



# RAZER KRAKEN V4 X

MASTER GUIDE

Dive into a vivid spectrum of sound with the **Razer Kraken V4 X**—a wired gaming headset powered by Razer Chroma™ RGB. Now upgraded with USB C and USB A compatibility, take your gaming to new heights of immersion across all your favorite platforms.

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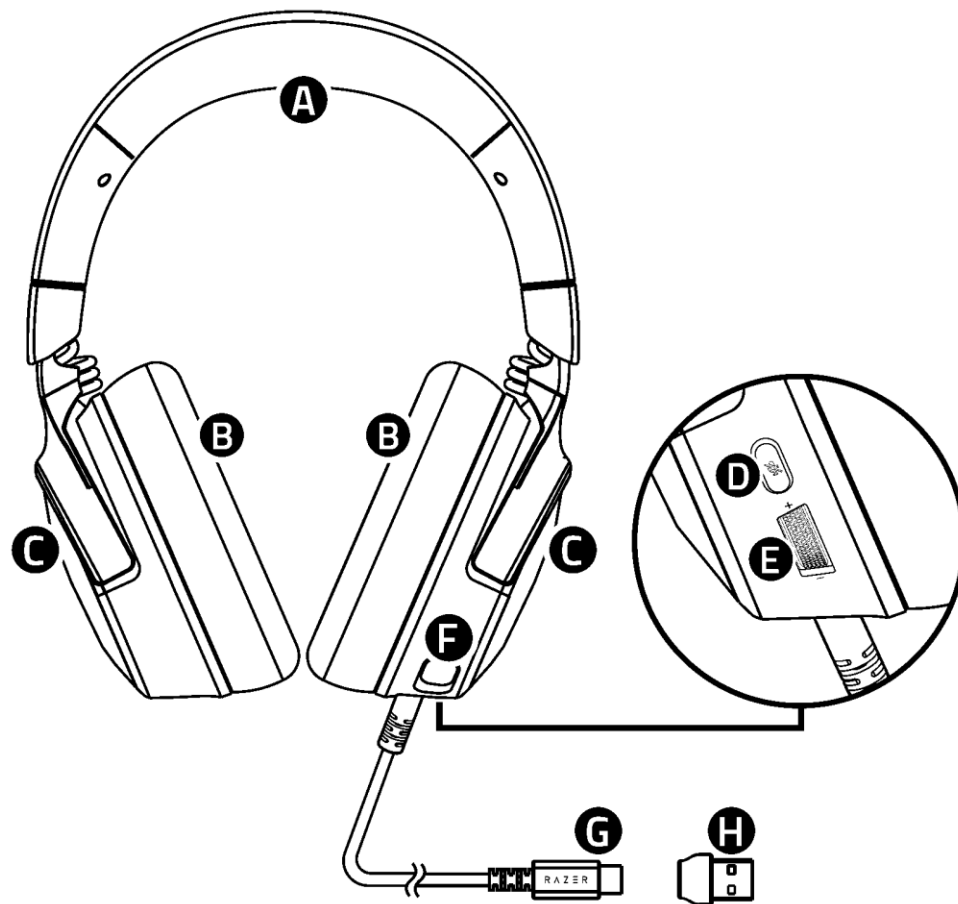
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## 1. WHAT'S INSIDE

- Razer Kraken V4 X

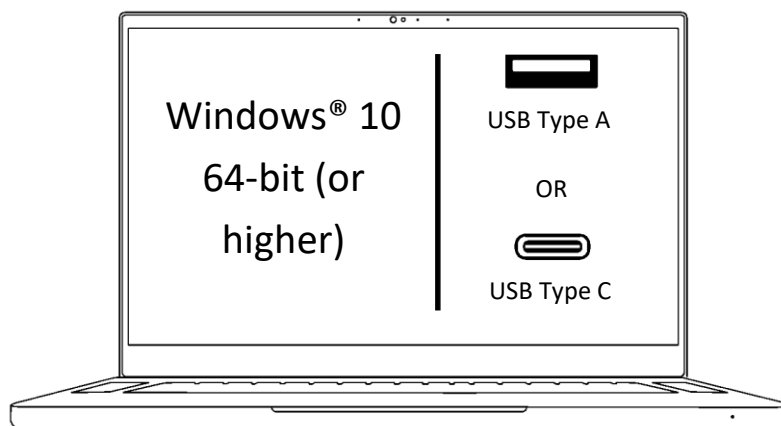


- A. Adjustable padded headband
- B. Memory foam cushions
- C. LED backlight Powered by Razer Chroma™ RGB
- D. Mic mute button
- E. Volume dial
- F. Retractable Razer™ HyperClear Cardioid Mic
- G. USB Type C connector
- H. Type C to Type A adapter

- Carrying Pouch
- Important Product Information Guide

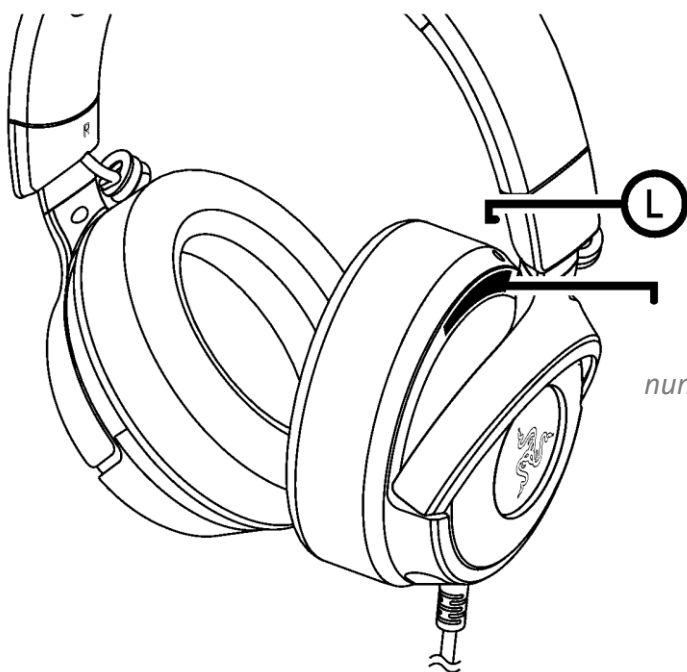
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## 2. WHAT'S NEEDED



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## 3. LET'S GET YOU COVERED



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



Register your product and score exclusive benefits

**[razerid.razer.com/warranty](https://razerid.razer.com/warranty)**

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## 4. TECHNICAL SPECIFICATIONS

### FEATURES

#### Headphones

- Frequency response: 20 Hz – 20 kHz
- Impedance: 32  $\Omega$
- Sensitivity (@1 kHz): 100 dB SPL/mW at 1 kHz by HATS
- Drivers: Customized Dynamic 40 mm Driver
- Inner ear cup diameter: 62 x 42 mm / 2.44 x 1.65 in
- Connection type: USB Type C with Type A Adapter
- 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:  $\geq 60$  dB
- Sensitivity (@1 kHz):  $-42 \pm 3$  dBV/Pa, 1 kHz
- Pick-up pattern: Unidirectional

#### On-earcup controls

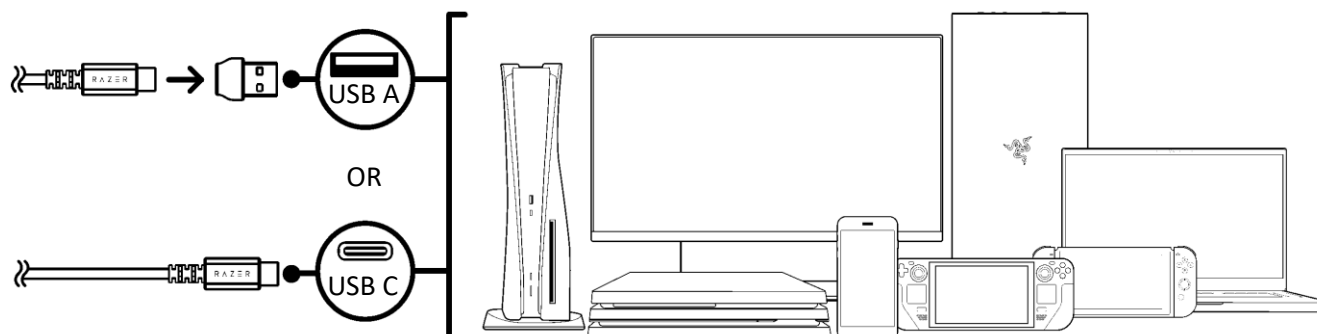
- Volume up and down
- Mic mute on/off toggle

#### Audio Usage

- Wired: USB Type C with Type A Adapter
- 7.1 Surround Sound: Only available on Windows 10® 64-bit (or higher)

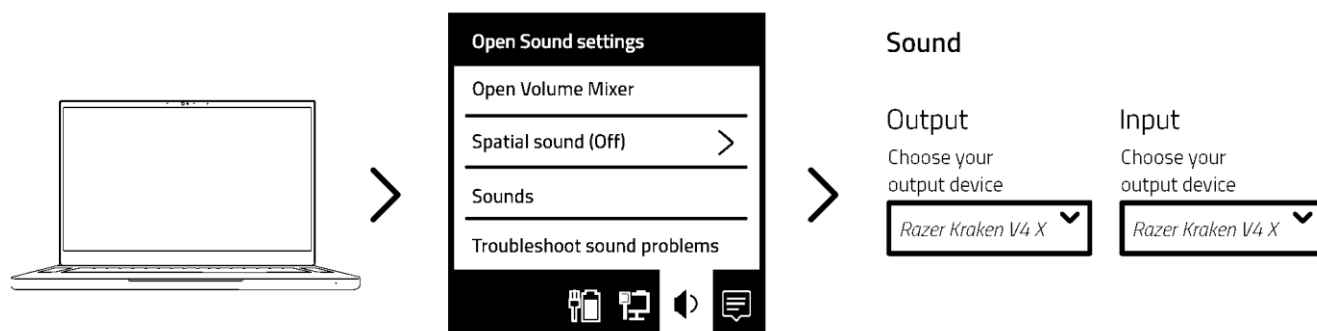
## 5. GETTING STARTED

1.



**i** Install Razer Synapse when prompted or download the installer from [razer.com/synapse](https://razer.com/synapse).

2.



**i** When using your headset with a compatible device, set Razer Kraken V4 X as its default input and output device (if applicable).

### ACTIVATE THE 7.1 SURROUND SOUND\*

Experience accurate positional sound that's specifically designed for games, movies, and music.

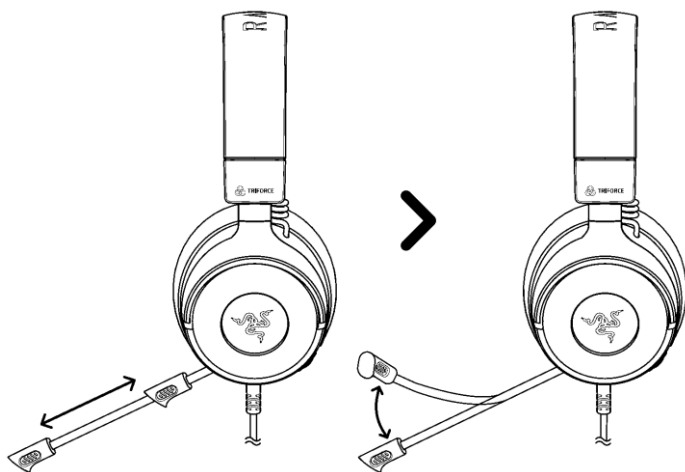
1. Download the 7.1 Surround Sound software from [razer.com/7.1-surround-sound](https://razer.com/7.1-surround-sound)
2. Register your product at [razerid.razer.com/products](https://razerid.razer.com/products) to get your activation code sent to your email.

*\*Only available on Windows 10 64-bit (or higher)*

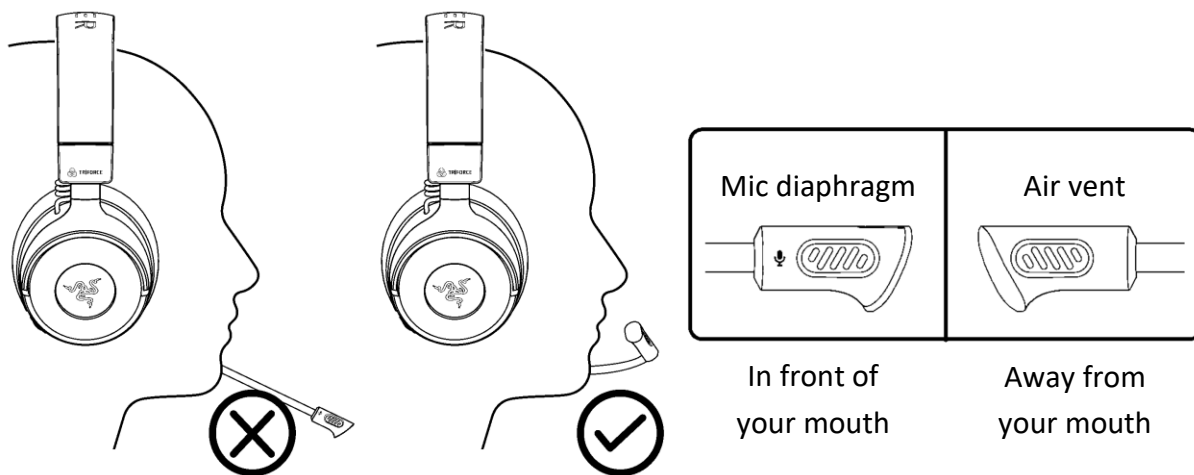
## 6. USING YOUR RAZER KRAKEN V4 X

### RAZER HYPERCLEAR CARDIOID MIC

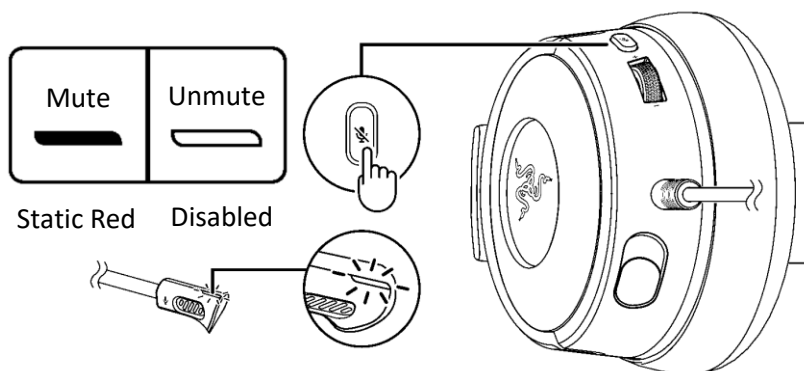
#### EXTEND THE MIC



#### PROPER MIC PLACEMENT

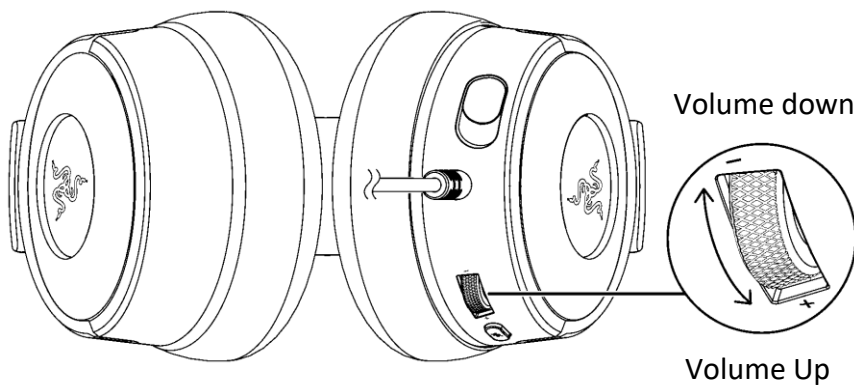


#### SET THE MIC TO MUTE/UNMUTE

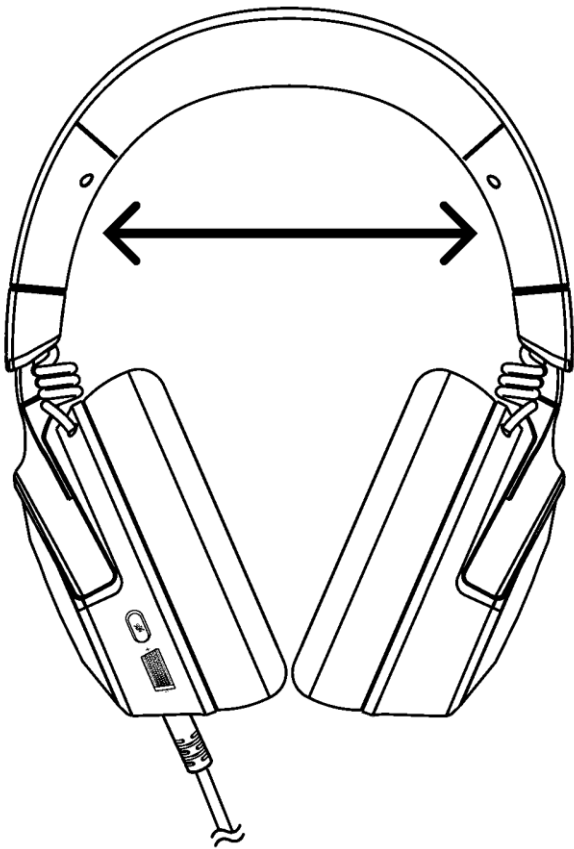




## TURN THE VOLUME CONTROLS



## ADJUST FOR COMFORT




**i** Gently stretch the headbands before wearing the headset but do not overstretch it to avoid permanent damage.

Find out more about your gaming-grade headset at [support.razer.com](https://support.razer.com)

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## 7. CONFIGURING YOUR RAZER KRAKEN V4 X

 *Disclaimer: This guide provides an overview of the New Razer Synapse app and may only partially cover some of the features of your device. The New Razer Synapse requires an Internet connection to install, update, access, and save cloud-based features. Registering for a Razer ID account is recommended but optional. All features listed here are subject to change based on the current version, connected device(s), and supported add-ons.*

### SYNAPSE

The Synapse tab is your default tab when you first launch Razer Synapse. Use the following buttons below to navigate the user interface:

— Minimize

Clicking this button will minimize the app to the taskbar while it runs in the background.

□ Maximize

This button expands the browser window to fill the entire screen. To restore the window to its original size, click the maximize button again.

✕ Close

This button will close all relevant tabs and terminate the application completely.

◀ Previous Tab

Clicking this button will return you to the last tab you have visited.

> Next Tab

Clicking this button will move you to the next page if you've recently used the Previous Tab button.

↻ Refresh Tab

This button reloads the current page. Use this if a page isn't displaying correctly or you want to see the latest content.

⬇ Download Update

If this button appears, that means there are changes to the app. Use this if a page isn't displaying correctly or you want to see the latest content.

#### More

Clicking this button will open a pop-up so you can easily access your Devices, Modules, and Other Installed Apps tabs.

#### Settings

Clicking this button will open the Settings tab, so you can quickly change the settings to this app.

#### Profile

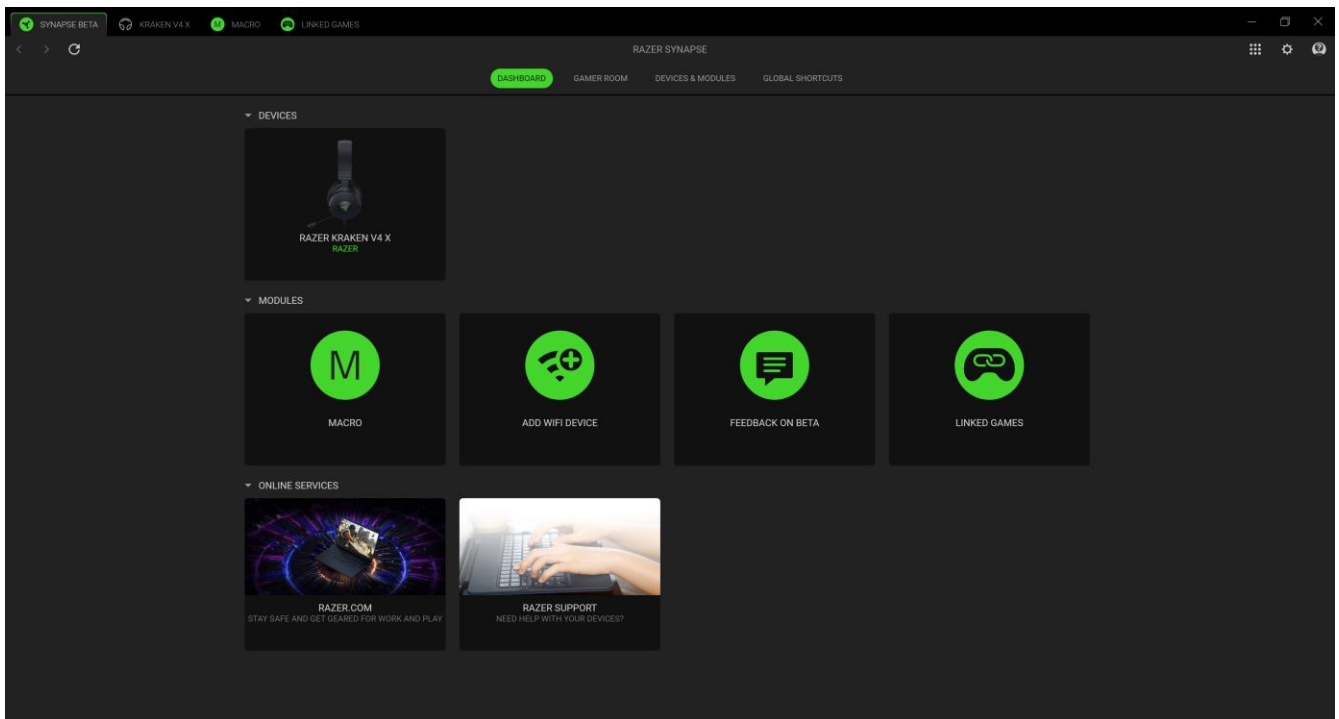
This button will open a pop-up to access the Log In, Feedback, Rate This Software, Add WiFi Device, and Exit options.

#### Info

Hovering over this button will pop up an additional information about a feature or function.

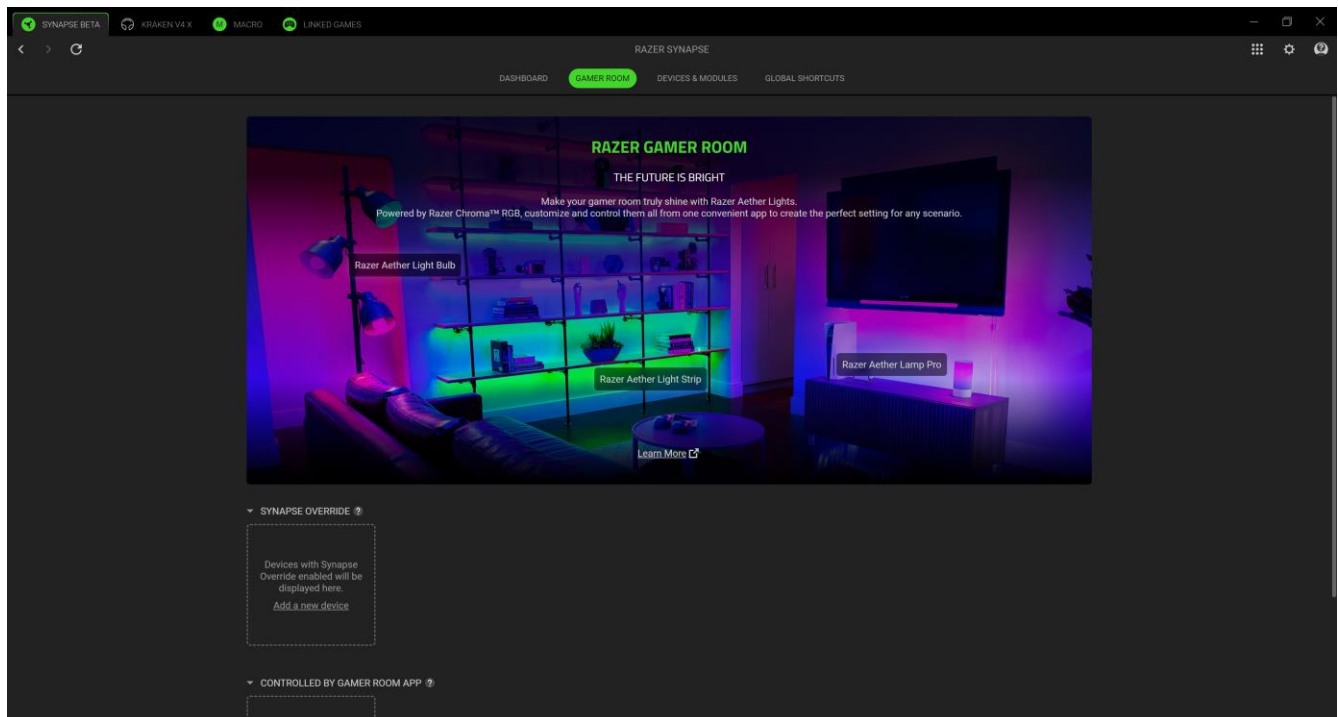
### Dashboard

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



## Gamer Room

The Gamer Room subtab shows all devices with the Razer Aether Light feature. From here, you can view and manage your Gamer Room-supported devices.



### Synapse Override

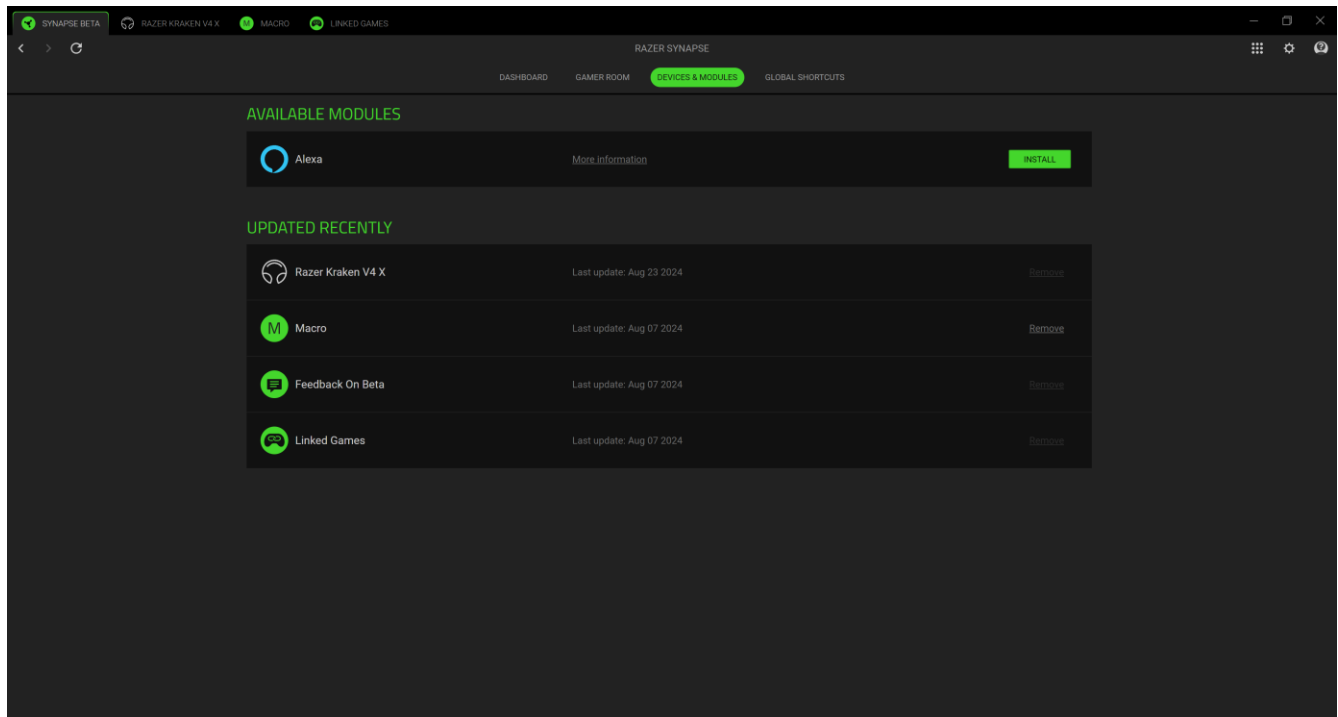
This section allows you to select and customize your device's lighting and make it react to Chroma-enabled games and Chroma Connect apps using Razer Synapse.

### Controlled By Gamer Room App

This section displays all supported devices controlled remotely by the Gamer Room app.

## Devices & Modules

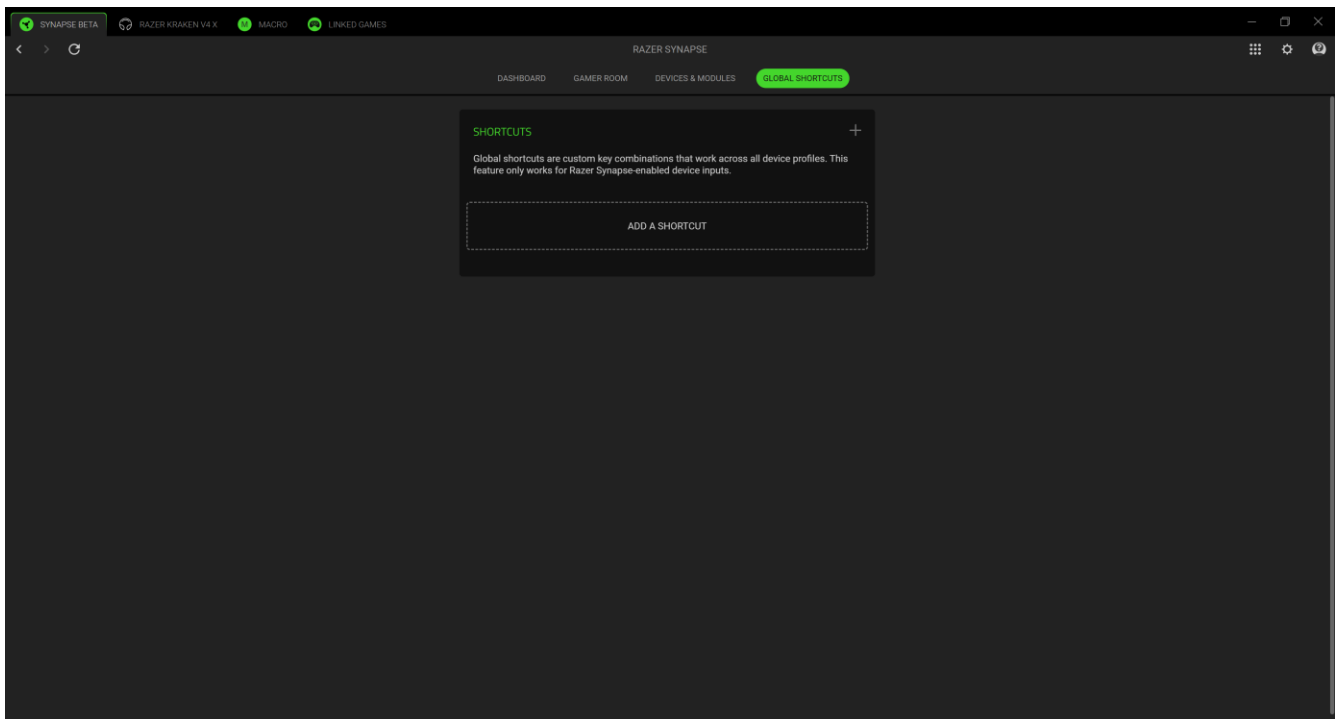
The Modules subtab displays all installed and available modules for installation.



## 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.

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



## KRAKEN V4 X

The Kraken V4 X tab is the main tab for your Razer Kraken V4 X. You can change your device settings from here, such as lighting (if supported), setting and customizing EQ profiles, and adjusting the overall system volume or individual volume of all active applications. Any changes under this tab will be saved automatically to your local system and cloud storage. Use the following buttons below to access your profile options:

 Profiles Dropdown Bar

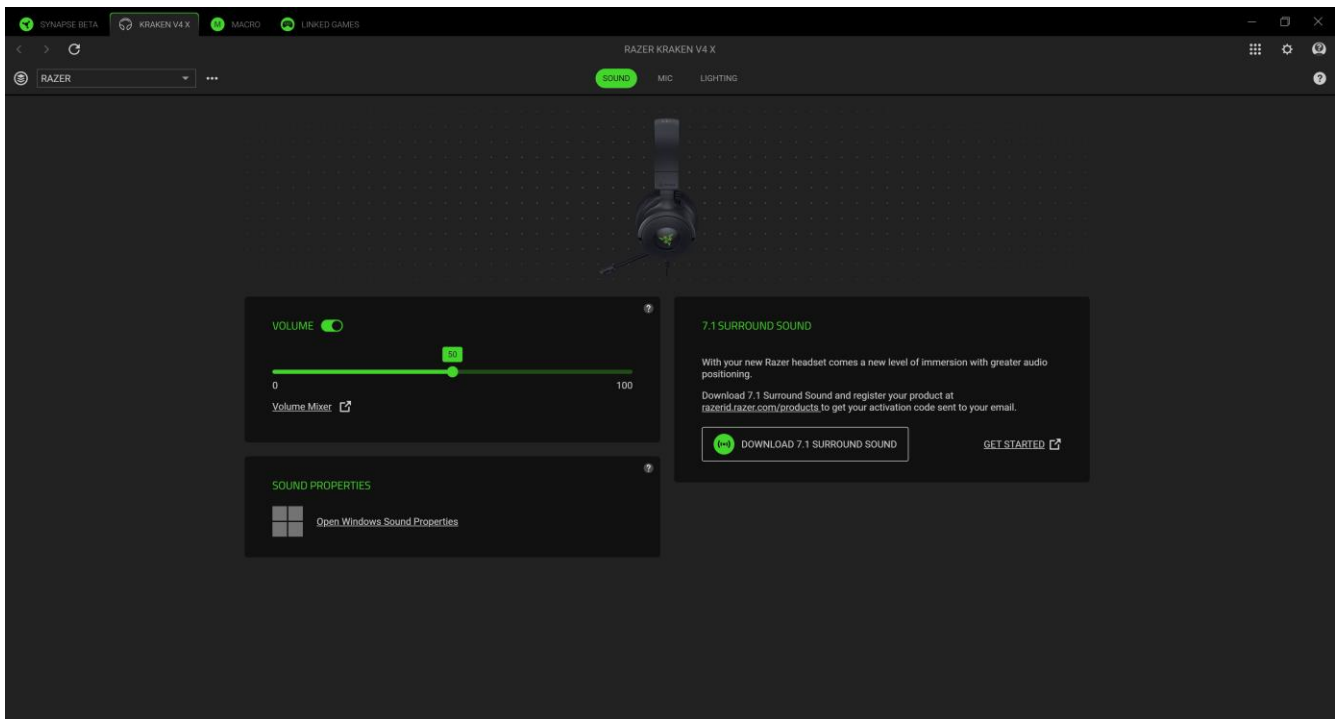
Clicking this dropdown bar will display all the profiles for this device so you can quickly change profiles.

\*\*\* Miscellaneous

Clicking this button will open a pop-up with options related to your current profile.

### Sound

The Sound subtab is for adjusting and modifying your device's audio settings.



### Profile

Profile is a data storage system that keeps all your Razer device settings. By default, the profile name is based on your system's name. Clicking the dropdown bar ( ▾ ) will display all profiles for this device so you can quickly switch between them. To add, import, rename, duplicate, export, or delete a profile, press the profile's corresponding Miscellaneous button ( ⋮ ).

### Volume

Adjust the audio volume of the device. You can also adjust the system's overall volume or individual application volumes using the Windows volume mixer.

### Sound Properties

Launch the Windows Sound Properties window to manage system sound settings, such as playback and recording device configurations, sound schemes, and default communications activity.

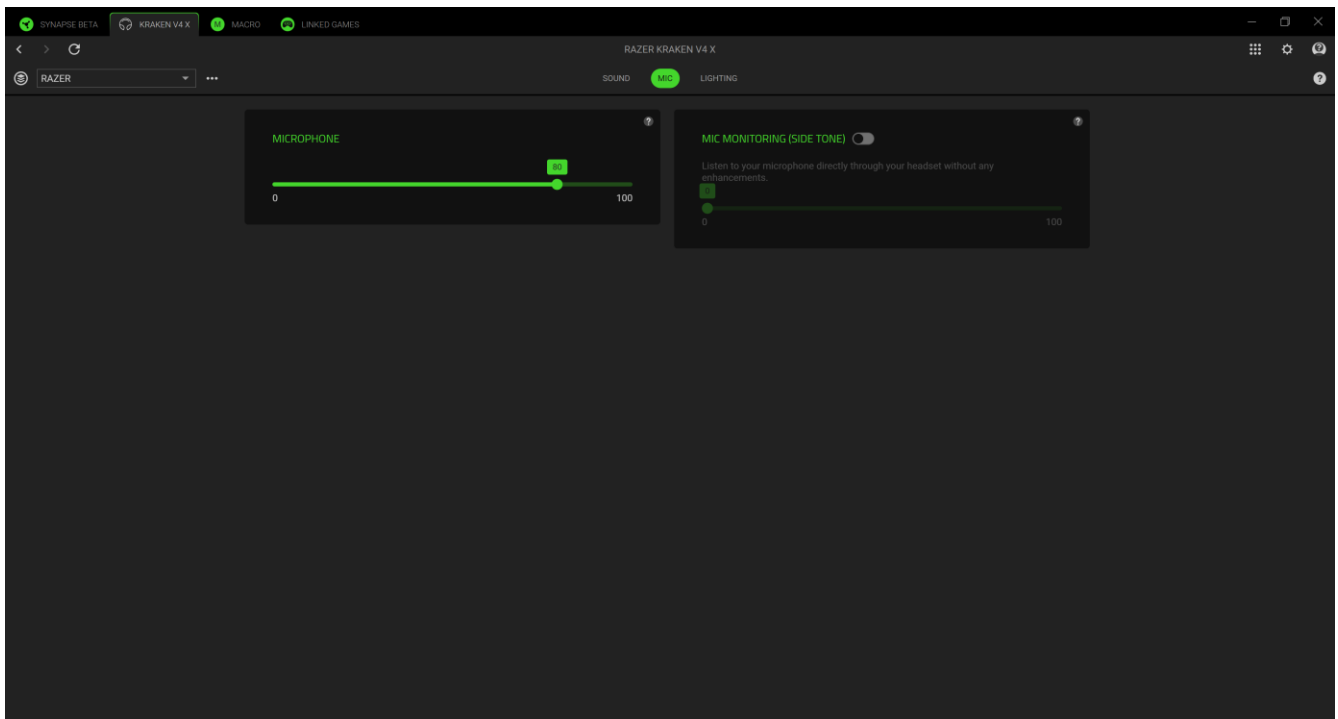
### 7.1 Surround Sound

The following functions are only available for devices that come with THX Spatial Audio: [Learn which devices include 7.1 Surround Sound](#)

### Mic

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





### *Microphone*

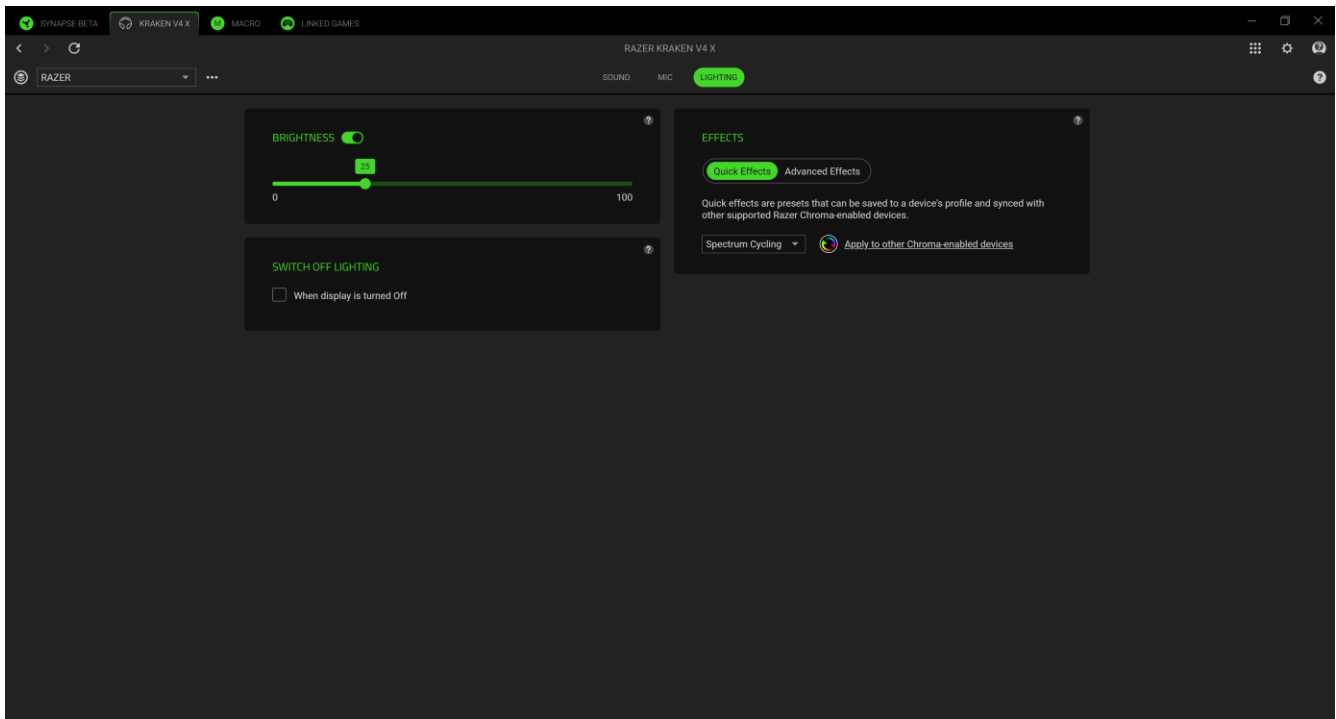
Adjust the microphone input or mute the mic.

### *Mic Monitoring (Side tone)*

Toggle this setting to monitor your microphone's sound directly via the Kraken V4 X, adjusting the monitoring volume as desired.

## Lighting

The Lighting subtab enables you to modify your Razer device's light settings.



### Brightness



You can turn off your Razer device's lighting by toggling the Brightness option or increase/decrease the luminance using the slider.







### Switch Off Lighting


This power-saving tool allows you to disable your device's lighting when your system's display turns off or automatically power it down after a period of inactivity.

### Quick Effects

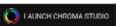
A number of quick effects can be selected and applied to your device's lighting, as listed here:


	Name	Description	How to set up
	Audio meter	The Kraken V4 X will light up according to the audio level with a default spectrum of colors.	Select a Color Boost level.
	Breathing	The lighting will fade in and out of the selected color(s).	Select up to 2 colors or randomize colors

	Fire	The Kraken V4 X will light up in warm colors to mimic the motion of flames.	No further customization required
	Spectrum cycling	The lighting will cycle between 16.8 million colors indefinitely.	No further customization required
	Starlight	The Kraken V4 X will have a chance of fading in and out at a random time and duration.	Select up to 2 colors or randomize colors and select a duration.
	Static	The Kraken V4 X will remain lit in the selected color.	Select a color.
	Wave	The lighting will scroll in the direction selected.	Select either left-to-right or right-to-left wave direction.
	Wheel	The lighting will rotate in the direction selected with a default spectrum of colors.	Select a direction.

If you have other supported Razer Chroma-enabled devices, you can synchronize their quick effects with your Razer device by clicking the Chroma Sync button (  ).

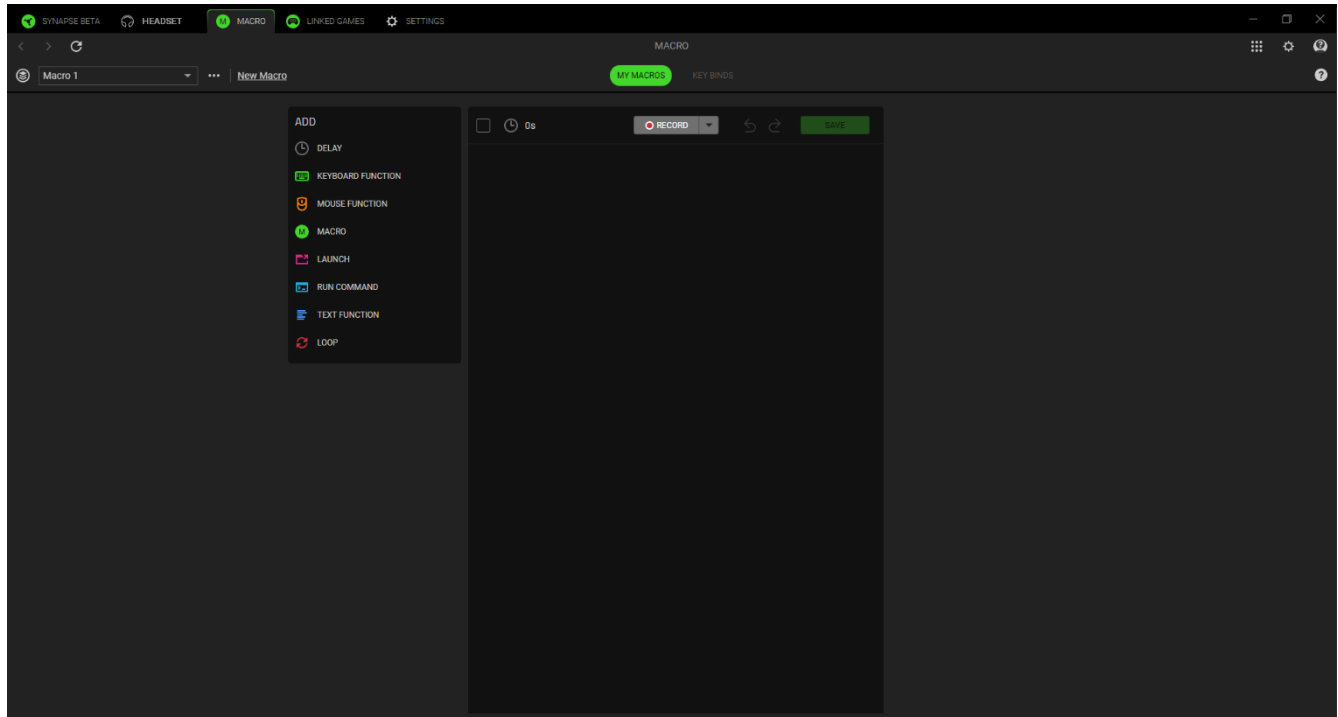
### Advanced Effects

The Advanced Effects option allows you to choose a Chroma Effect Profile you want to use on your Razer Chroma-enabled peripheral. To start making your own Chroma Effect Profile, press the Launch Chroma Studio button (  ).

 *Some lighting effects listed here may not be available for your device. Only other Razer devices that support the selected lighting effect will synchronize. Indicator LEDs are not customizable.*

## MACRO

If you need to execute a series of complex commands accurately, you need a macro. A macro is a set of recorded keystrokes, button presses, and cursor movements. that you can bind to your device and execute at any time.



### My Macros

The My Macros subtab allows you to create, edit, and organize these macros to assign them to your Razer device's keys or buttons. Use the following buttons below to access your macro options:

 Macro Dropdown Bar



Clicking this dropdown bar will display all the macros for this device. From here, you can search for a specific macro, sort your macros, create a new folder, and create a new macro. Selecting a macro will enable miscellaneous options such as renaming, duplicating, or deleting the macro.

\*\*\* Miscellaneous

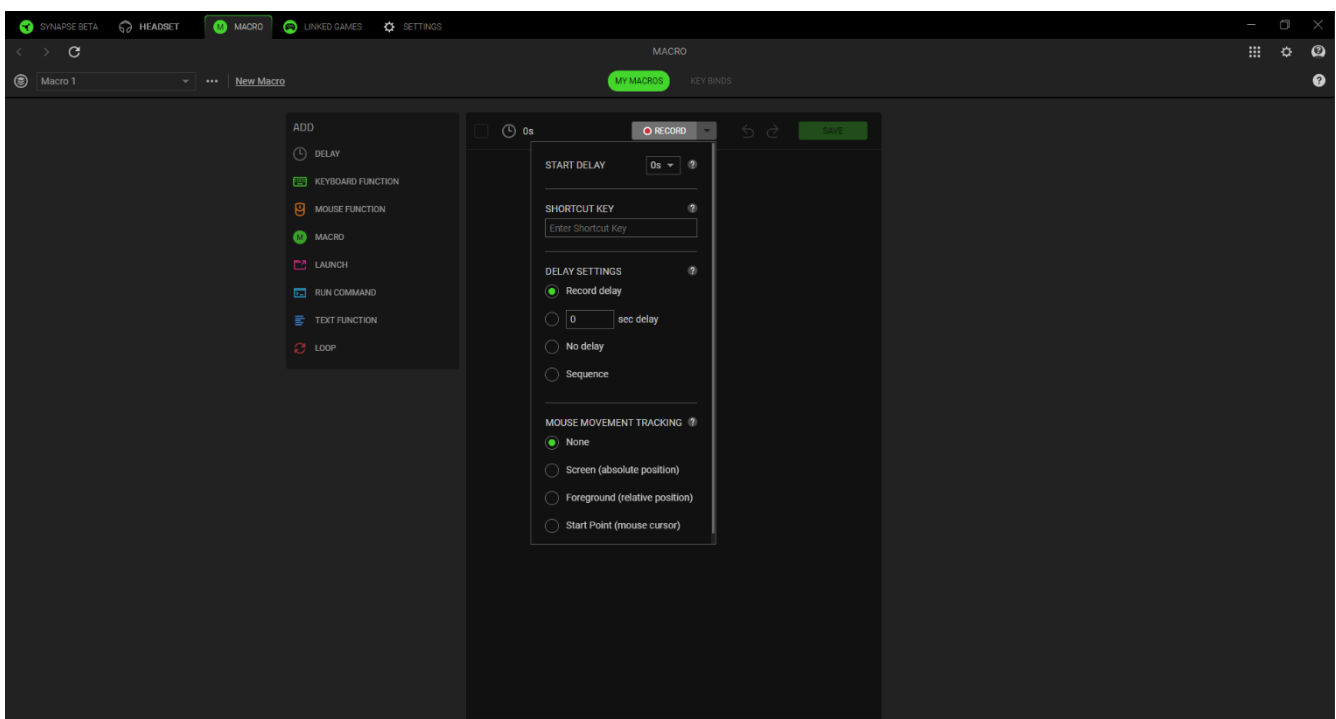
Clicking this button will open a pop-up with options related to your current macro.


### New Macro

Use this link to create and select the new macro quickly.

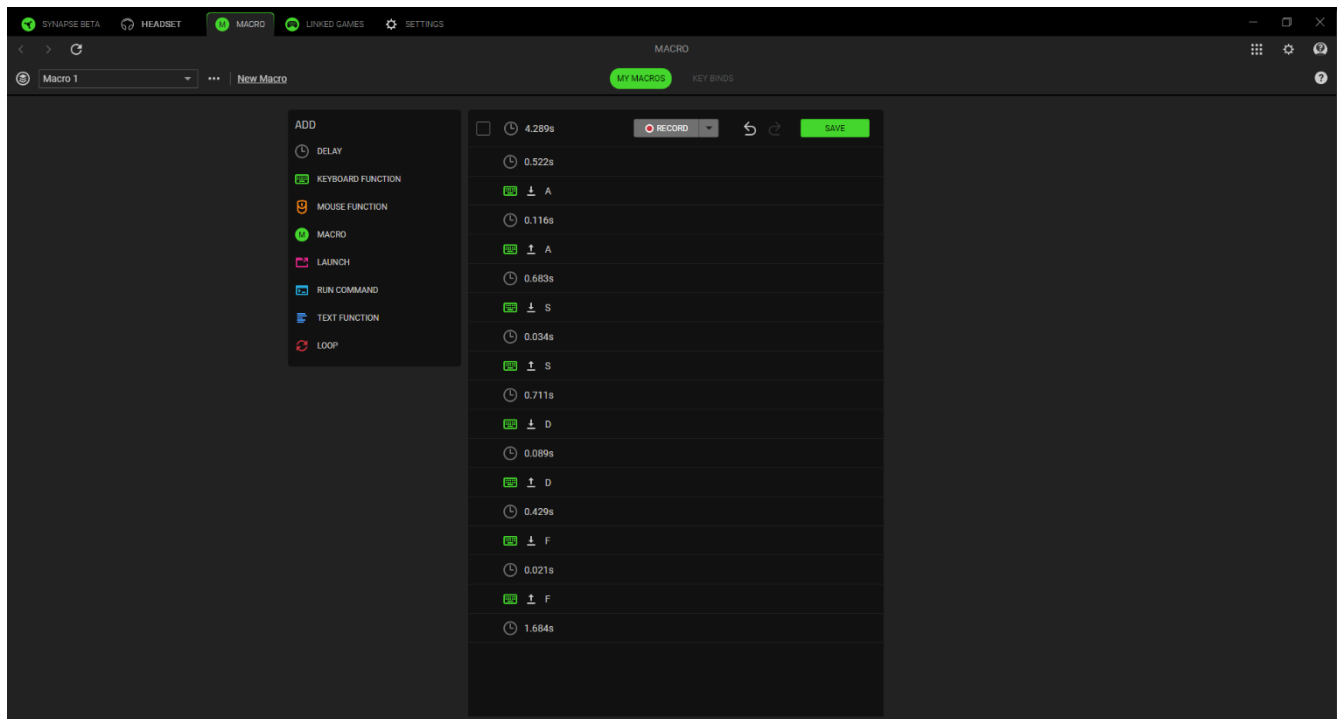
Once you have a macro, you can record keystrokes, button presses, and cursor movements. by clicking the Record button (  ) or you can customize the macro by clicking the dropdown menu button (  ) before you start recording with the following options below:

- **Start Delay.** Set a short delay between 1 and 5 seconds before the recording starts.
- **Shortcut Key.** Assign a shortcut key to start a macro recording even when Razer Synapse is in the background.
- **Delay Settings.** Set the amount of time between each command.
- **Mouse Movement Tracking.** Enable mouse movement recording and set conditions for how it is recorded.



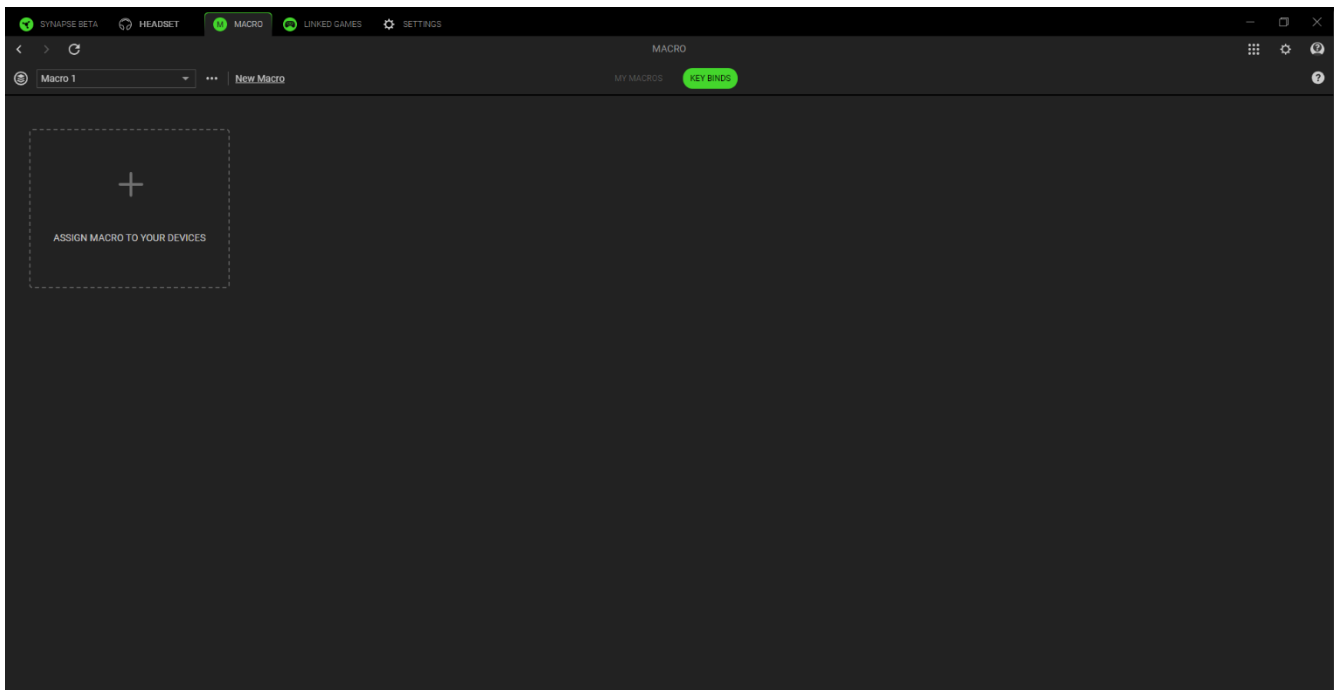
After recording your macro commands, click the Stop button (  ) or press the Shortcut key to end the session. Once you have recorded a macro, you may edit the commands you have entered by selecting each command on the macro screen. Each keystroke or button press is arranged sequentially, with the first command at the top of the screen.

The Insert menu on the left side of the screen allows you to add delays, input keystrokes and button presses, insert an entire macro group within the macro, launch apps, run commands, type texts, and loop a set of commands within the macro.



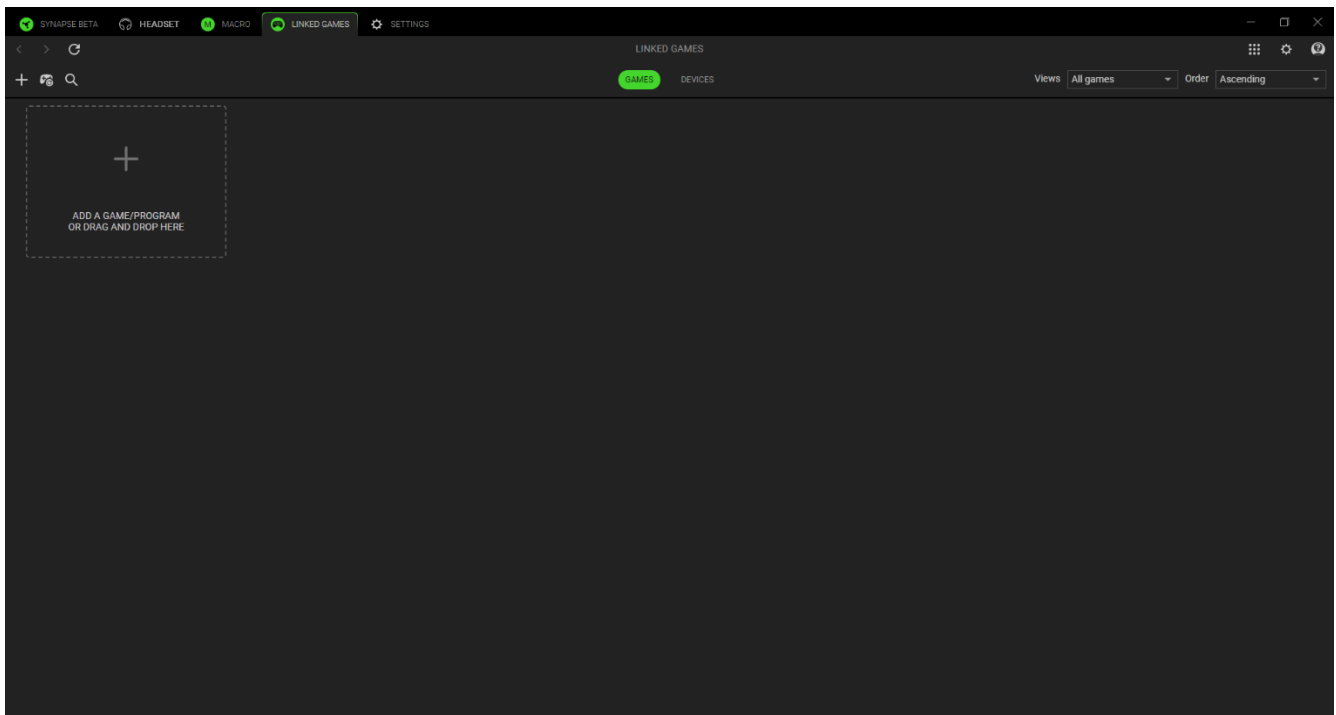
## Key Binds

The Key Binds subtab allows you to view the Shortcut Keys for the selected macro. You can bind a macro to the key or button of your choice without leaving the Macro tab by clicking the Assign Macro To Your Devices button ( + ).



## LINKED GAMES

The Linked Games tab allows you to add apps, view peripherals linked to apps, or search for listed apps. You can also sort apps based on alphabetical order, last played, or most played. Apps will still be listed here, even if not linked to a Razer device. To add an app that is not listed on the screen, you can use the Add button ( + ) to search for it manually or use the Scan button ( 📶 ) to search for it automatically. Click the Search button ( 🔍 ) to look for a specific game or program from the list.

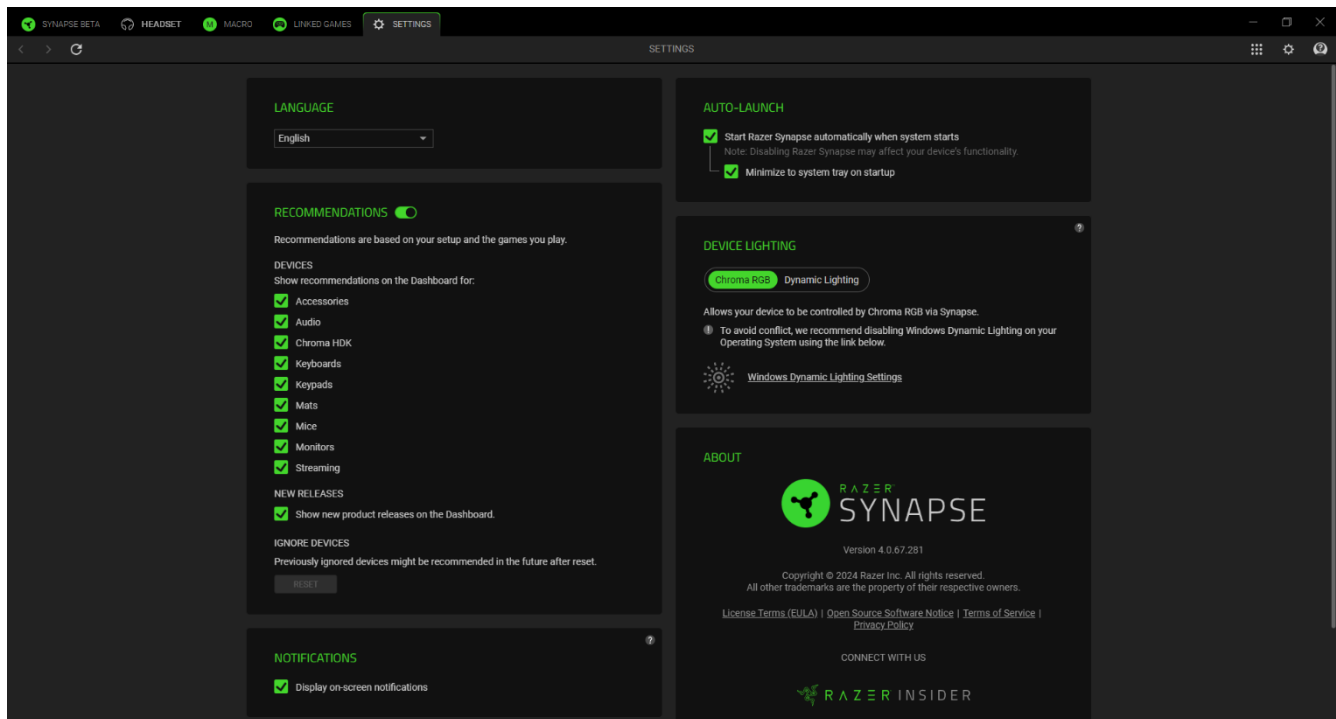


To link an app to your Razer device, click on it from the list and select a device and its profile. This will automatically set your device to the selected profile whenever you launch the app.



## SETTINGS

The Settings tab, accessible by clicking the ( ⚙ ) button, enables you to configure numerous options as listed below:



### Language

This option lets you change the display language of Razer Synapse.

### Auto Launch

The Auto Launch option allows you to configure the startup behavior the app.

### Recommendations

Recommendations enable us to show the latest products and features on your Dashboard based on your installed devices and linked games.

### Device Lighting

This option lets you choose which app will control the lighting effects on your device.

### Notifications

The Notifications option allows the app to display on-screen notifications even if you run full-screen apps.

### Tutorials Reset

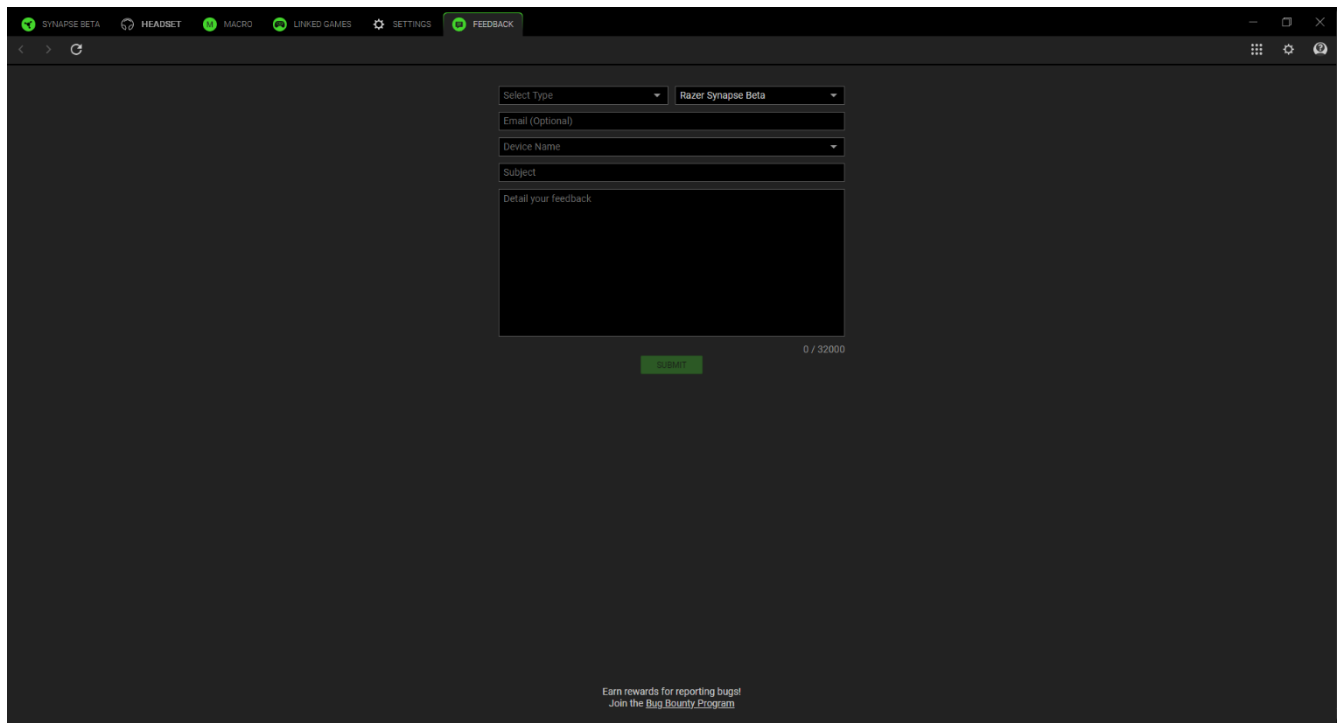
Selecting the Reset button will reactivate all tutorials that help you acquaint yourself with Razer Synapse's features.

## About

The About section shows the current software version, displays the copyright statement, and provides relevant links for Razer's terms of use. You may also use this option to quickly access Razer's social communities.

## FEEDBACK

Help us improve Razer Synapse by giving your comments, suggestions, and problems with the software. You can contact us directly using this tab and even earn rewards for reporting bugs.



The screenshot shows the Razer Synapse software interface with the 'FEEDBACK' tab selected. The form includes the following fields:

- Select Type:** A dropdown menu currently showing 'Razer Synapse Beta'.
- Email (Optional):** A text input field.
- Device Name:** A dropdown menu.
- Subject:** A text input field.
- Detail your feedback:** A large text area for providing details.

At the bottom of the form is a green 'SUBMIT' button and a character count '0 / 32000'. Below the form, a small text line reads: 'Earn rewards for reporting bugs! Join the [Bug Bounty Program](#)'.

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## 8. SAFETY AND MAINTENANCE

### SAFETY GUIDELINES

In order to achieve maximum safety while using your Razer Kraken V4 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.

Don't take apart the device, and don't 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 stabilize the temperature to an optimal level.

We recommend stretching your Razer Kraken V4 X gently apart before placing them over your head to minimize headband stress. However, please avoid overstretching the Kraken V4 X 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

Your Razer Kraken V4 X 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. Don't use soap or harsh cleaning agents.

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## 9. LEGALESE

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