



# RAZER SEIREN V2 X

MASTER GUIDE

Stand out amongst a sea of streamers with clarity that cuts through the noise. Be heard with the **Razer Seiren V2 X**—a USB microphone perfect for any streaming setup, packed with all the tech required to make your voice truly come to life.

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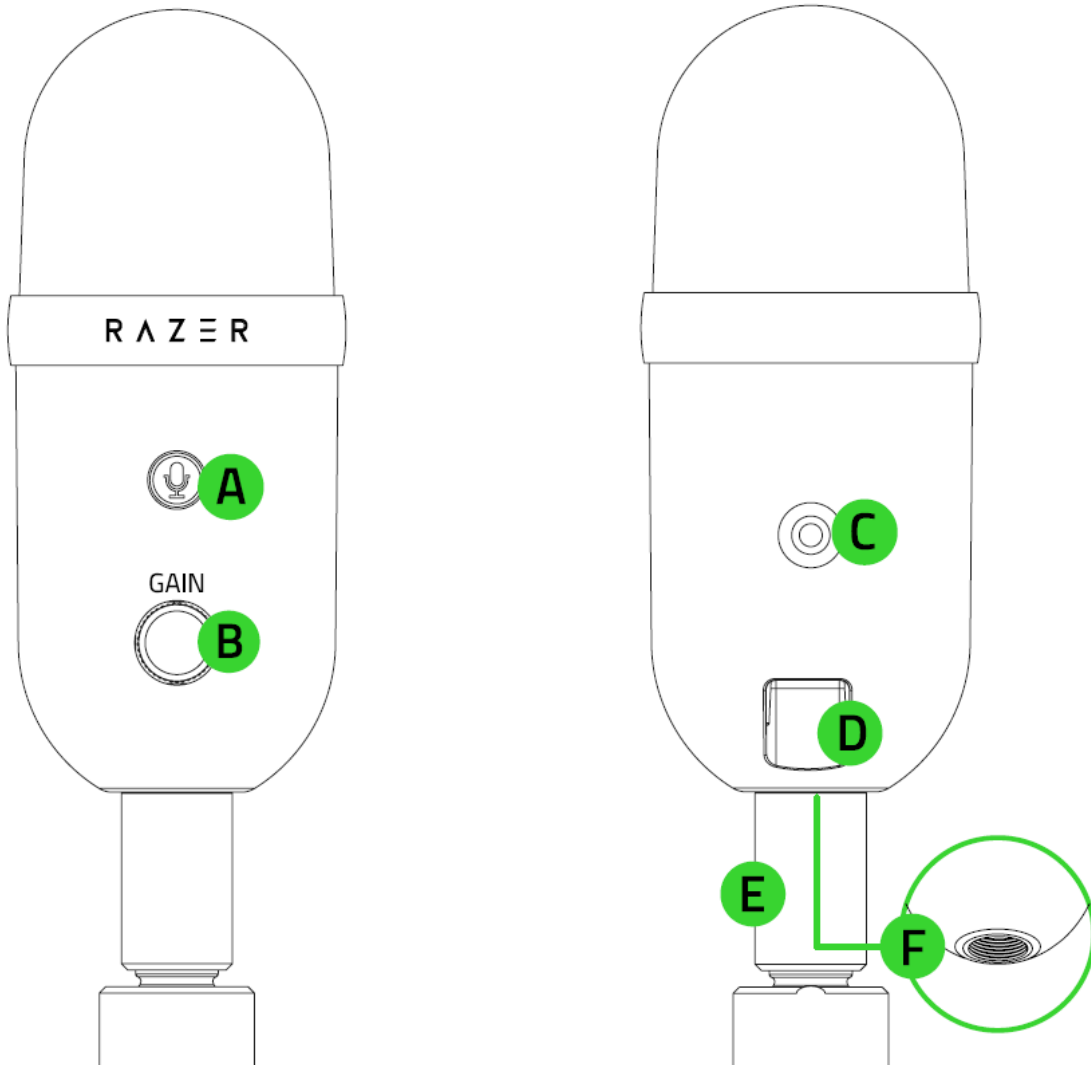
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## 1. WHAT'S INSIDE / WHAT'S NEEDED

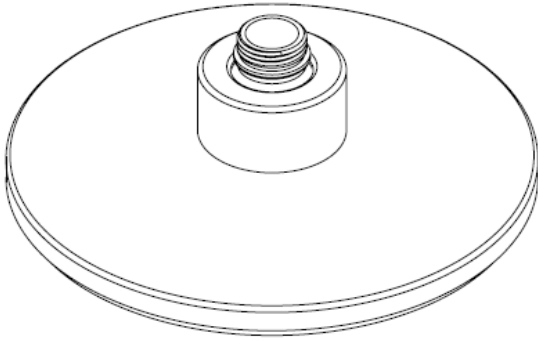
### WHAT'S INSIDE

- Razer Seiren V2 X

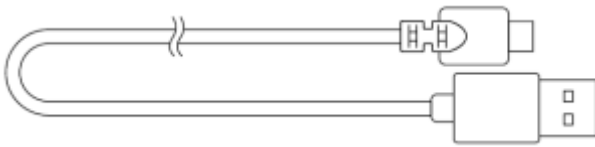


- A. Mic mute button
- B. Mic gain control knob
- C. 3.5 mm headphone port
- D. Type C port
- E. Support rod
- F. Thread mount

- Desk stand base



- Type C to Type A cable



- Important Product Information Guide

## WHAT'S NEEDED

### Product requirements

- PC with a free USB port

### Razer Synapse requirements

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

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## 2. LET'S GET YOU COVERED

You've got a great device in your hands, complete with a 1-year limited warranty coverage. Now maximize its potential and score exclusive Razer benefits by registering at [razerid.razer.com](https://razerid.razer.com)



Got a question? Ask the Razer Support Team at [support.razer.com](https://support.razer.com)

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### 3. TECHNICAL SPECIFICATIONS

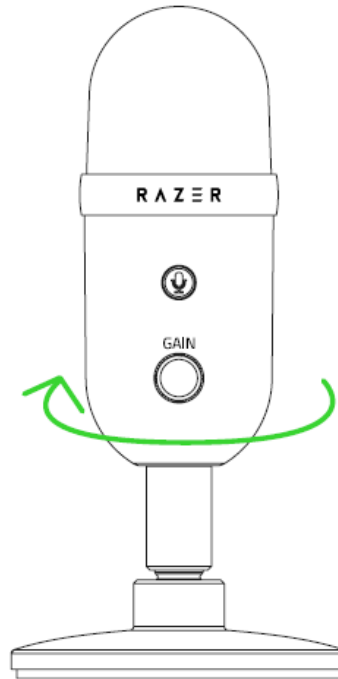
#### MICROPHONE

- Power required / Consumption: 5V / 350 mA
- Sample rate: 48 KHz
- Bit rate: 24
- Capsules: 25 mm condenser microphone
- Polar patterns: Super cardioid microphone
- Frequency response: 20 Hz ~ 20 KHz
- Sensitivity: -34dB (1V/Pa at 1kHz)
- Max SPL:120 dB
- Signal to Noise:105 dB (A-weighted)

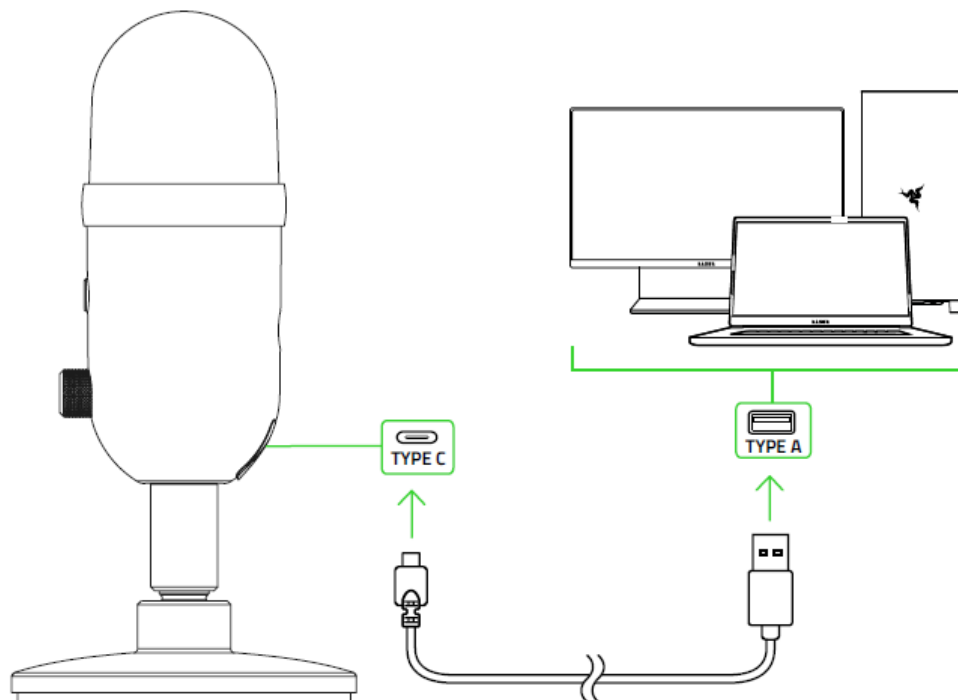
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## 4. GETTING STARTED

1. Securely fasten the Razer Seiren V2 X onto the desk stand base.

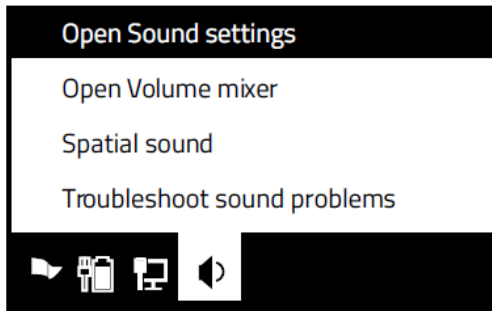


2. Connect the microphone to the USB port of your PC using the Type C to Type A cable.

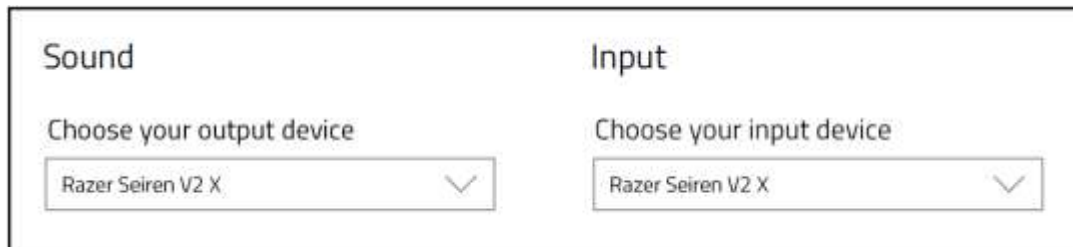




3. On your PC, right-click on the sound icon on the system tray and select **Open Sound Settings**.



4. On the Sound window, set **Razer Seiren V2 X** as the default **Output** and **Input** device.



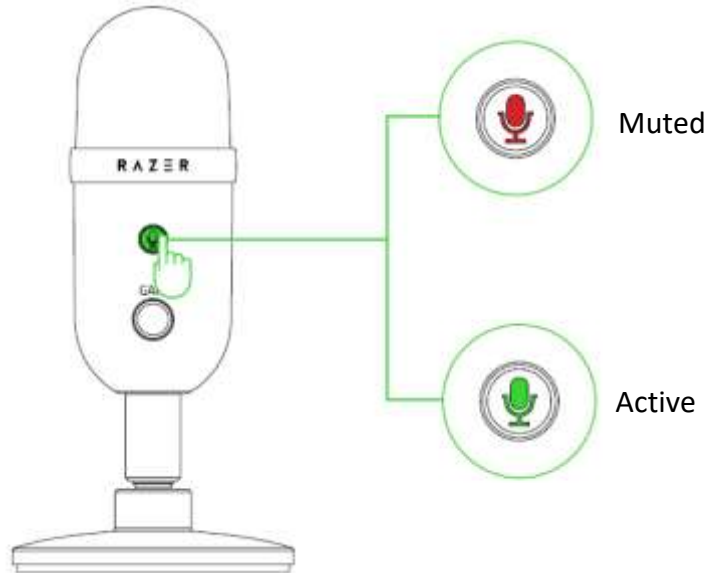
*When set as the default output device, an audio output device (such as a headphone) must be connected to its 3.5 mm headphone port. This will allow you to listen to the audio output and recording at the same time.*

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## 5. USING THE MICROPHONE

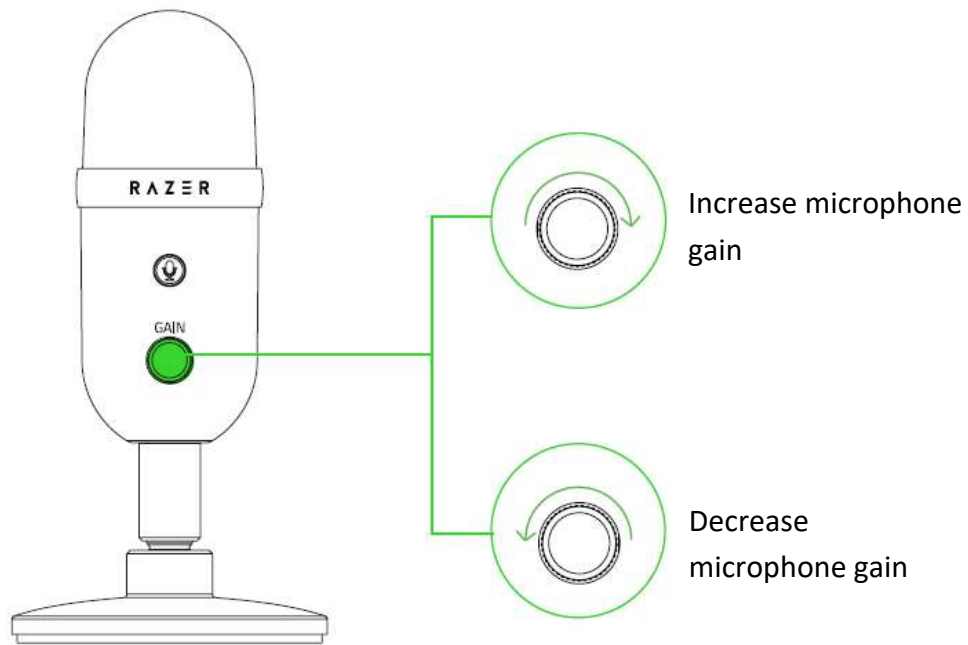
### MUTING THE MICROPHONE

Press the mic mute button to mute or unmute the microphone. The button will light up in red when the microphone is muted.



### ADJUSTING THE MICROPHONE GAIN

Rotate the mic gain control knob clockwise or counterclockwise to increase or decrease the sensitivity of the microphone when capturing sound, respectively. This is recommended if the microphone is capturing too much ambient noise and vice versa.



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## 6. CONFIGURING YOUR RAZER SEIREN V2 X

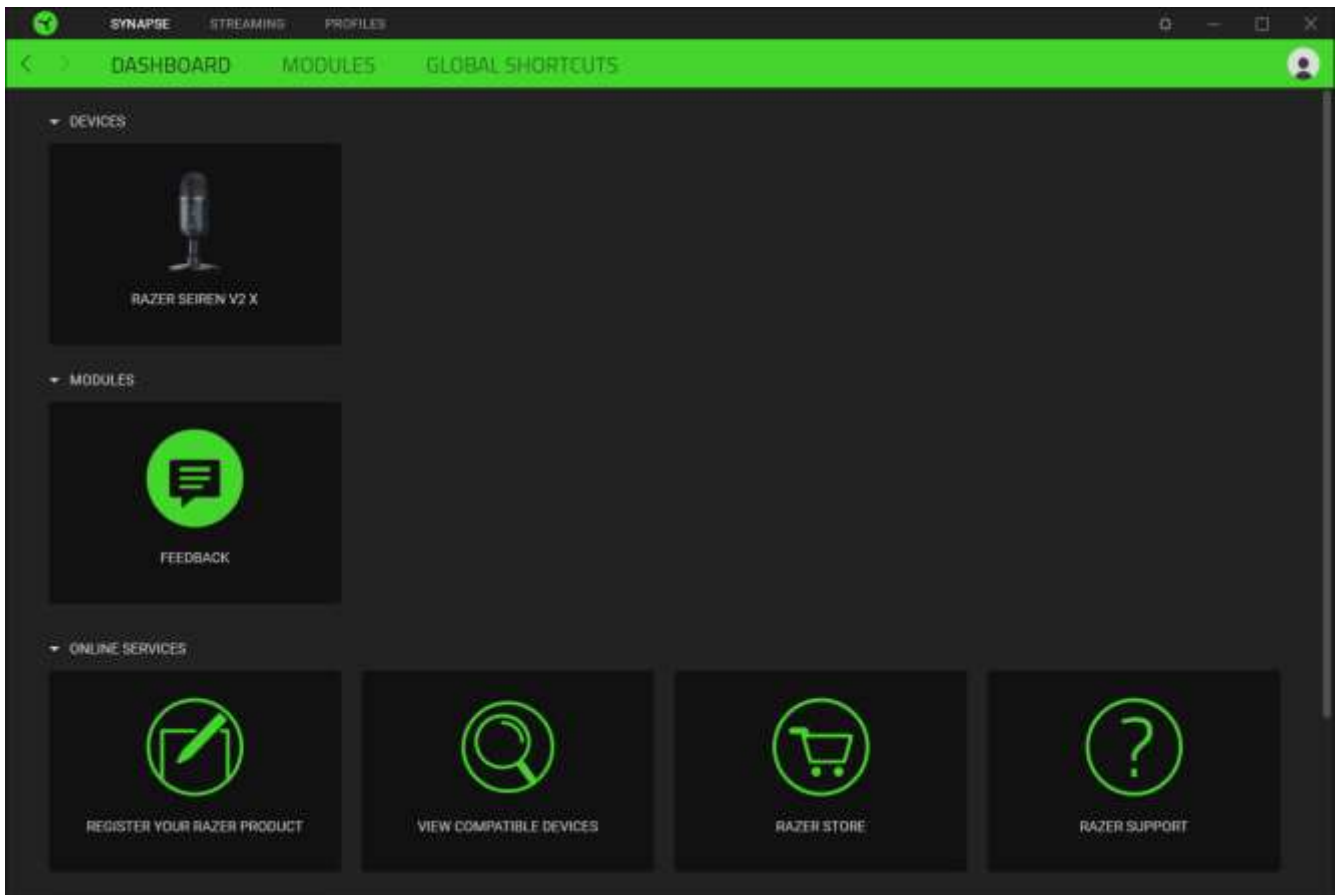
**i** *Internet connection is required for installation, updates and cloud-based features. Registering for a Razer ID account is recommended, but optional. All listed features are subject to change based on the current software version, connected device(s), and supported apps and software.*

### SYNAPSE TAB

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

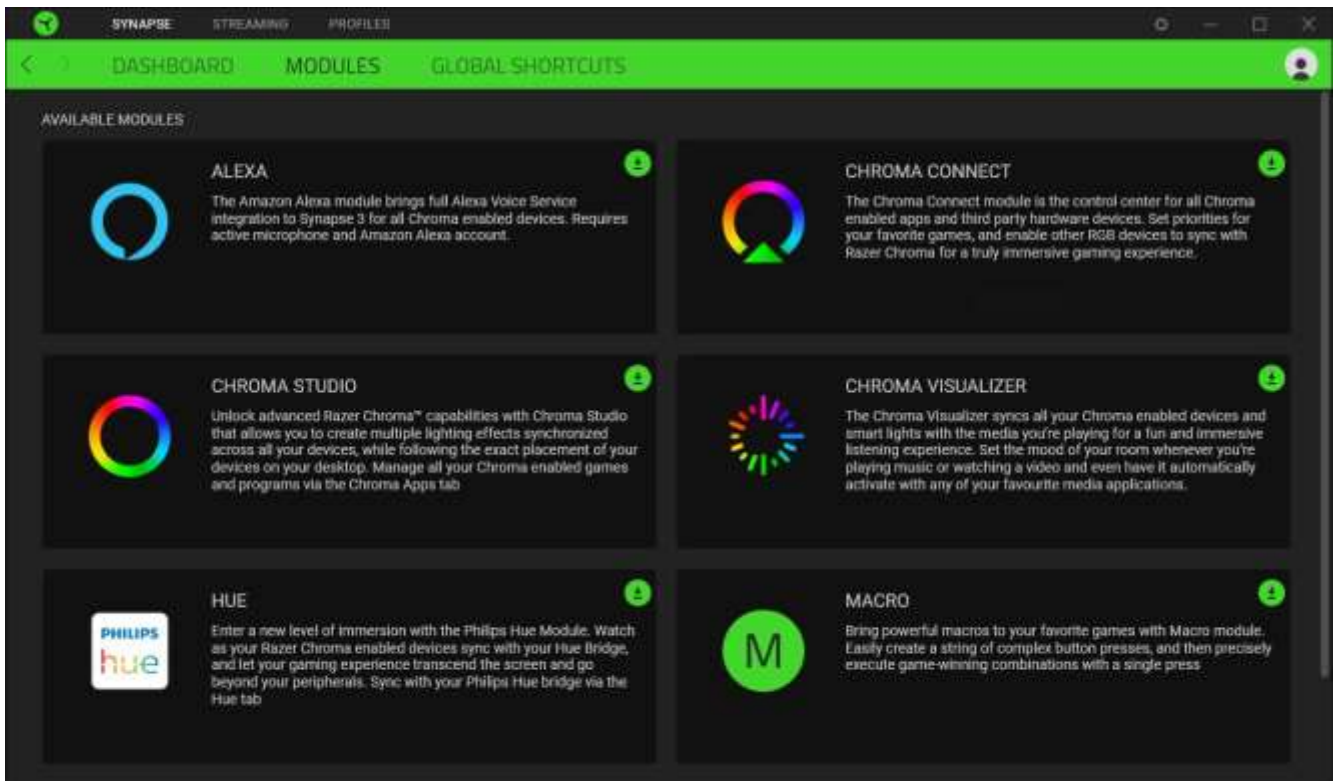
#### Dashboard

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



## Modules

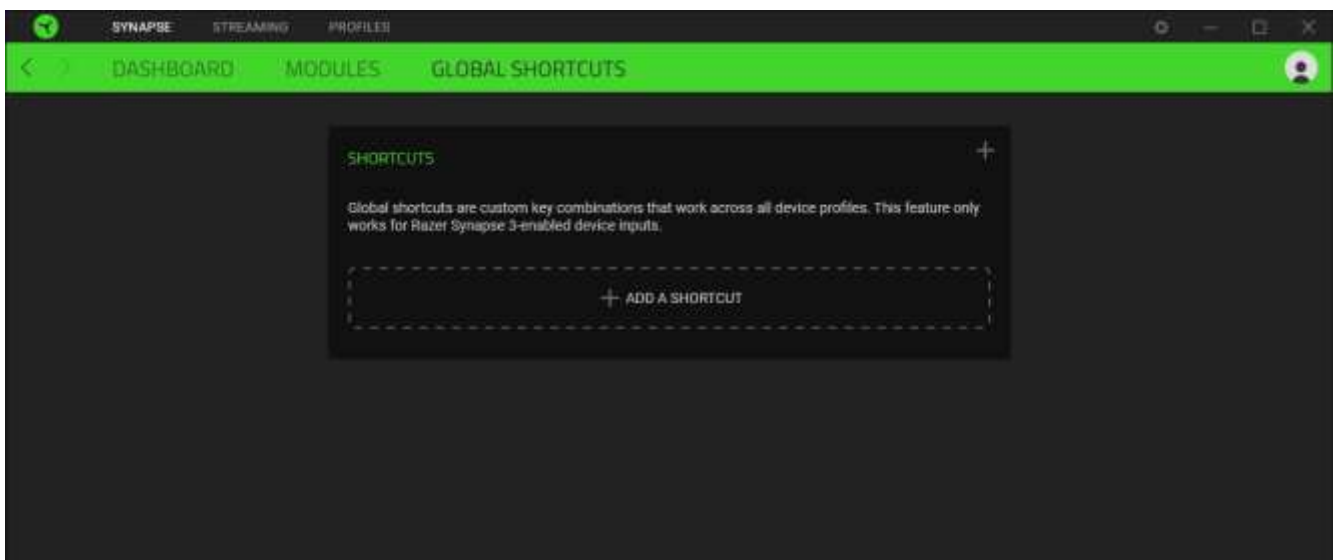
The Modules subtab displays all installed and available modules for installation.



## Global Shortcuts

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

 *Only Razer Synapse-enabled device inputs will be recognized.*

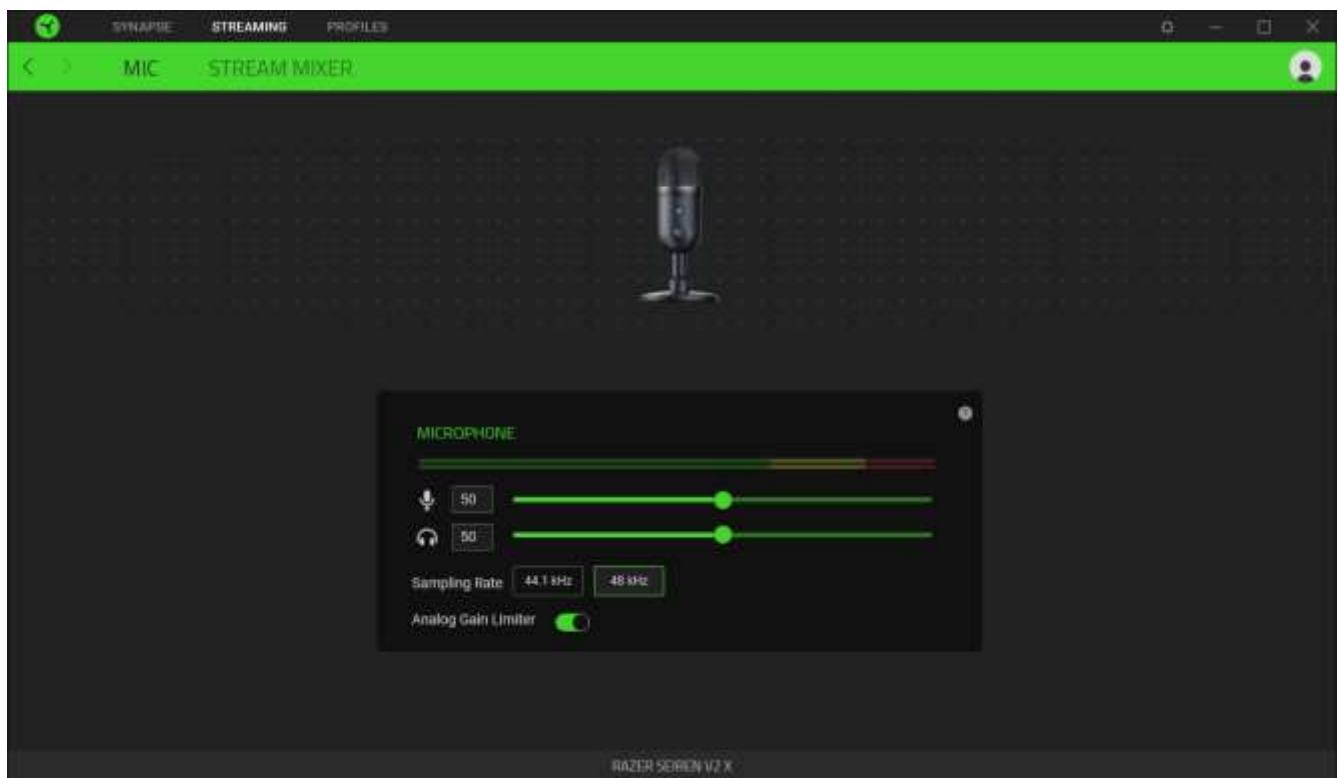


## STREAMING TAB

The Streaming tab is the main tab for your Razer Seiren V2 X. From here, you'll be able to adjust the microphone gain and headphone volume, enable features such as high pass filter and analog gain limiter and even route specific applications to input channels which you can mix to a single audio channel.

### Mic


The Mic subtab is for muting or adjusting the microphone gain and headphone volume. You can also use this page to see how loud the captured audio is, change the microphone's sampling rate and enable other features such as High Pass Filter and Analog Gain Limiter.




### *Audio input bar*

Shows how loud the captured audio is.

### *Microphone gain*

Mute the microphone by clicking on the microphone gain icon (  ) or use the slider to increase or decrease its sensitivity.

### *Headphone volume*

Adjust the slider to increase or decrease the volume of the audio output device connected to the 3.5 mm headphone port or mute it by clicking on the headphone volume icon (  ).

### *Sampling rate*

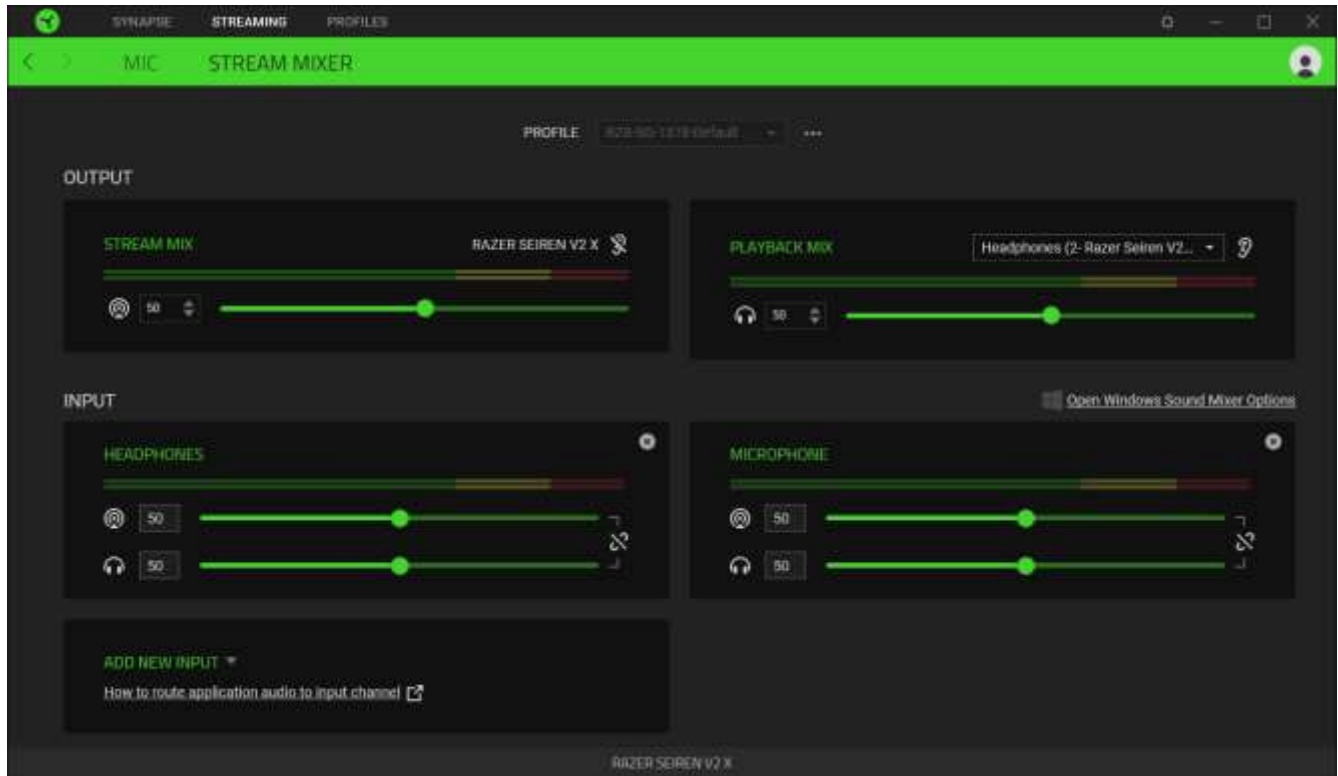
Determines the resolution of your recordings. The higher the sampling rate, the more often the computer receives information about the captured audio, providing a more accurate capture and representation of audio.

### *Analog gain limiter*

Enable this feature to prevent unwanted voice distortions, voice clipping and peaking on your recordings.

## Stream Mixer

The Stream Mixer subtab enables you to monitor, individually adjust, and mix all available virtual input channels on a single virtual output channel. Changes made under this tab are automatically saved to your system and cloud storage.



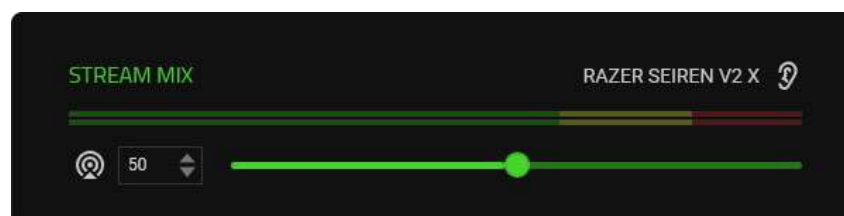
### Profile

A Profile is a data storage for keeping all your Razer devices' settings. By default, the profile name is based on your system's name. To add, import, rename, duplicate, export, or delete a profile, press the profile's corresponding Miscellaneous button ( ●●● ).

### Output

Output channels are virtual channels recognized by the Windows operating system as Input devices. Upon installing Razer Synapse, the following output channels become available:

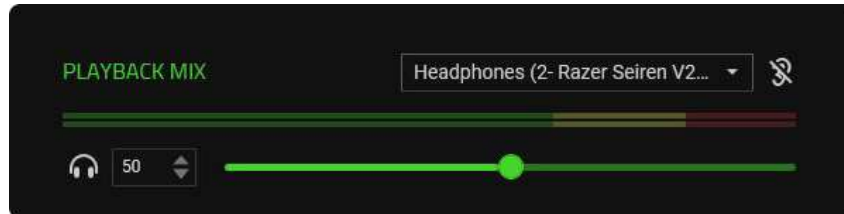
- **Stream Mix.** Combines all input channels in a single stream. Set this channel as the microphone or input device of your streaming software (e.g. OBS, Twitch, Streamlabs etc.) to individually control the volume of each channel using Razer Synapse.





! Adjusting the slider of the Stream Mix will increase or decrease the volume of what you hear in your recording / streams. Instructions in setting the Stream Mix as the input device for your streaming software may vary.

- **Playback Mix.** Allows you to listen to all channels using the selected playback device. The 3.5 mm headphone port of the microphone is set as the Playback device by default.



! Adjusting the slider of the Playback Mix only increases or decreases the volume of the selected playback device.

The following controls are available for both output channels:

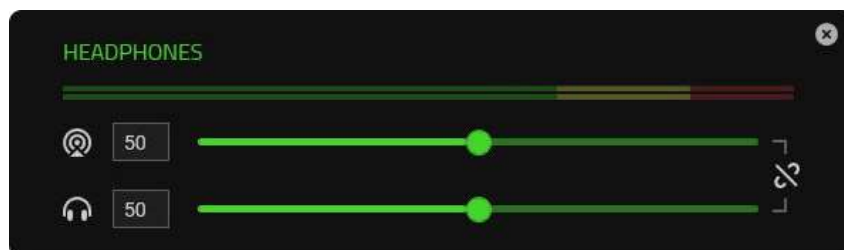
- **Mute Stream Mix** (🔇). Click to mute the Stream Mix channel.
- **Mute Playback Mix** (🔇). Click to mute the Playback Mix channel.
- **Enable/Disable monitoring** (🔗). Listen to either the Stream Mix or the Playback Mix.

### Open Windows Sound Mixer Options

Opens the **App volume and device preferences** on Windows where you can route specific applications to various virtual input channels. [Learn more about routing channels](#)





### Input

Input channels are virtual channels recognized by the Windows operating system as Output devices. You can assign applications to Browser, Headphones, Game, Sound effects, System, Music input channels, with other input devices assignable to Aux (1 / 2 / 3) channels.



By assigning specific applications and/or devices to input channels, you can use a single channel on your streaming software while controlling each channel volume individually on Razer Synapse.

The following controls are available for all input channels:

- **Slider.** Adjust how loud the corresponding channel is on Stream Mix and/or Playback Mix.
- **Link (  ).** Link both Stream Mix and Playback Mix sliders to proportionally adjust the volume of each setting.
- **Mute Stream Mix (  ).** Click to mute the corresponding channel from the Stream Mix.
- **Mute Playback Mix (  ).** Click to mute the corresponding channel from the Playback Mix.
- **Remove channel (  ).** Removes the corresponding input channel from the Stream Mix.

### Routing / Adding channels

For an input channel to work, an application or a device must be assigned to it first. To add an input channel on Razer Synapse with the desired application/device:

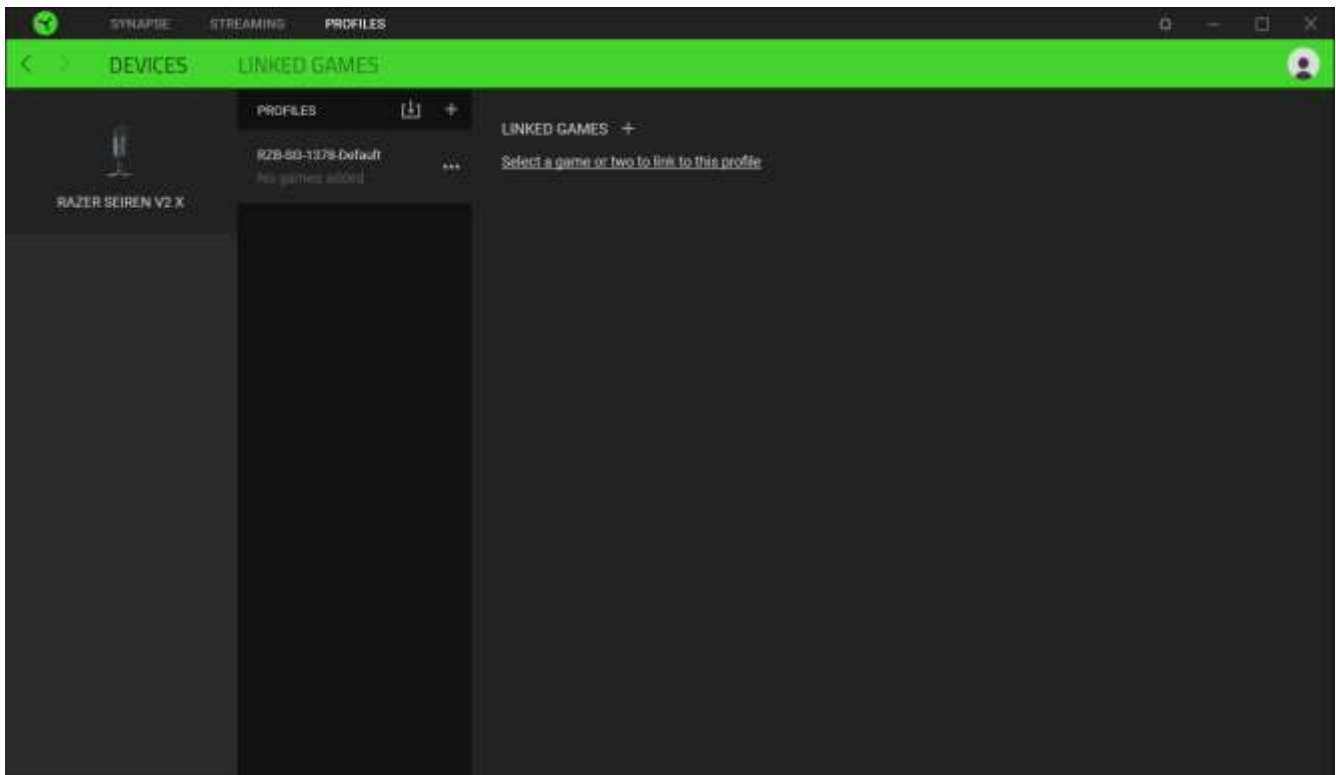
1. Make sure the application that you want to assign is running.
2. On Razer Synapse, go to the **Stream Mixer** subtab and then click **Open Windows Sound Mixer Options**.
3. On the **App volume and device preferences** window, go to the desired app, and set its **Output** to the preferred virtual input channel (e.g. Spotify to Music, Google Chrome to Browser, Microphone to Aux 1 etc.).
4. On Razer Synapse, click on **Add New Input** and select the newly configured virtual channel from the dropdown list to include it on the Stream Mix.




## PROFILES TAB

The Profiles tab is a convenient way of managing all your profiles and linking them to your games and applications.

### Devices

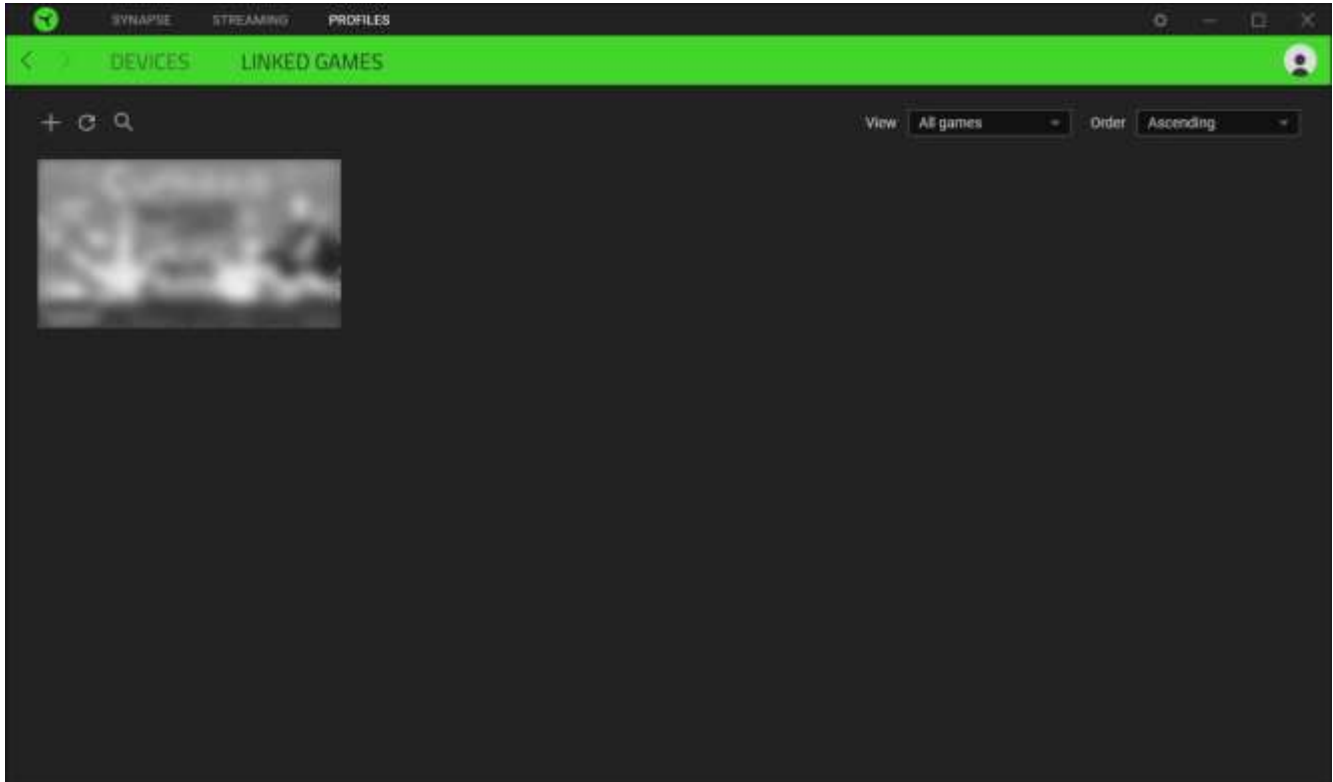
View which games are linked to each device's profiles or which Chroma Effect is linked to specific games using the Devices subtab.



You can import Profiles from your computer or from the cloud through the import button (  ) or create new profiles within the 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 automatically activate when you run an application using the Linked Games option.

## Linked Games

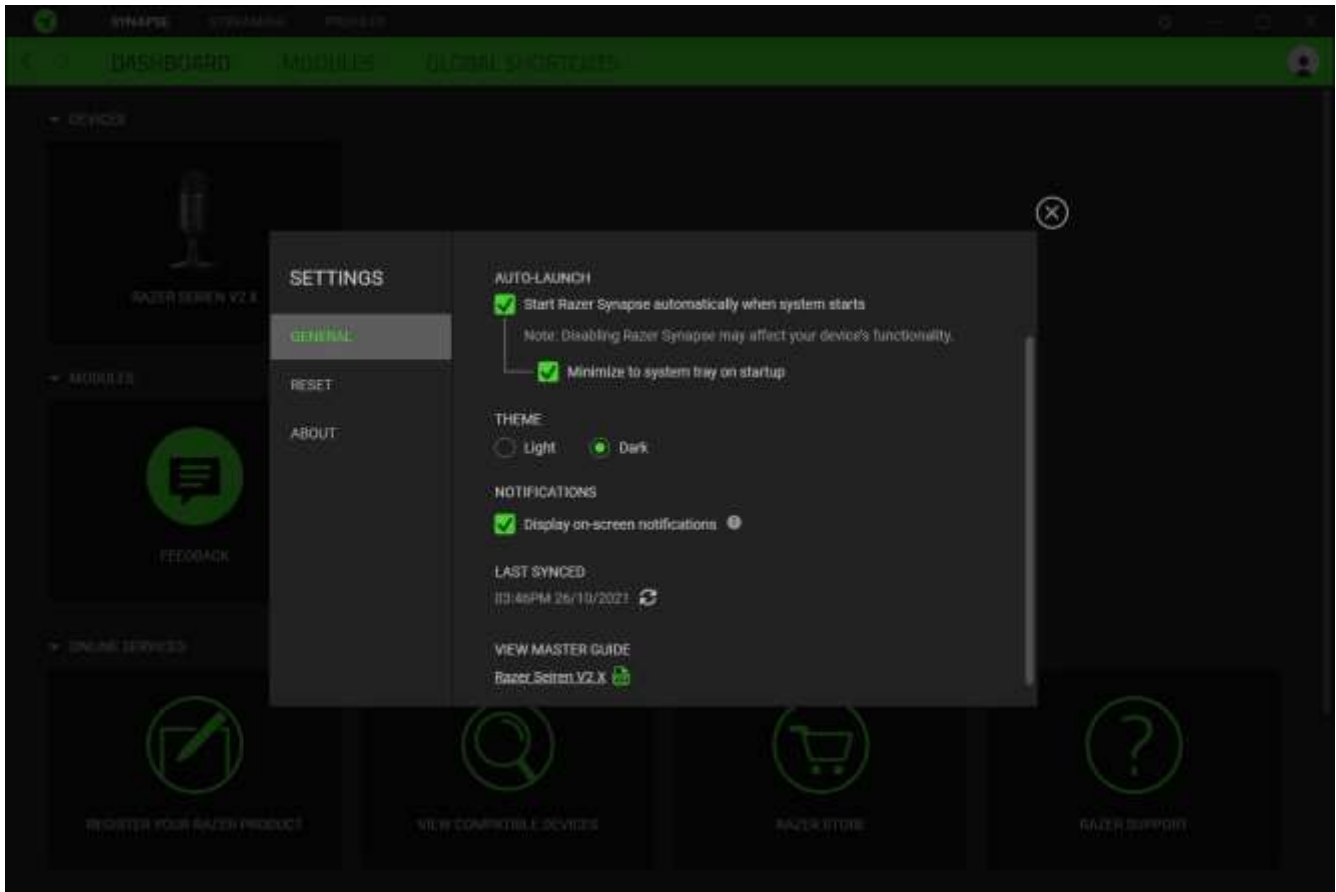
The Linked Games subtab gives you the flexibility to add games, view devices that are linked to games, or search for added games. You can also sort games based on alphabetical order, last played, or most played. Added games will still be listed here even if it is not linked to a Razer device.



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 factory reset on any connected Razer device.



### General tab

The default tab of the Settings window. The General tab enables you to change the software's display language, start-up behavior, display theme, and on-screen notifications display. 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 on-board memory and/or reset Razer Synapse tutorials to acquaint yourself again with Razer Synapse's new features on its next launch.



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

## About tab

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

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## 7. SAFETY AND MAINTENANCE

### SAFETY GUIDELINES

In order to achieve maximum safety while using your Razer Seiren V2 X, 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](https://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 in order to let the temperature stabilize to an optimal level.

Listening to excessively loud volumes over extended periods of time 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 of time. Please, take good care of your hearing.

### MAINTENANCE AND USE

The Razer Seiren V2 X requires minimum maintenance to keep it in optimum condition. Once a month we recommend you unplug the device and clean it using a soft cloth or cotton swab to prevent dirt buildup. Do not use soap or harsh cleaning agents.

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## 8. LEGALESE

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