for a certain amount of time.

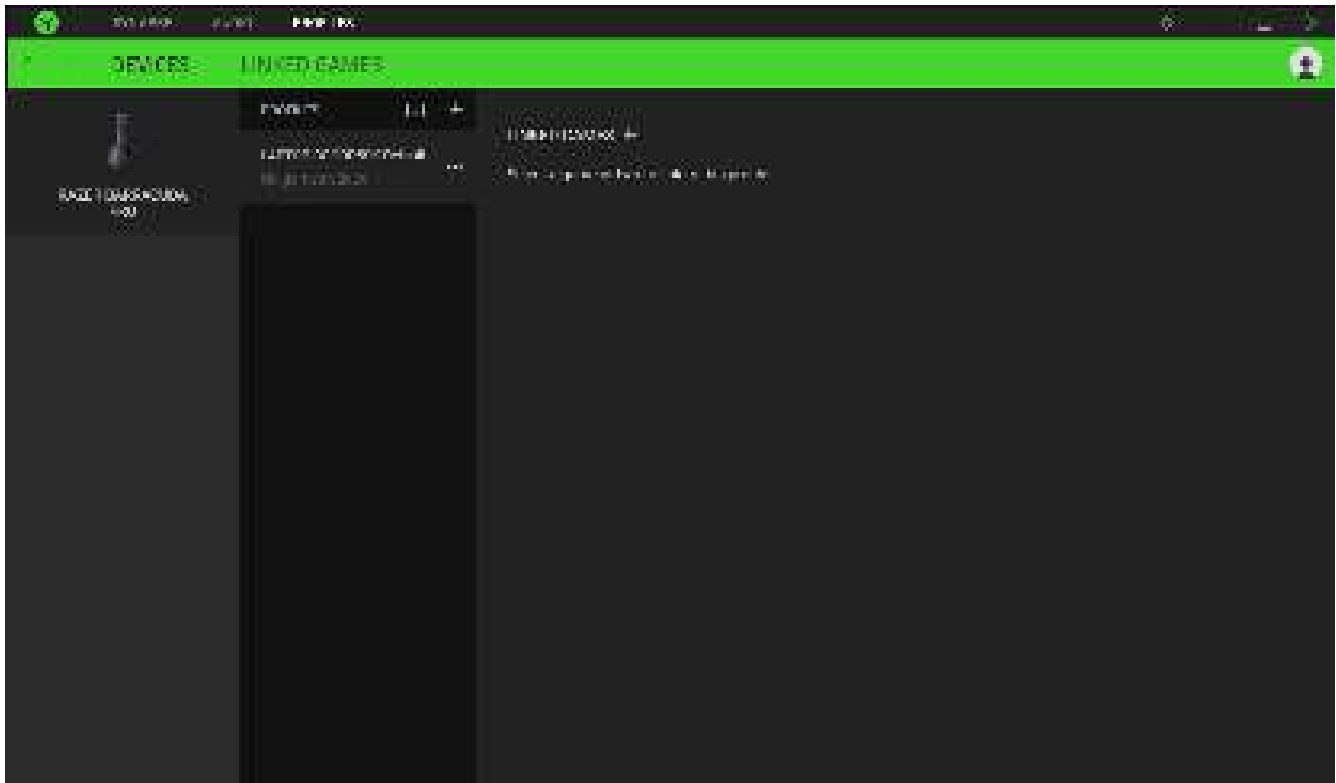


PROFILES TAB

The Profiles tab is a convenient way to manage all your profiles and link them to your games and applications.

Devices

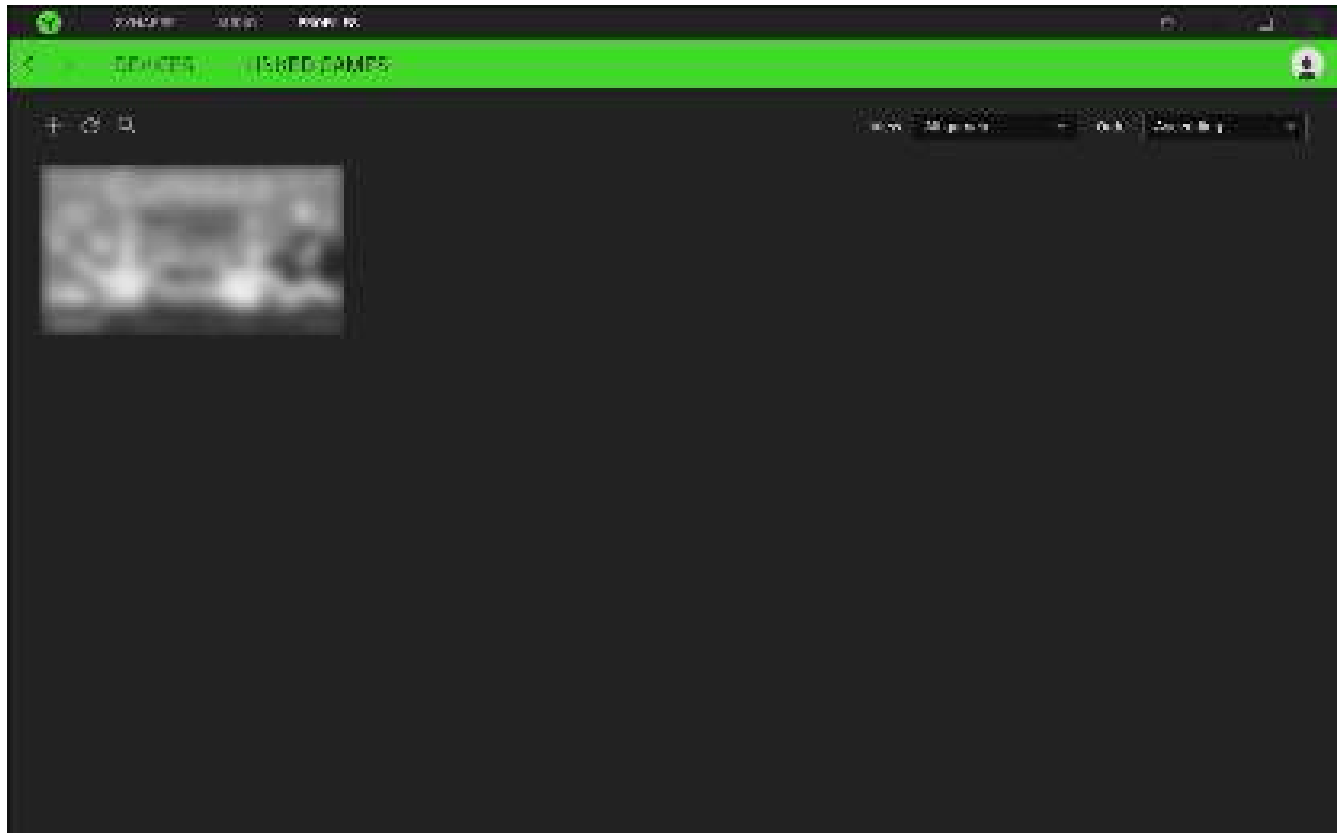
View which games are linked to each device's profiles or which Chroma Effect is linked to specific games using the Devices subtab.



You can import Profiles from your computer or the cloud through the import button (⌘) or create new profiles within a selected device using the add button (+). To rename, duplicate, export, or delete a profile, simply press the Miscellaneous button (⋮). Each profile can be set to activate automatically when you run an application using the Linked Games option.


Linked Games

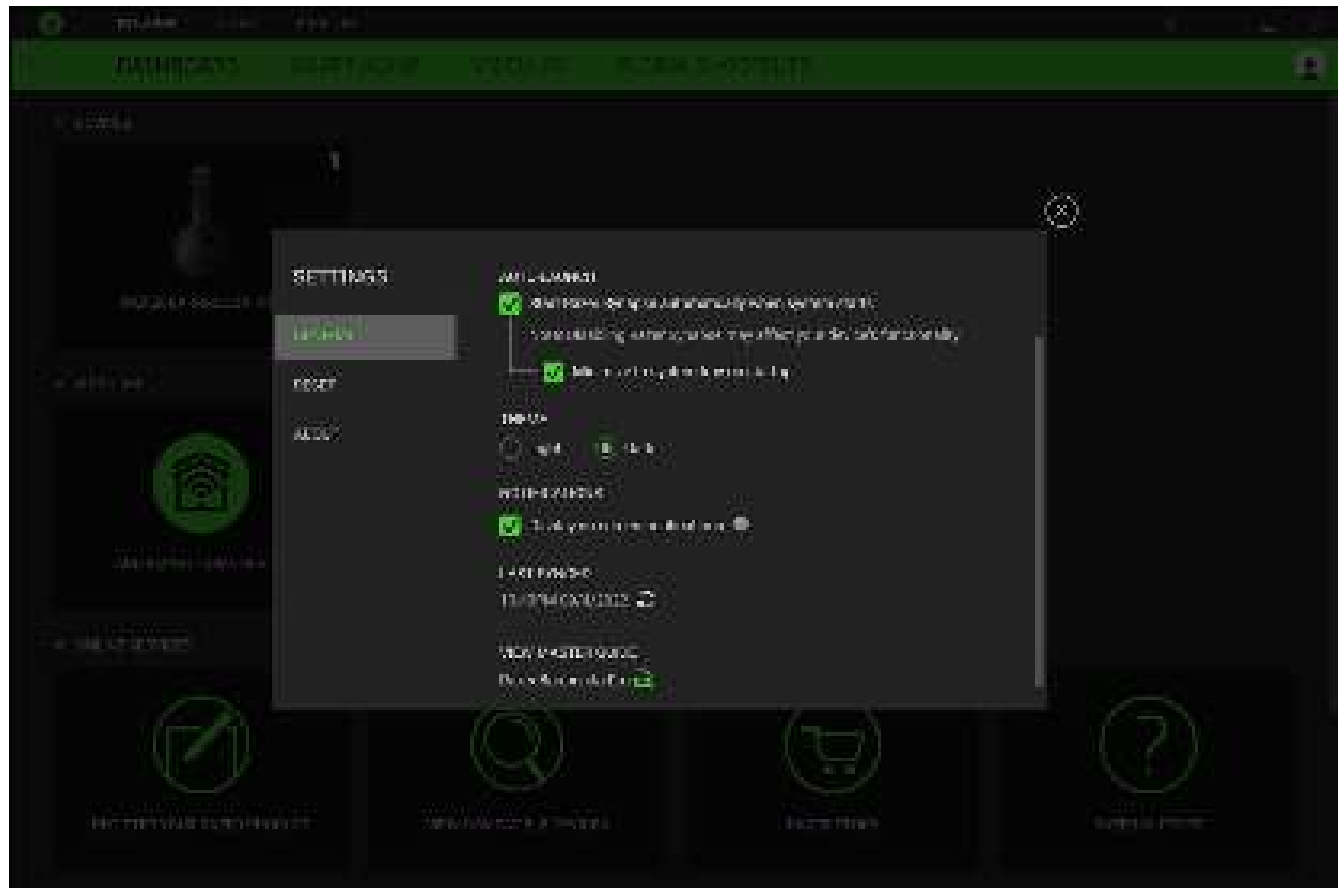
The Linked Games subtab gives you the flexibility to add games, view devices that are linked to games, or search for added games. You can also sort games based on Alphabetical order, Most played, or most played. Added games will still be listed here even if it is not linked to a Razer device.




To link games to connected Razer devices or Chroma Effects, simply click on any game from the list, and then click **Select a device and its profile to launch automatically during gameplay** to select the Razer device or Chroma Effect it will link with. Once linked, you may click on the Miscellaneous button (⋮) of the corresponding Chroma Effect or device to select a specific Chroma Effect or profile.

SETTINGS WINDOW

The Settings window, accessible by clicking the  button on Razer Synapse, enables you to configure the startup behavior and display language of Razer Synapse, view the master guides of each connected Razer device, or perform a factory reset on any connected Razer device.



General tab

The default tab of the Settings window. The General tab lets you change the software's display language, startup behavior, display theme, and onscreen notifications. You may also manually sync your profiles to the cloud () or view the master guide of all connected Razer devices and installed modules.

Reset tab

The Reset tab allows you to perform a factory reset on a connected Razer device with onboard memory and/or reset Razer Synapse tutorials to acquaint yourself with Razer Synapse's new features in its next launch.



By resetting a Razer device, all profiles stored on the selected device's onboard memory will be erased.

About tab

The About tab displays brief software information and copyright statement and provides relevant links for its terms of use. You may also use this tab to check for software updates or as quick access to Bazel's social communities.

8. SAFETY AND MAINTENANCE

SAFETY GUIDELINES

To achieve maximum safety while using your Razer Barracuda Pro, we suggest that you adhere to the following guidelines:

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

Do not take apart the device and do not attempt to operate it under abnormal current loads. Doing so will void your warranty.

Keep the device away from liquid, humidity, or moisture. Operate the device only within the specified 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 let the temperature stabilize to an optimal level.

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 that require 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 65dB 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 Barracuda Pro requires minimum maintenance to keep it in optimum condition. Once a month, we recommend you clean the device using a soft cloth or cotton swab to prevent dirt buildup. Do not use soap or harsh cleaning agents.

BATTERY WARNING

The Razer Barracuda 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 Barracuda Pro may be drained (has a low charge), try charging it.

Caution: Do not 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.

9. LEGALESE

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LIMITATION OF LIABILITY

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GENERAL

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