



RAZER BARRACUDA

MASTER GUIDE

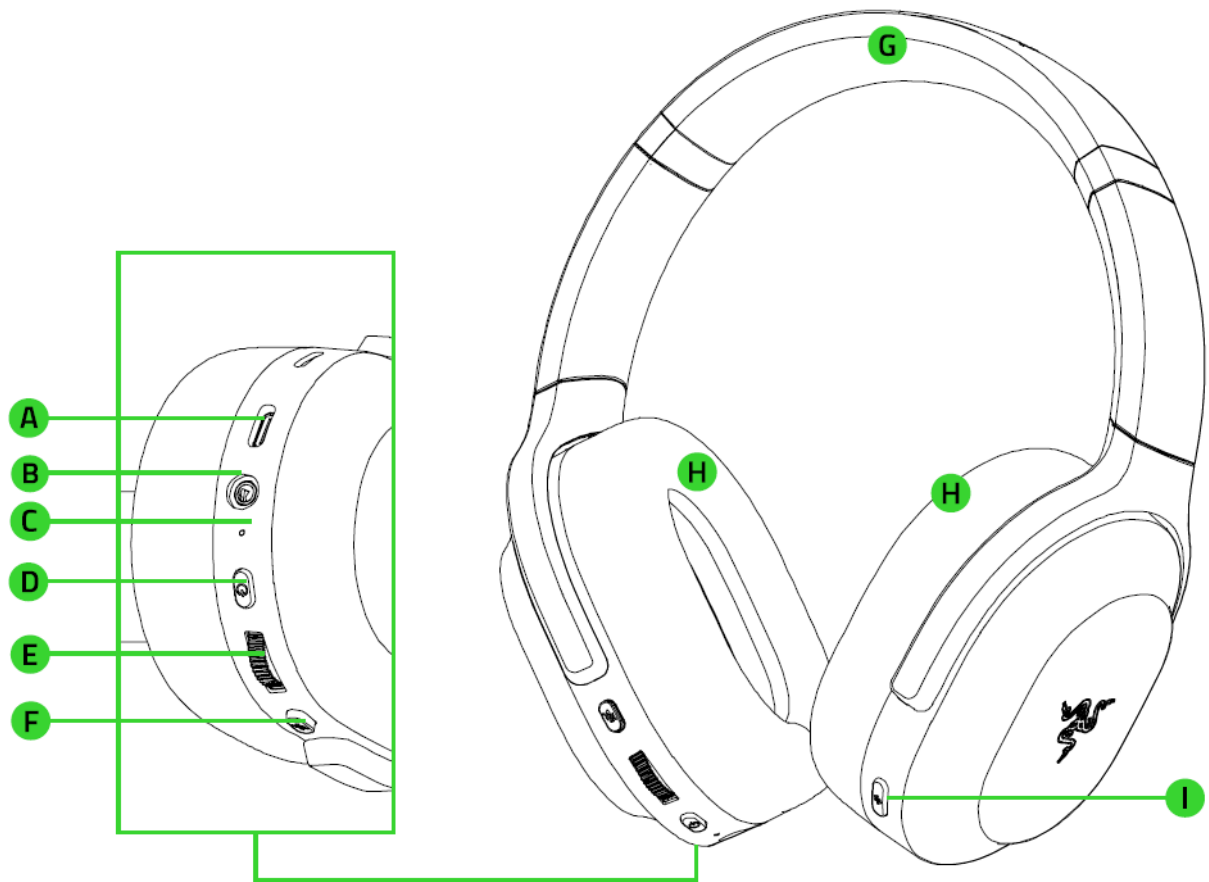
Whether you're indoors or outdoors, it's all the same to the **Razer Barracuda**—a wireless multi-platform gaming and mobile headset. Able to intelligently switch between high-speed 2.4GHz and Bluetooth based on use, enjoy seamless audio backed by clear voice pickup from its noise-cancelling mic.

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1. WHAT'S INSIDE

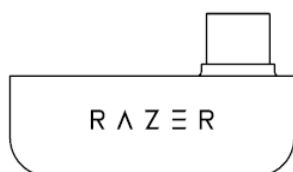
- Razer Barracuda



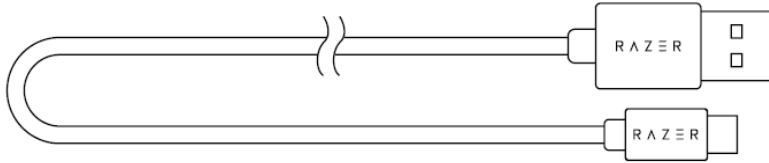
- A. Type-C charging port
- B. 3.5 mm audio + mic jack
- C. Status indicator
- D. Power button
- E. Volume control wheel
- F. Mic mute button

- G. Adjustable padded headband
- H. Ultra-soft leatherette memory foam ear cushions
- I. Razer SmartSwitch button

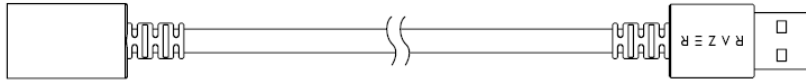
- Type-C wireless dongle



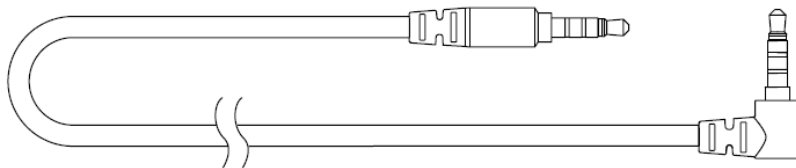
- Type-C charging cable



- Type-A to Type-C adapter cable



- 3.5 mm combo cable



- Important Product Information Guide

2. WHAT'S NEEDED

PRODUCT REQUIREMENTS

- [Wireless] Devices with Bluetooth audio capability / USB Type-C or Type-A port
- [Wired] 3.5 mm audio + mic combined jack

RAZER SYNAPSE REQUIREMENTS

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

RAZER AUDIO APP REQUIREMENTS

- iOS 12 / Android 8.1 Oreo (or higher) device with Bluetooth connectivity
- Internet connection for app installation

3. TECHNICAL SPECIFICATIONS

HEADPHONES

- Frequency response: 20 Hz – 20 kHz
- Impedance: 32 Ω @ 1 kHz
- Sensitivity: 96 dB SPL/mW@1kHz by HATS
- Drivers: Customized Dynamic 50 mm Driver
- Inner ear cup diameter: 62 x 42 mm
- Connection type: Wireless via Type-C dongle, Bluetooth, and 3.5 mm analog
- Approx. weight: 300 g / 0.66 lbs
- Oval ear cushions: Breathable memory foam cushions

MICROPHONE

- Frequency response: 100 Hz – 10 kHz
- Signal-to-noise ratio: \geq 65 dB
- Sensitivity (@1 kHz): -33 ± 3 dB
- Pick-up pattern: Omnidirectional
- Integrated Dual ECM Microphones for Voice Pickup and AI noise cancellation

ON-EARCUP CONTROLS

- 2.4GHz Wireless and Bluetooth Toggle (Smart Switch)
- Volume up and down
- Mic mute on/off toggle

AUDIO USAGE

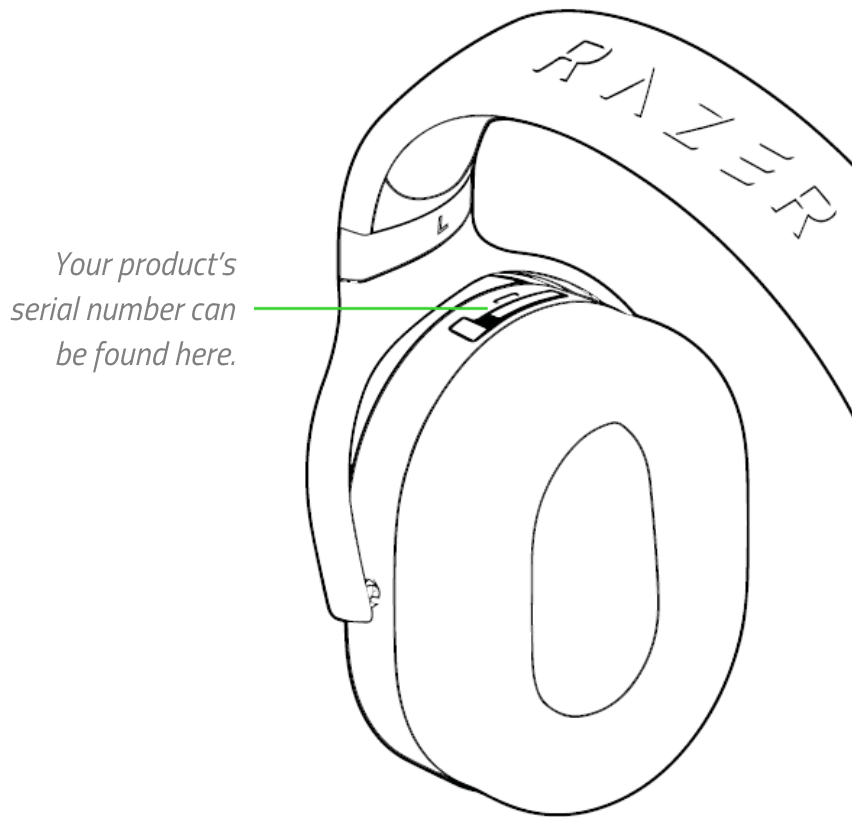
- Wireless audio usage: Wireless via Type-C dongle, Bluetooth 5.2
- Wired usage: 3.5 mm analog
- Bluetooth Codec: AAC, SBC
- THX Spatial Audio: Only available on Windows 10[®] 64-bit (or higher)

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 razerid.razer.com

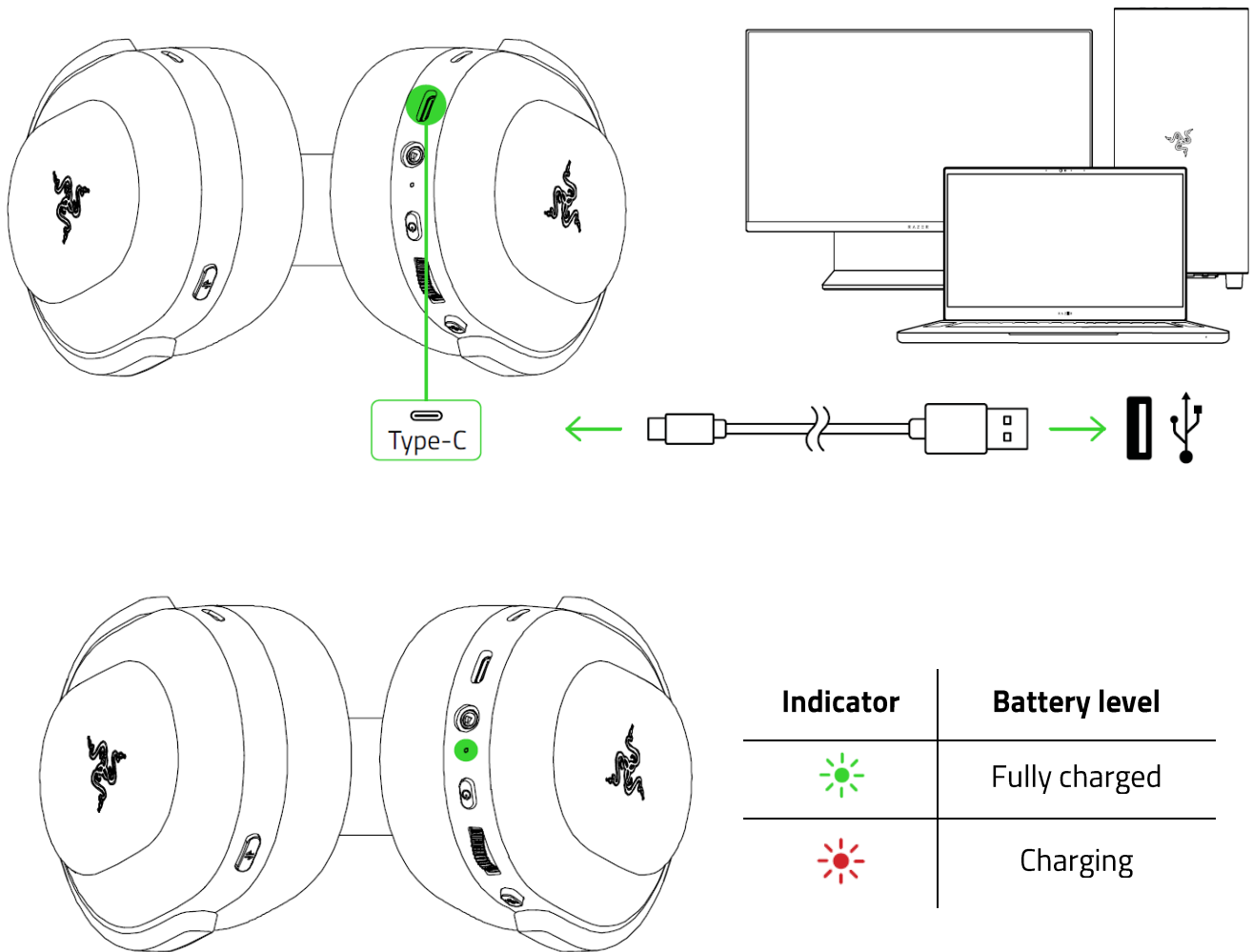


Got a question? Ask the Razer Support Team at support.razer.com

5. GETTING STARTED

CHARGING YOUR HEADSET

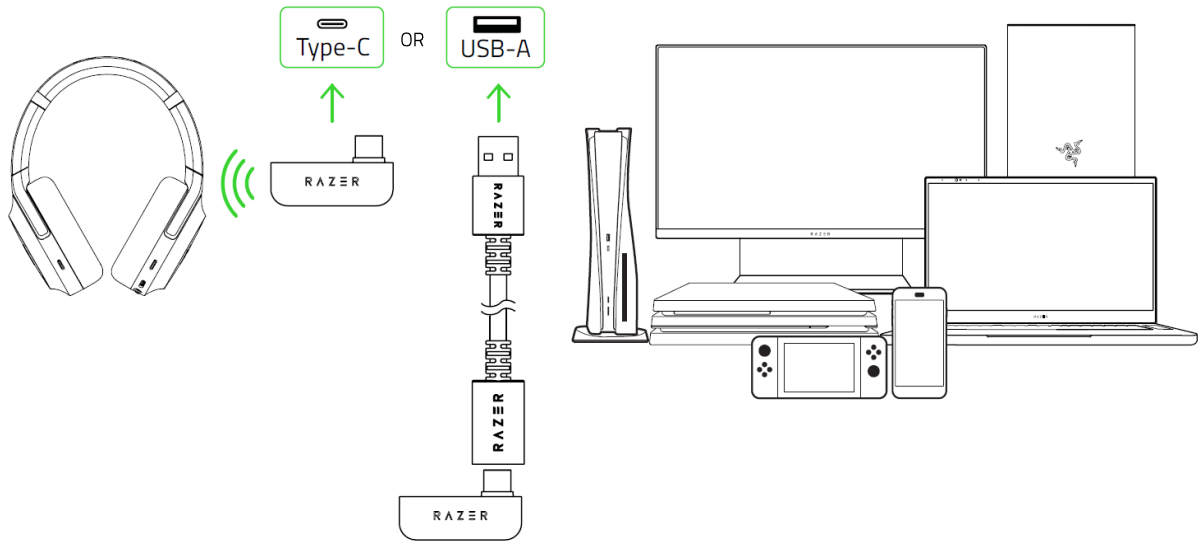
Connect your Razer Barracuda to a powered USB Type-A port using the charging cable. For best results, please fully charge your headset before using it for the first time. A depleted unit will fully charge in about 3 hours.



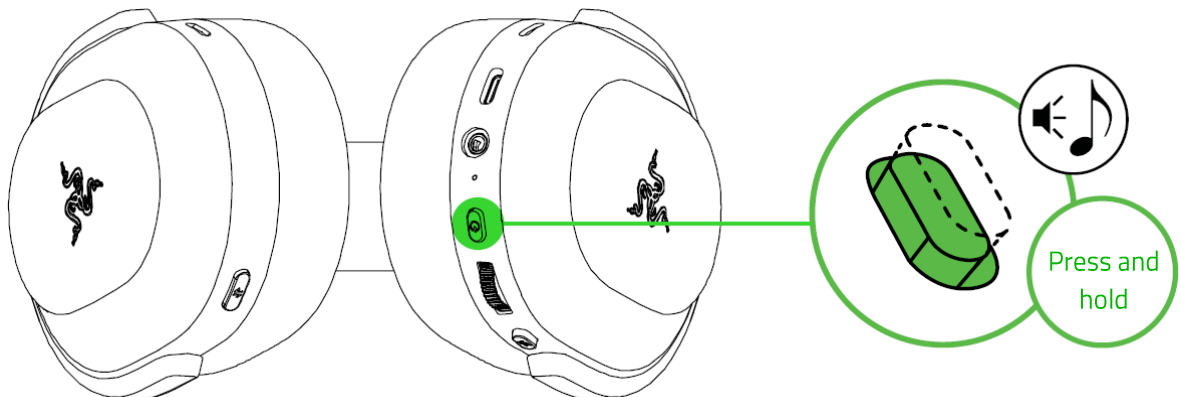
CONNECTING TO YOUR DEVICES

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 is briefly lit.



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



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

On **PC / Laptop**

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

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

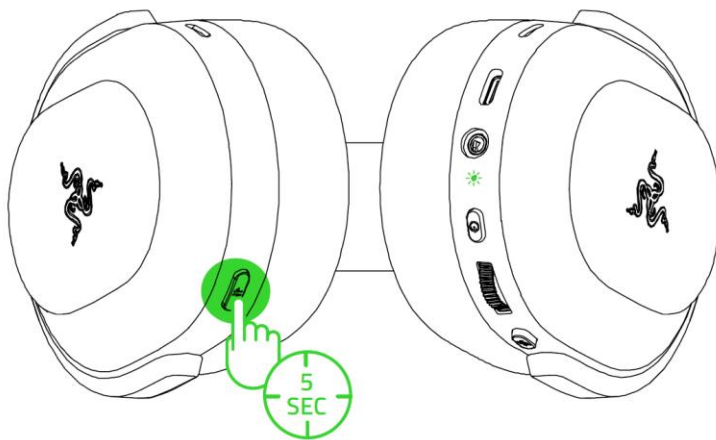
- On **Microphone**, set the **Input Device** to **Razer Barracuda 2.4**.
- On **Audio Output**, set the **Output Device** to **Razer Barracuda 2.4**.



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

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

B. Via Bluetooth

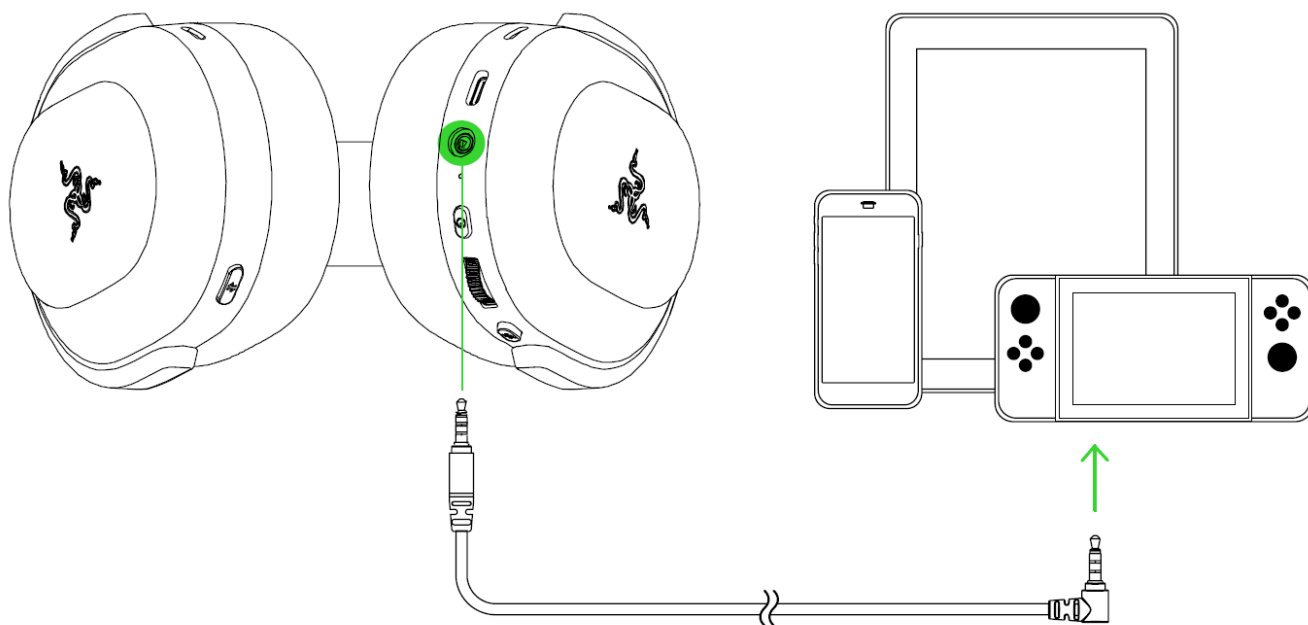
While powered on, press the Razer SmartSwitch button for 5 seconds to activate Bluetooth pairing mode. Follow your device's instructions and select "**Razer Barracuda (BT)**" from the list of found devices. The status indicator will briefly change to static blue to indicate that the headset is now paired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



Indicator	Status
	Pairing
	Paired

C. Via 3.5 mm audio + mic jack

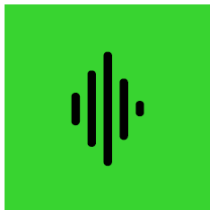
If your device has a 3.5 mm audio + mic combined jack, plug the 3.5 mm combo cable from your headset's microphone jack into your device's audio jack.



PERSONALIZE YOUR EXPERIENCE

Razer Audio app (Mobile)

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



Razer Audio



OR



RZR.TO/AUDAPP
(For China only)

i *When using the app, make sure that the headset is only 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 any 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](https://www.razer.com/synapse).*

Activate THX Spatial Audio*

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

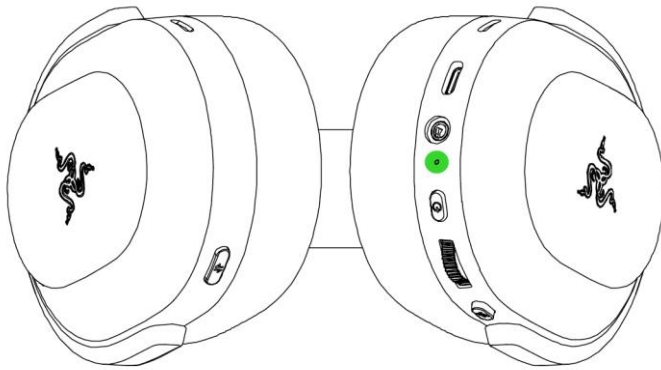



**Only available on Windows 10 64-bit and above*

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.

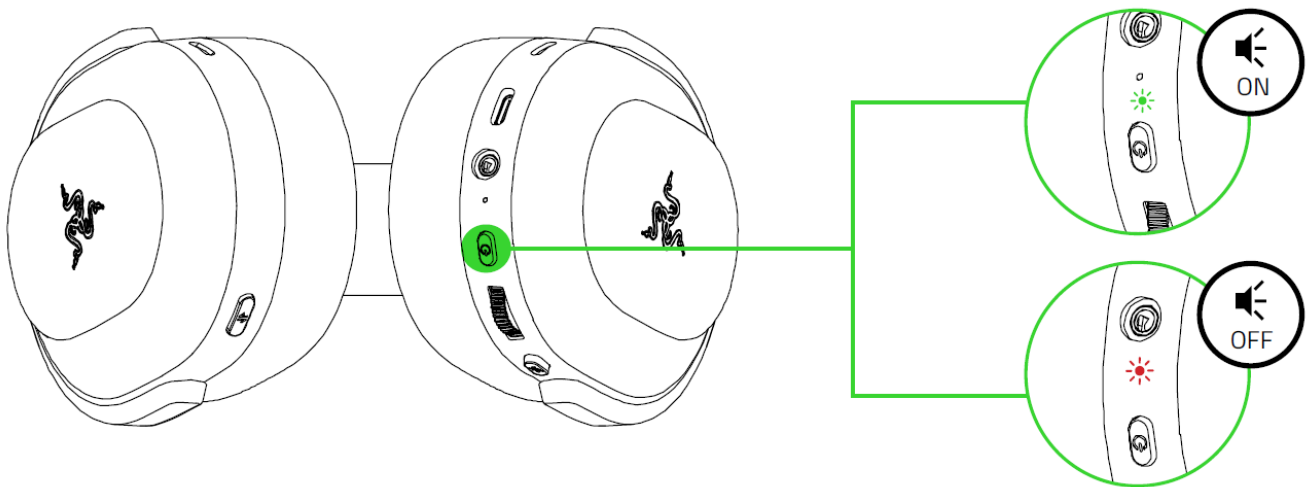


Indicator	Prompt	Battery level
	Voice	Low

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.



 *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.

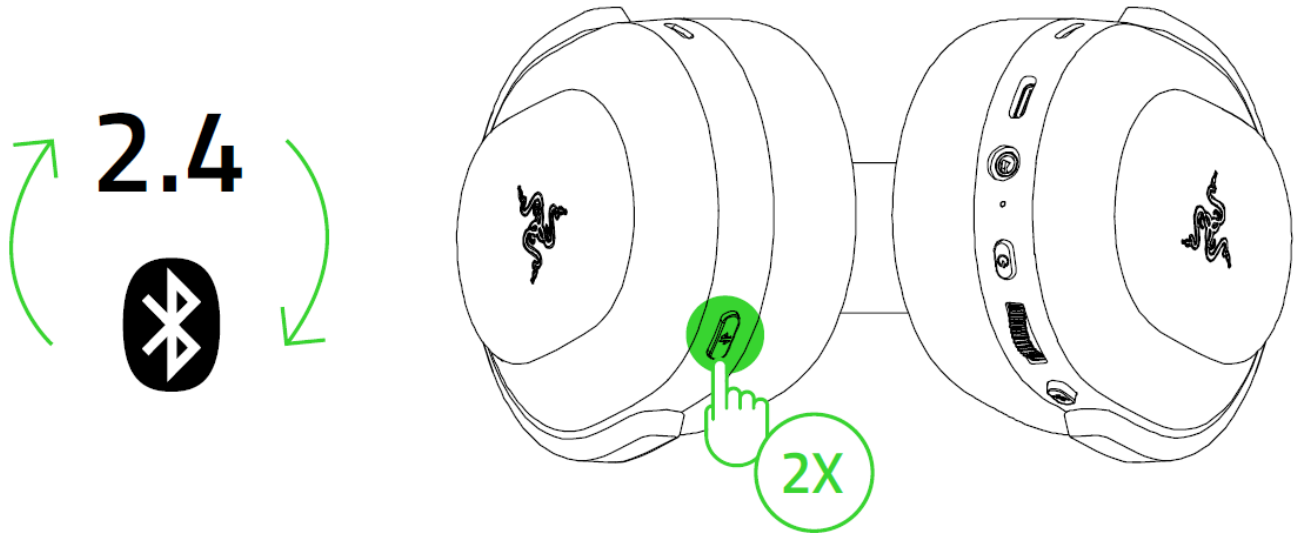
Single press	Play/pause*
	Accept incoming call or end current call
	Put call on-hold and accept incoming call
	End call and swap to on-hold call
Double press	Reject incoming call
	Swap calls
	Skip track
Triple press	Previous track
While powered off, press and hold for 5 seconds	Activate Bluetooth pairing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

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

RAZER SMARTSWITCH BUTTON

Switching audio source

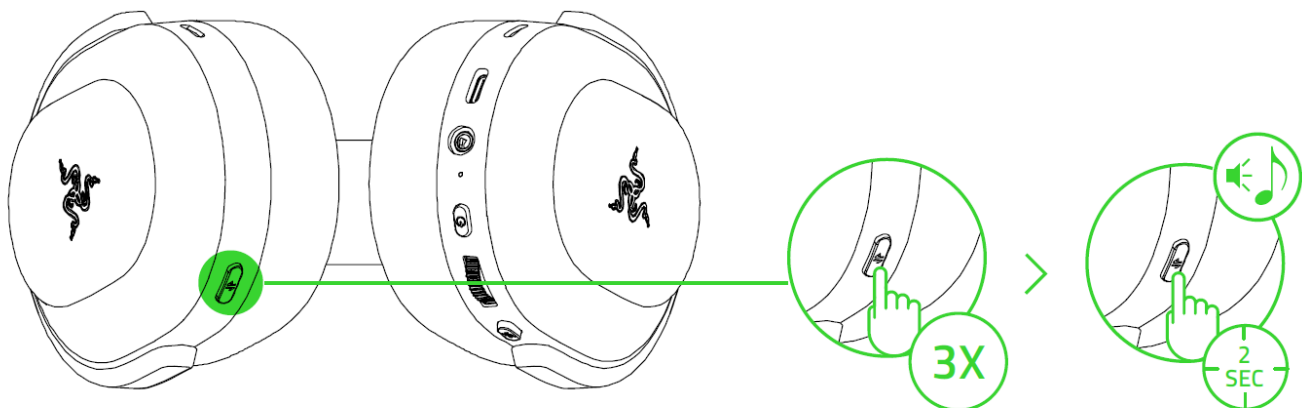
When powered on and connected to any audio source, double press the Razer SmartSwitch button to switch between the Type-C wireless dongle and Bluetooth audio source or vice versa.



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 / Disabling Gaming Mode

While connected via Bluetooth, triple press the Razer SmartSwitch 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,




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

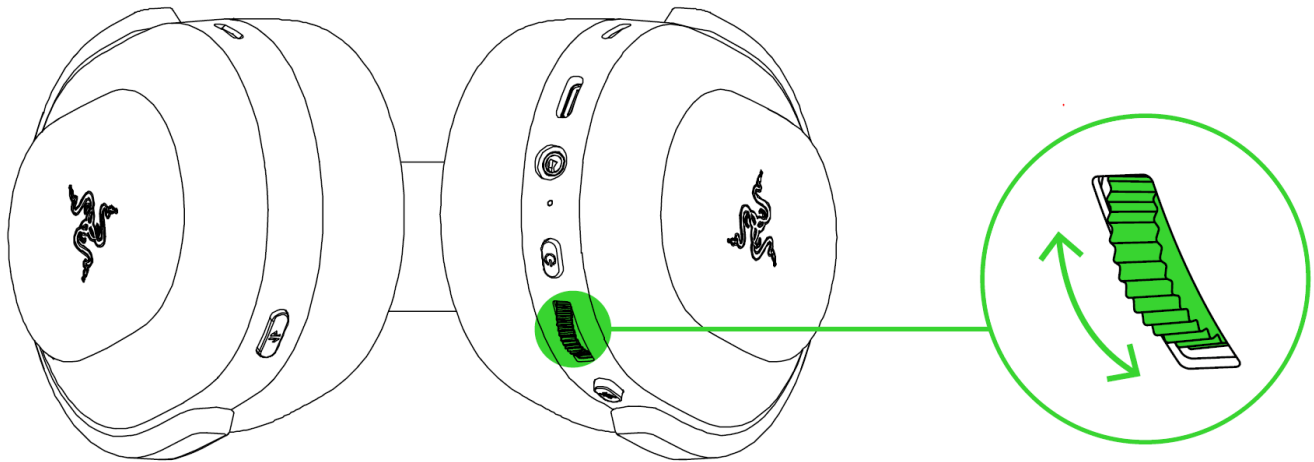
With the Razer Barracuda simultaneously connected to a PC or gaming console (via Type-C wireless dongle) and a mobile device (via Bluetooth), you'll be able to conveniently take calls from a connected Bluetooth device and switch back to the game audio without removing the headset. The status indicator 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 rings on your PC and mobile device (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 on the Razer Audio app.</i>▪ Audio from the connected mobile device will ONLY automatically stream on the headset if no audio is present or streaming on the Type-C wireless dongle.▪ 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 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.

VOLUME WHEEL

Rotate the Volume wheel to increase or decrease the volume.



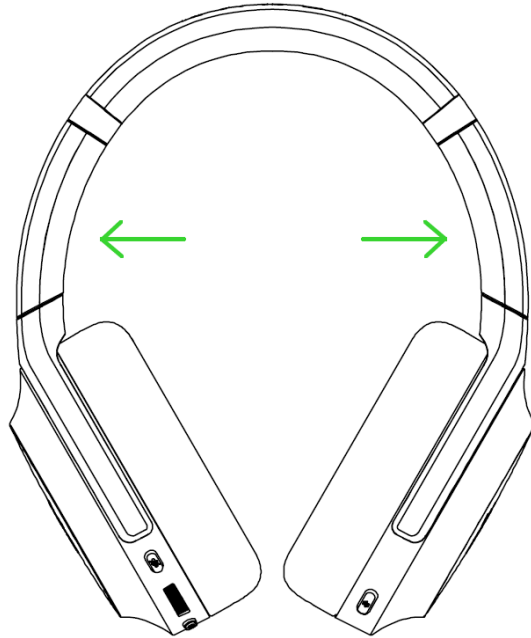
MUTING / UNMUTING THE MICROPHONE

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

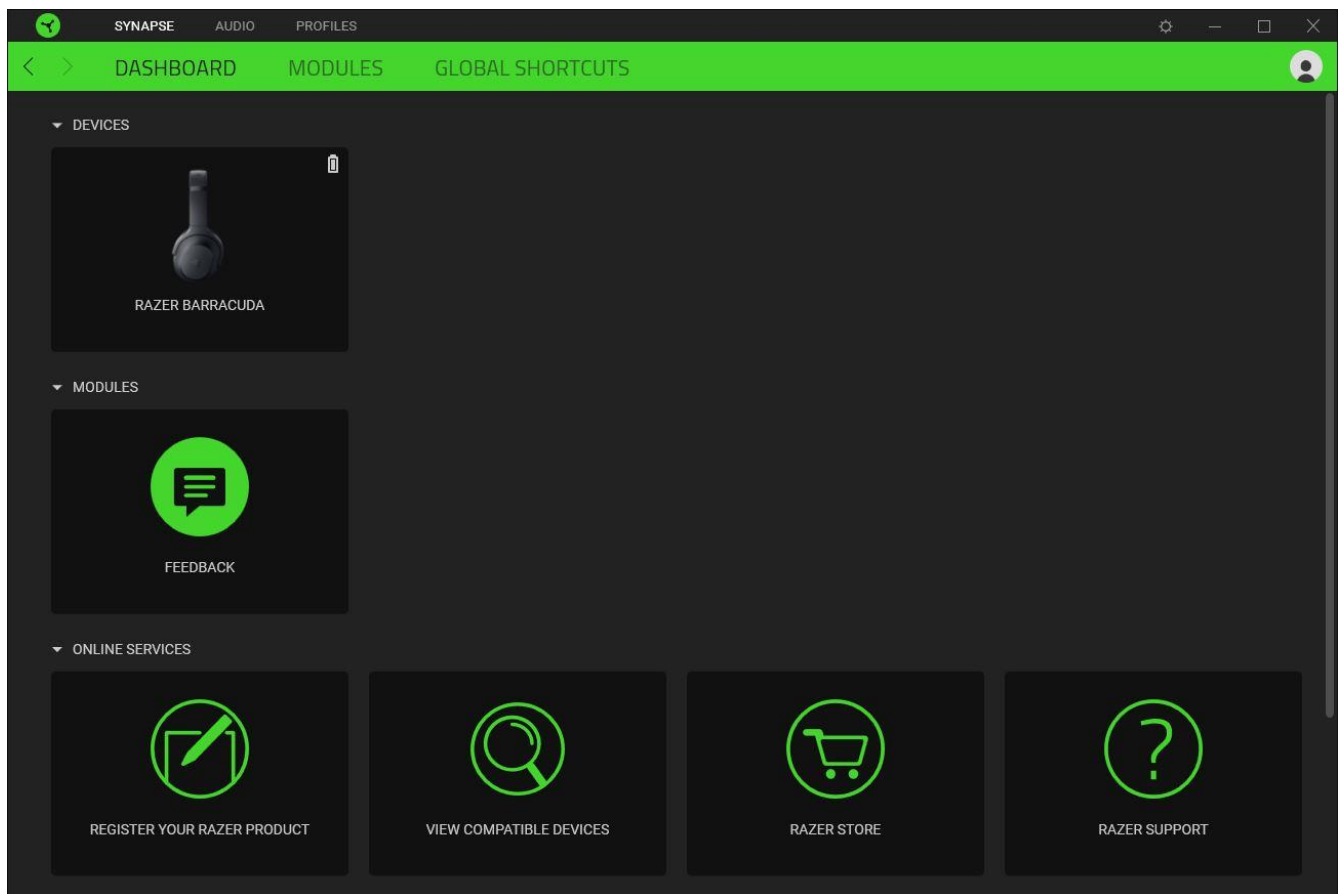
i *Internet connection is required for installation, updates, and cloud-based features. Registering for a Razer ID account is recommended but optional. All listed features are subject to change based on the current software version, the connected device(s), and supported apps and software.*

SYNAPSE TAB

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

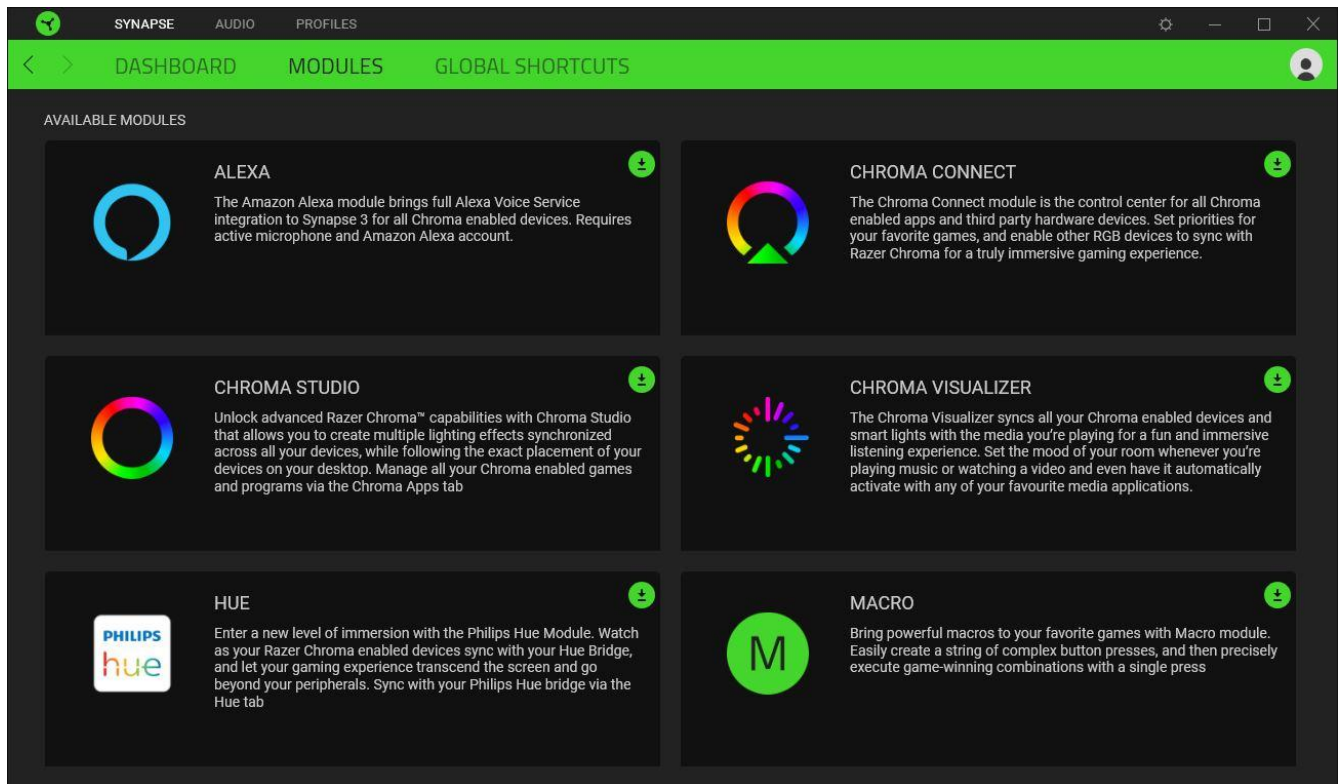
Dashboard

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



Modules

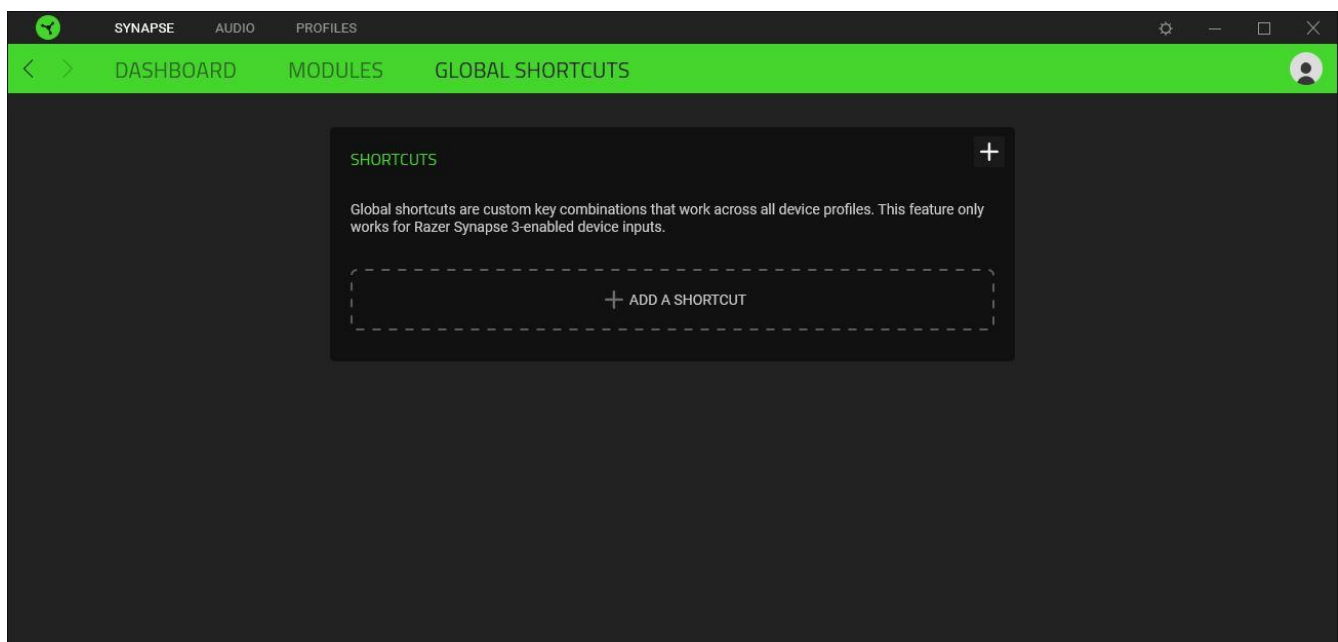
The Modules subtab displays all installed and available modules for installation.




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.



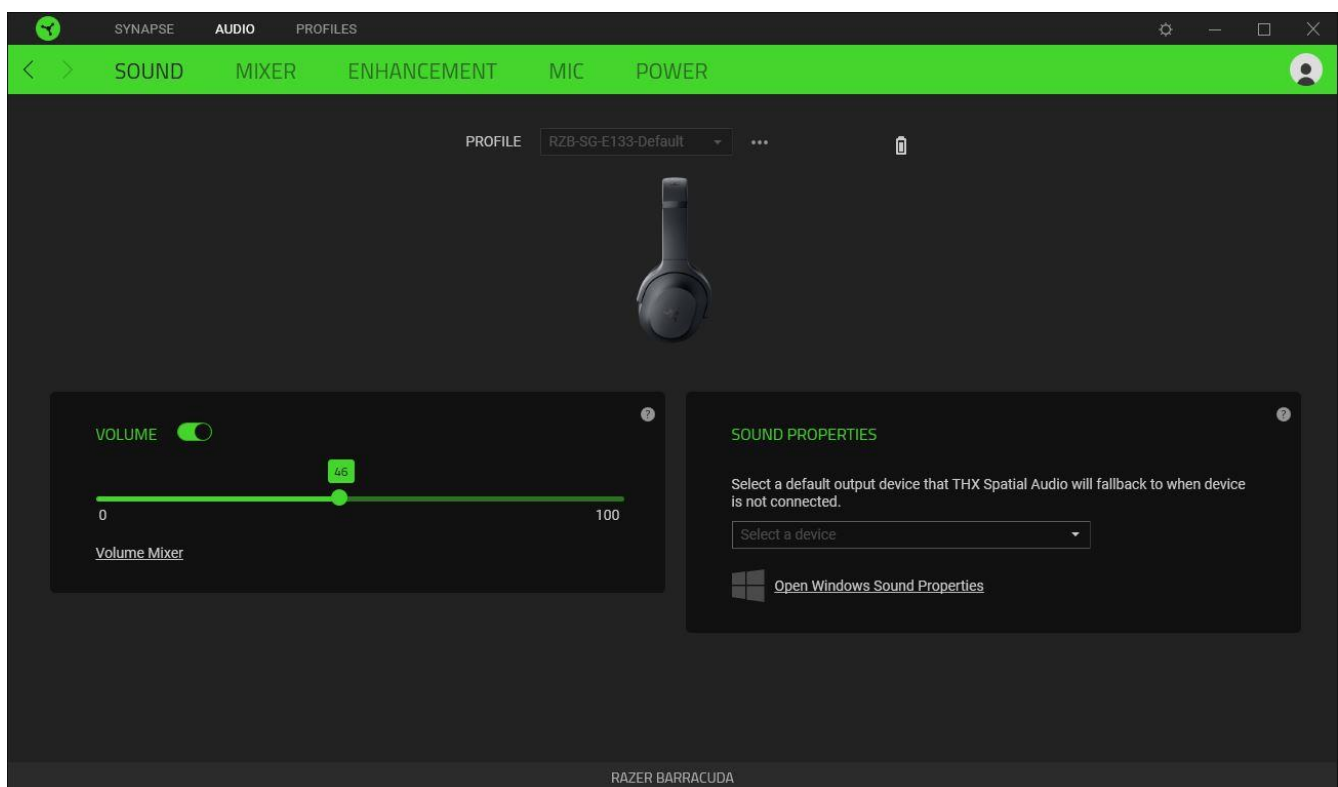
AUDIO TAB

 Set THX 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. 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, 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

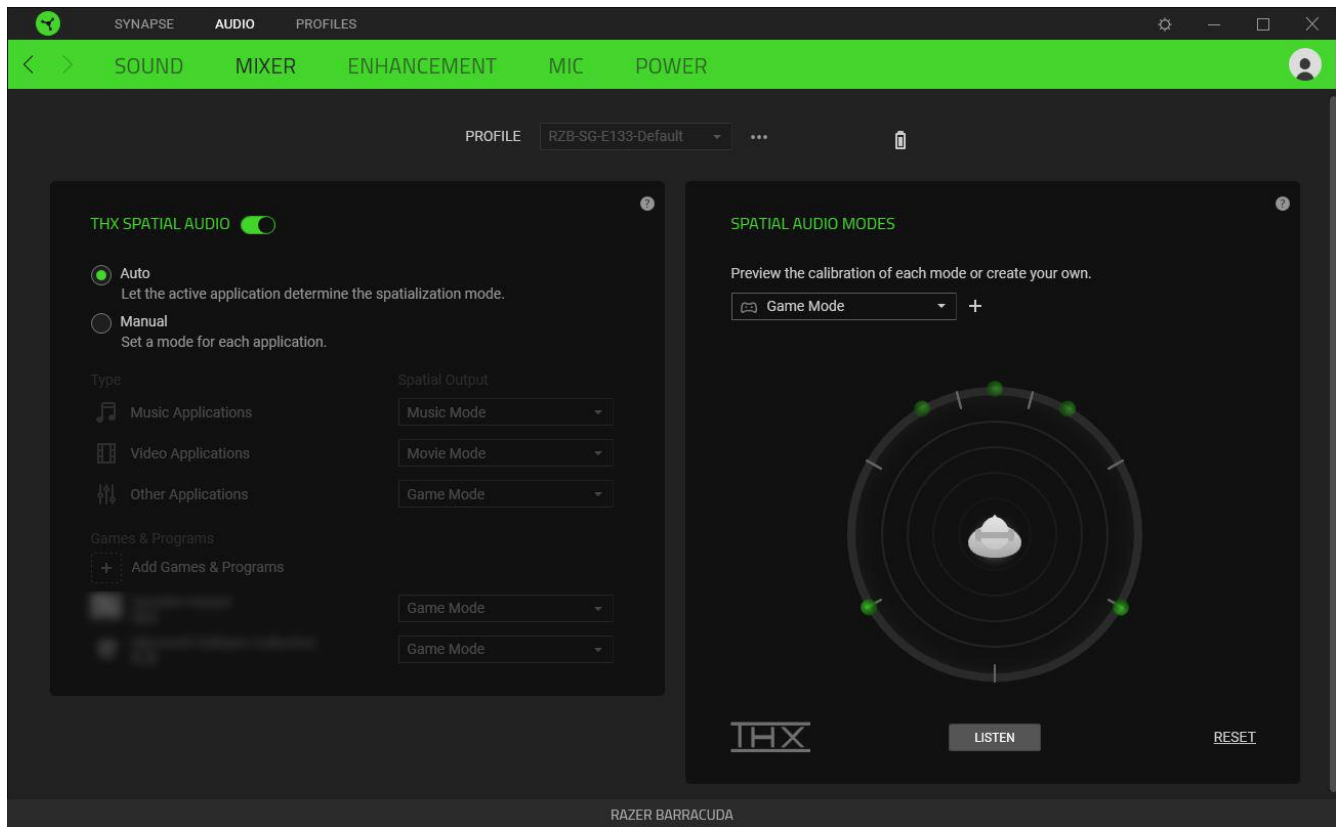
Adjust the audio volume of the device. You may also access the Windows volume mixer of the current playback device, where you can proportionally adjust the system's overall volume or individually adjust the volume of each active application.

Sound Properties

Set a default output device that the THX Spatial Audio will use when the Razer Barracuda 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 heightened, 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 setting. Using Manual will allow you to assign preferred spatial audio modes to specific application types and/or applications.

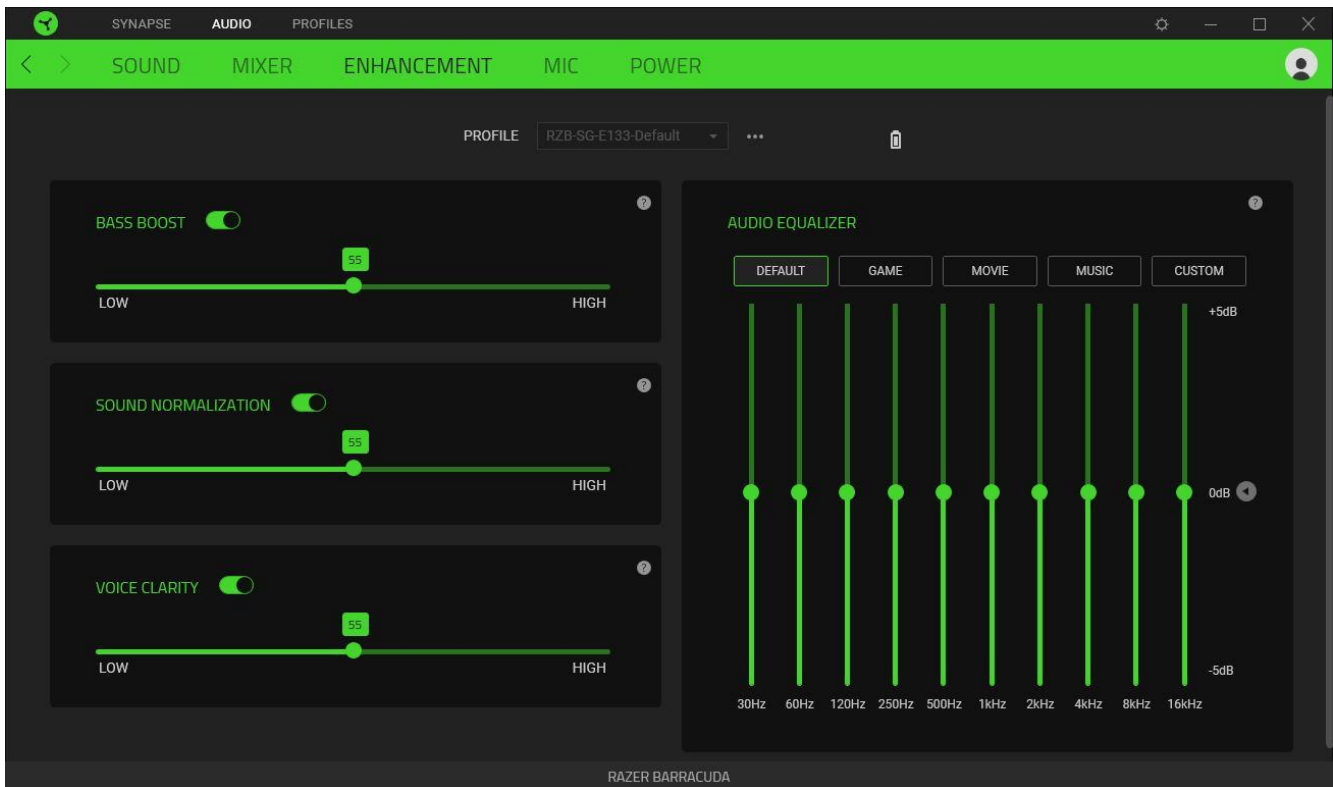
Spatial Audio Modes

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

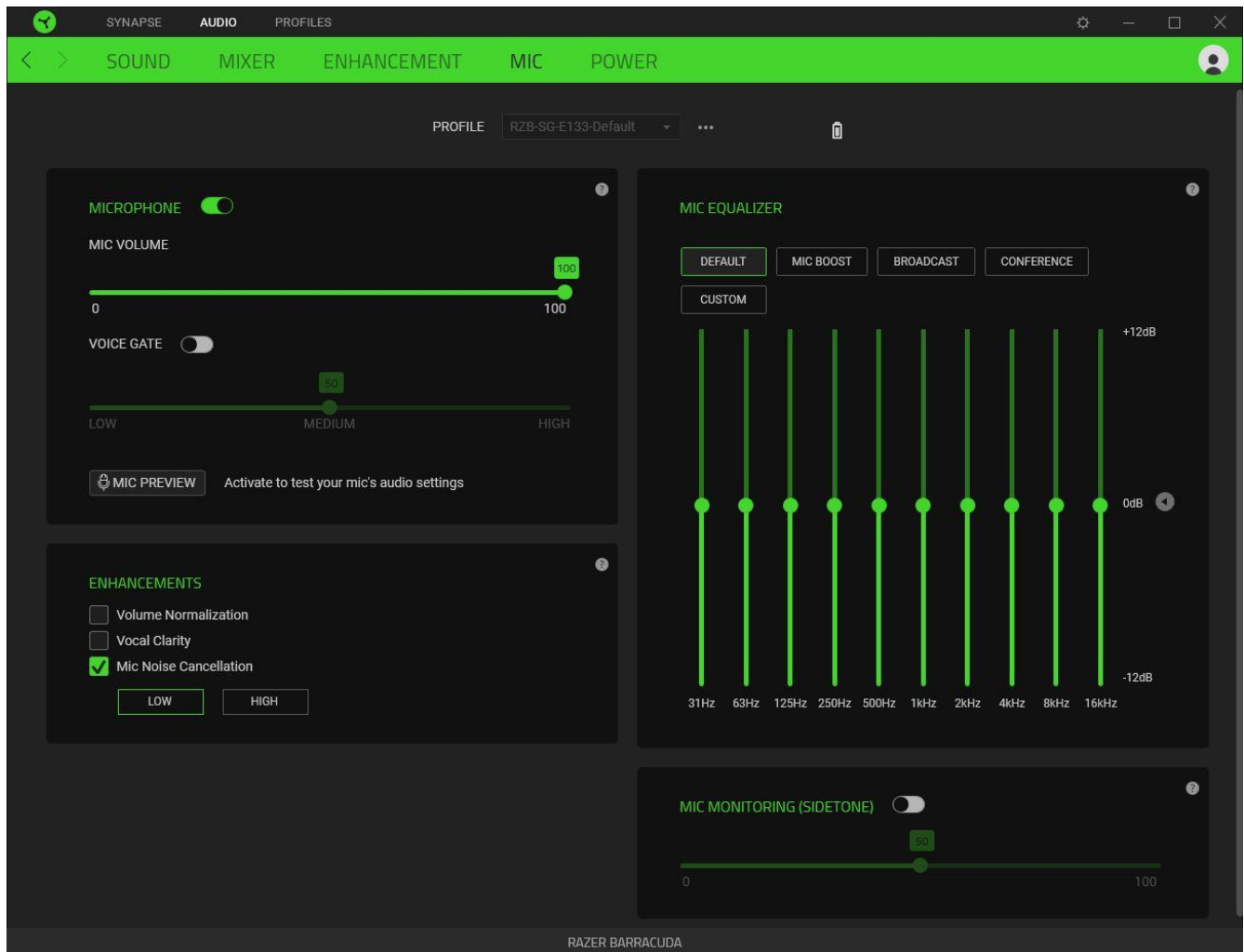
Enhances the quality of incoming voice conversations by filtering the sound to improve its clarity and volume.

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 Gate

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

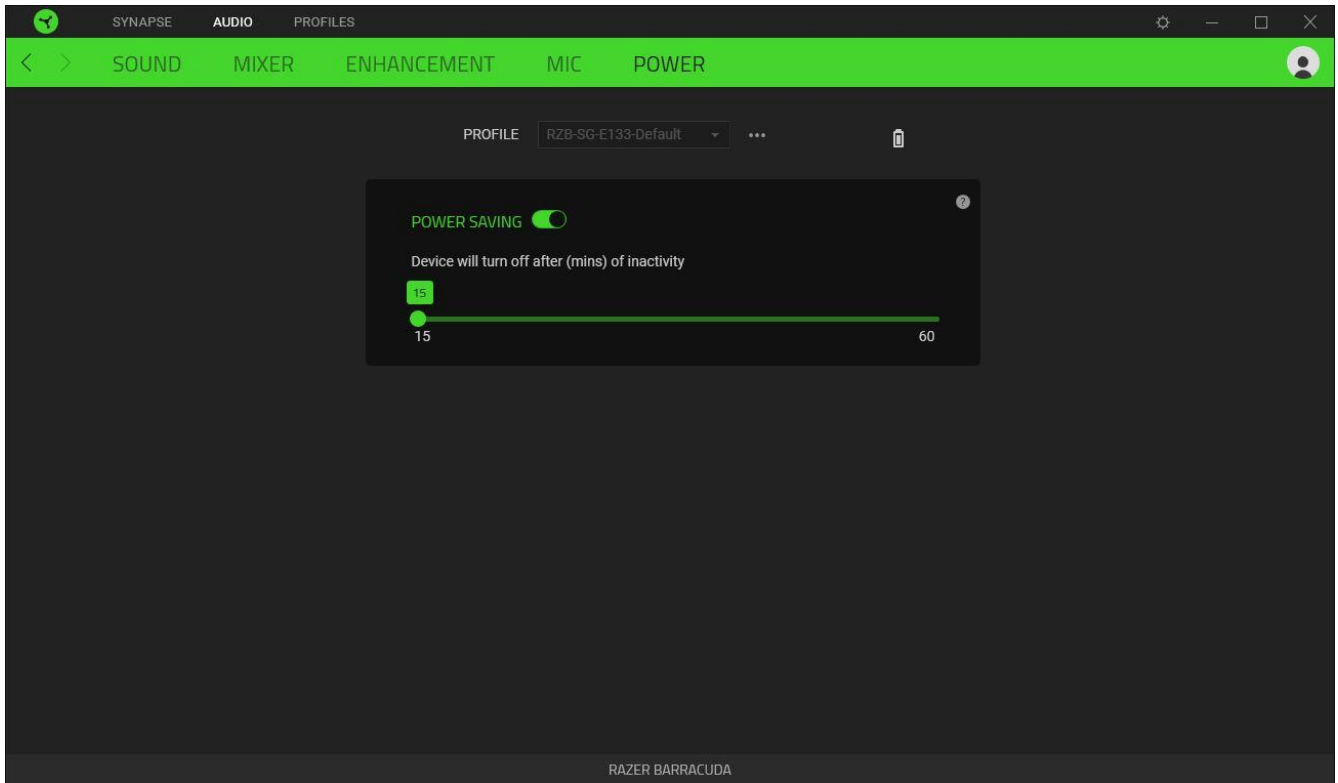
Select any of the available mic equalizer presets which best fits your mic needs. Manually adjusting any equalizer preset will automatically set it as a Custom preset.

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.

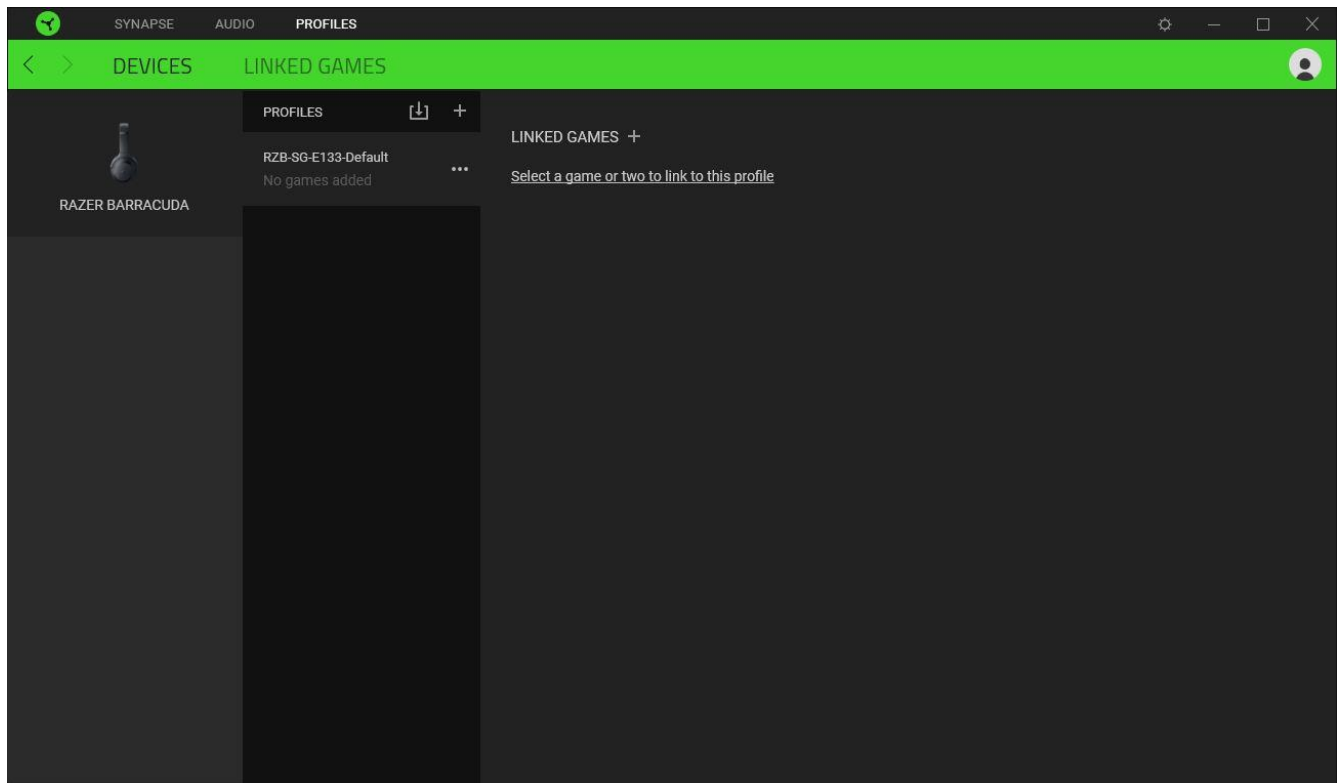





PROFILES TAB

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

Devices

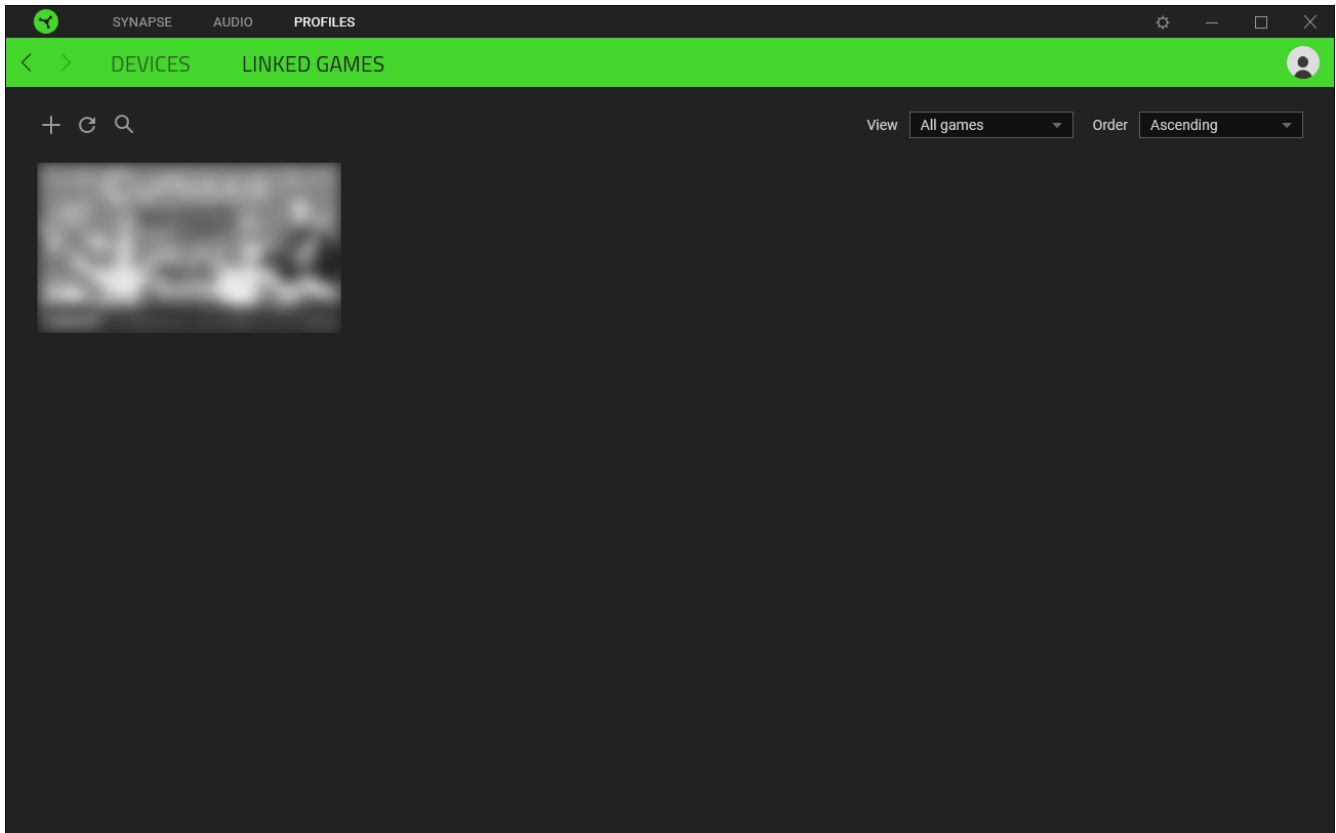
View which games are linked to each device's profiles or which Chroma Effect is linked to specific games using the Devices subtab.



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

Linked Games

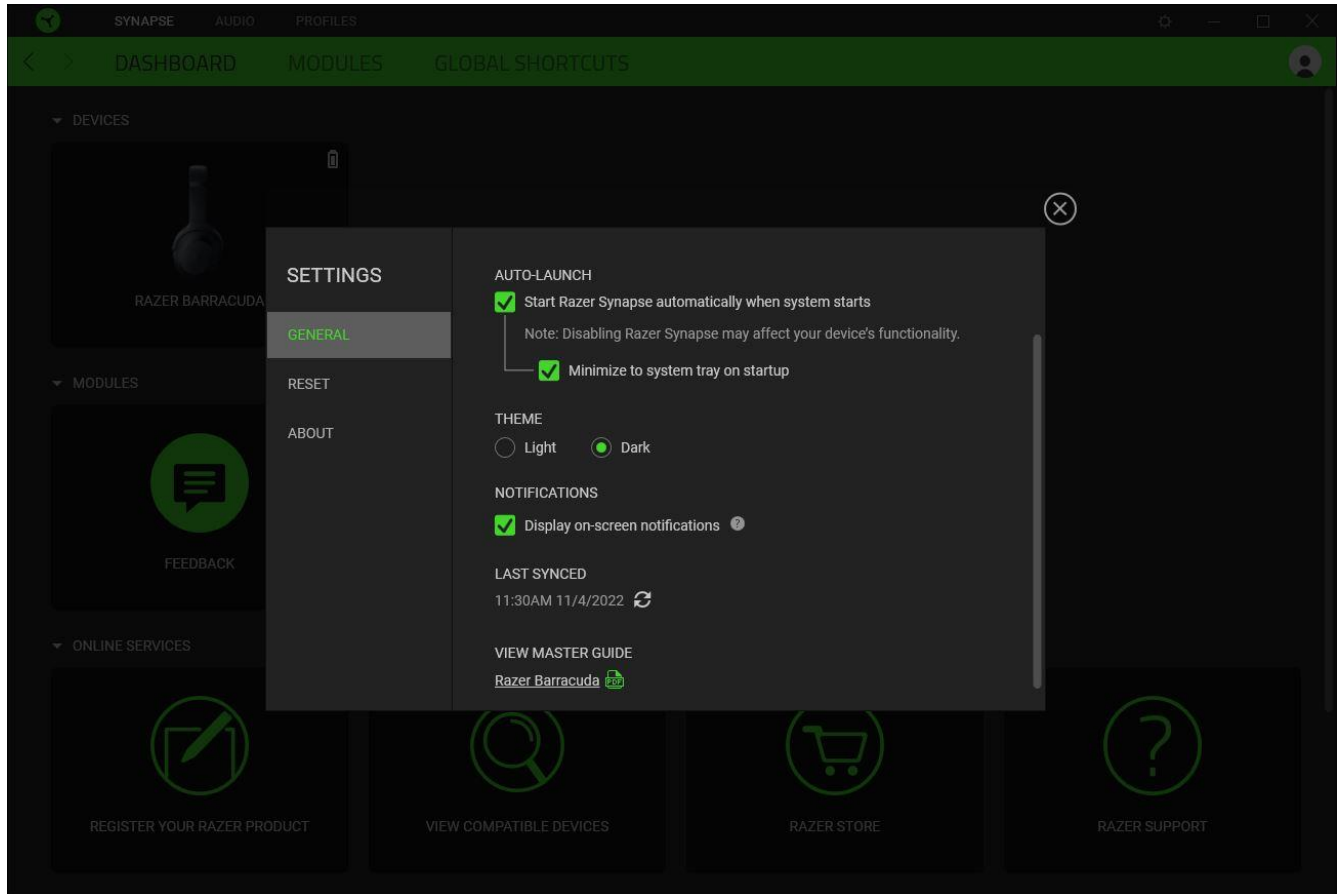
The Linked Games subtab gives you the flexibility to add games, view devices that are linked to games, or search for added games. You can also sort games based on alphabetical order, last played, or most played. Added games will still be listed here even if it is not linked to a Razer device.



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 on-screen 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 all connected Razer devices with onboard memory and/or reset Razer Synapse tutorials to acquaint yourself with Razer Synapse's new features on 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 Razer's social communities.

8. SAFETY AND MAINTENANCE

SAFETY GUIDELINES

To achieve maximum safety while using your Razer Barracuda, 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.

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 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 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 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 Barracuda 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 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 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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GENERAL

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