

**RAZER**  
**KRAKEN** USB



Feast your ears on full-blooded gaming audio with the Razer Kraken USB. Everything in your games will be heard in immersive virtual surround, customizable to your needs via the Razer Surround calibration software. An included anti-noise microphone ensures teamwork and VOIP calls are conducted in absolute clarity.

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## 1. PACKAGE CONTENTS / SYSTEM REQUIREMENTS

### ***PACKAGE CONTENTS***

- Razer Kraken USB Gaming Headset
- Important Product Information Guide

### ***SYSTEM REQUIREMENTS***

- PC/Mac with USB port
- Windows® 8 / Windows® 7 / Windows Vista® / Mac OS X (10.7-10.9)
- Internet connection (for driver installation)
- At least 100MB of free hard disk space

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## 2. REGISTRATION / TECHNICAL SUPPORT

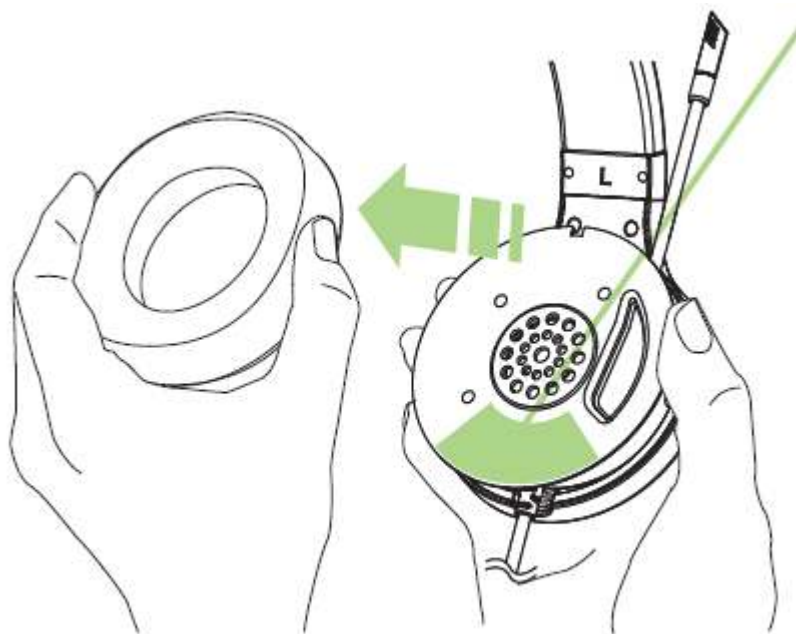
### **REGISTRATION**

Sign up now for a Razer Synapse account to get real-time information on your product's warranty status. To learn more about Razer Synapse and all its features, visit [www.razerzone.com/synapse](http://www.razerzone.com/synapse).

If you are already a Razer Synapse user, register your product by clicking on your email address at the Razer Synapse application and select *Warranty Status* from the dropdown list.

To register your product online, visit [www.razerzone.com/registration](http://www.razerzone.com/registration). Please note that you will not be able to view your warranty status if you register via the website.

Your product's serial number can be found inside the leatherette ear cup, as shown



### **TECHNICAL SUPPORT**

What you'll get:

- 1 year limited manufacturer's warranty.
- Free online technical support at [www.razersupport.com](http://www.razersupport.com).

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### 3. TECHNICAL SPECIFICATIONS

#### HEADPHONES

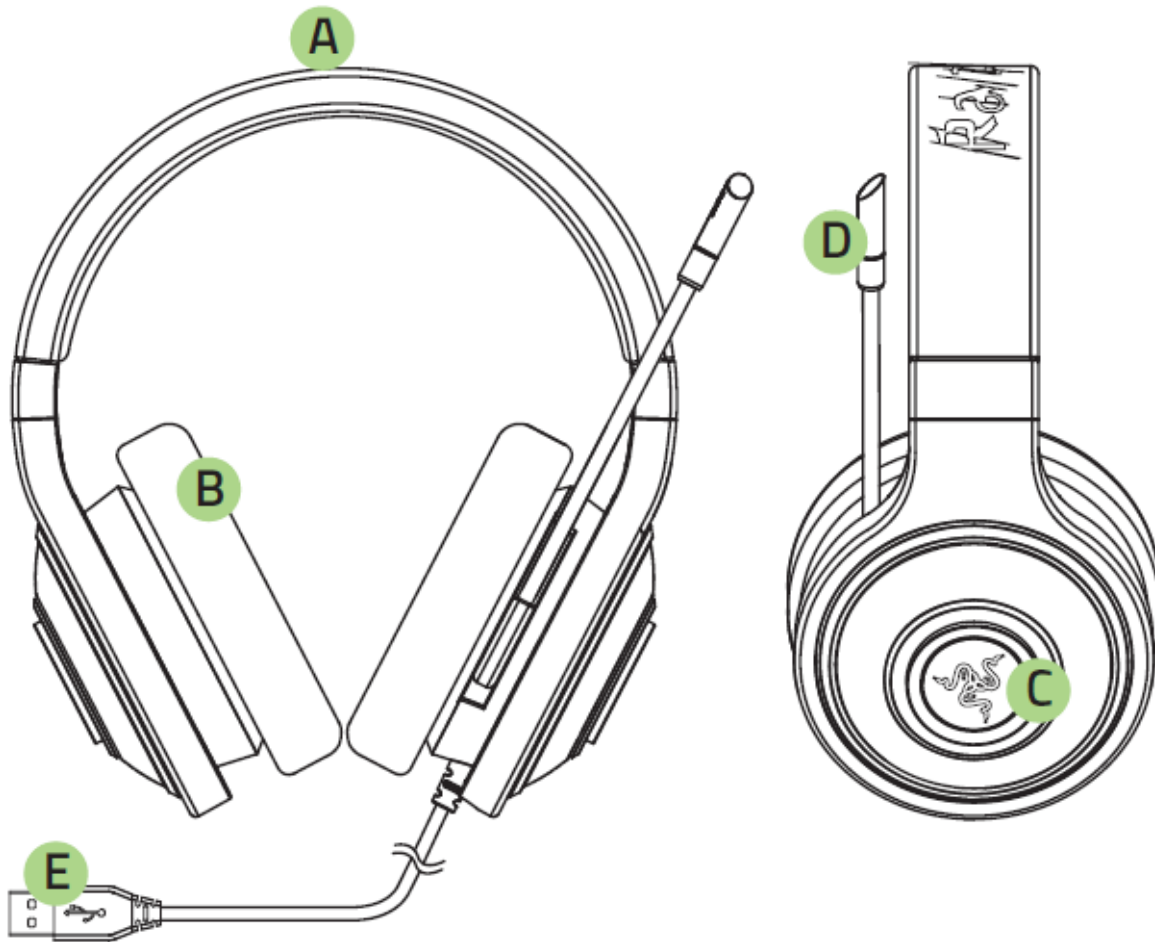
- Drivers: 32mm Neodymium magnets
- Frequency response: 20Hz – 20kHz
- Impedance: 32  $\Omega$
- Sensitivity @ 1kHz: 112dB
- Output power: 30mW
- Connector: Gold plated USB
- Cable length: 2m / 6.56ft rubber USB cable
- Approximate weight: 250g

#### MICROPHONE

- Frequency response: 100Hz – 12kHz
- Sensitivity @ 1kHz: -40dB  $\pm$  4dB
- Signal-to-noise ratio: 63dB
- Pick-up pattern: Unidirectional

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## 4. DEVICE LAYOUT

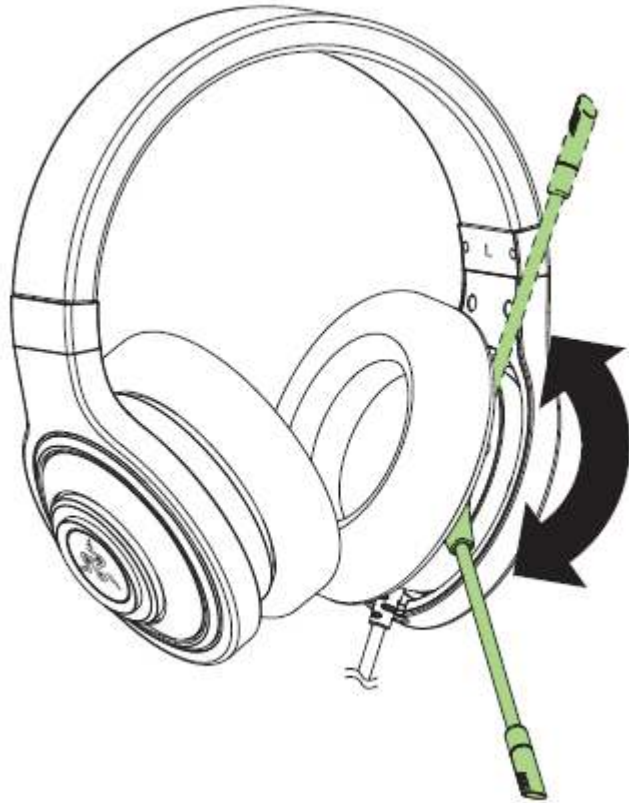


- A. Adjustable Padded Headband
- B. Circumaural, Leatherette Ear Cushions
- C. Razer Logo Lighting
- D. Unidirectional Analog Microphone
- E. Gold plated USB connector

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## 5. USING YOUR RAZER KRAKEN USB

### *USING THE MICROPHONE*



## ***EXTENDING YOUR HEADSET'S LIFESPAN***

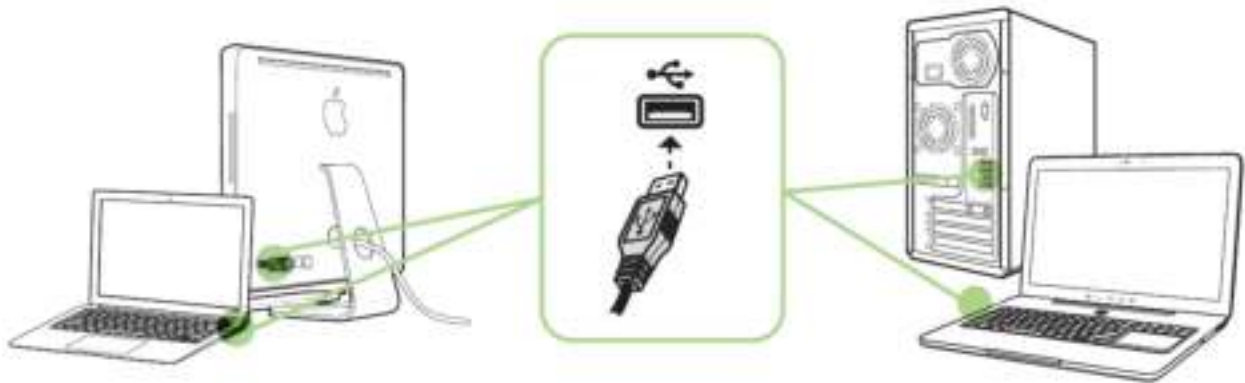


We recommend stretching the headset gently apart before placing them over your head to minimize headband stress. However, please avoid overstretching the headset beyond its technical limits.



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## 6. INSTALLING YOUR RAZER KRAKEN USB



Step 1: Connect your Razer device to the USB port of your computer.

Step 2: Install Razer Synapse when prompted\* or download the installer from [www.razerzone.com/synapse](http://www.razerzone.com/synapse).

Step 3: Create your Razer ID or login to Synapse with your existing Razer ID.

\*Applicable for Windows 8 or later.

*Note: By default, the Razer Kraken USB headset works out of the box as a stereo headset. To achieve 7.1 surround sound, please install Synapse to set up virtual 7.1 surround sound.*

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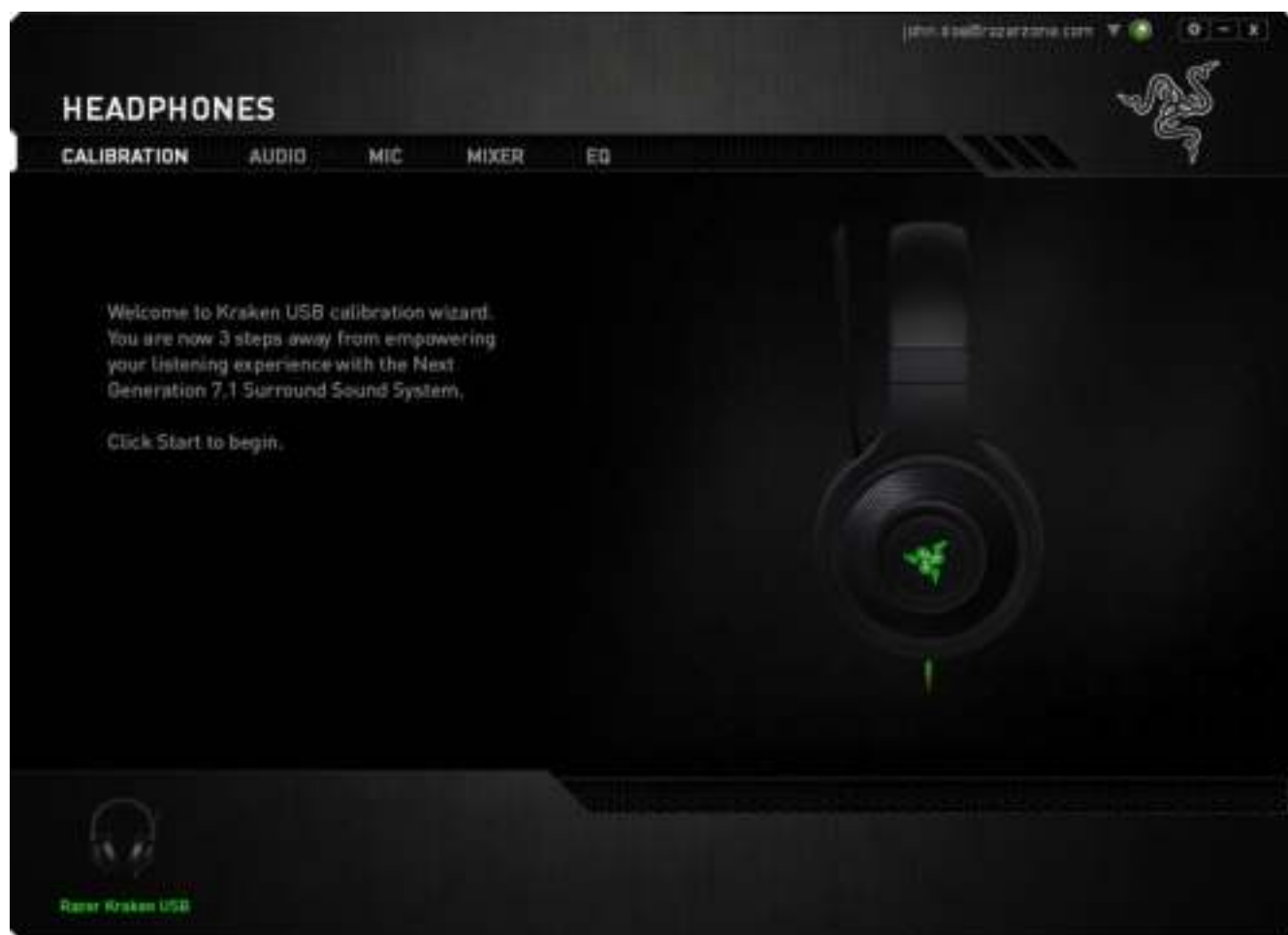
## 7. CONFIGURING YOUR RAZER KRAKEN USB

*Disclaimer: The features listed here require you to log in to Razer Synapse. These features are also subject to change based on the current software version and your Operating System.*

Your Razer Kraken USB headset is equipped with various software customizable features to unleash its full power.

### **CALIBRATION TAB**

A 3 step calibration wizard helps you set up your Razer Kraken USB for virtual 7.1 surround sound. If you are setting up your audio device for the first time, we recommend using this wizard for a step by step guide on the calibration process.

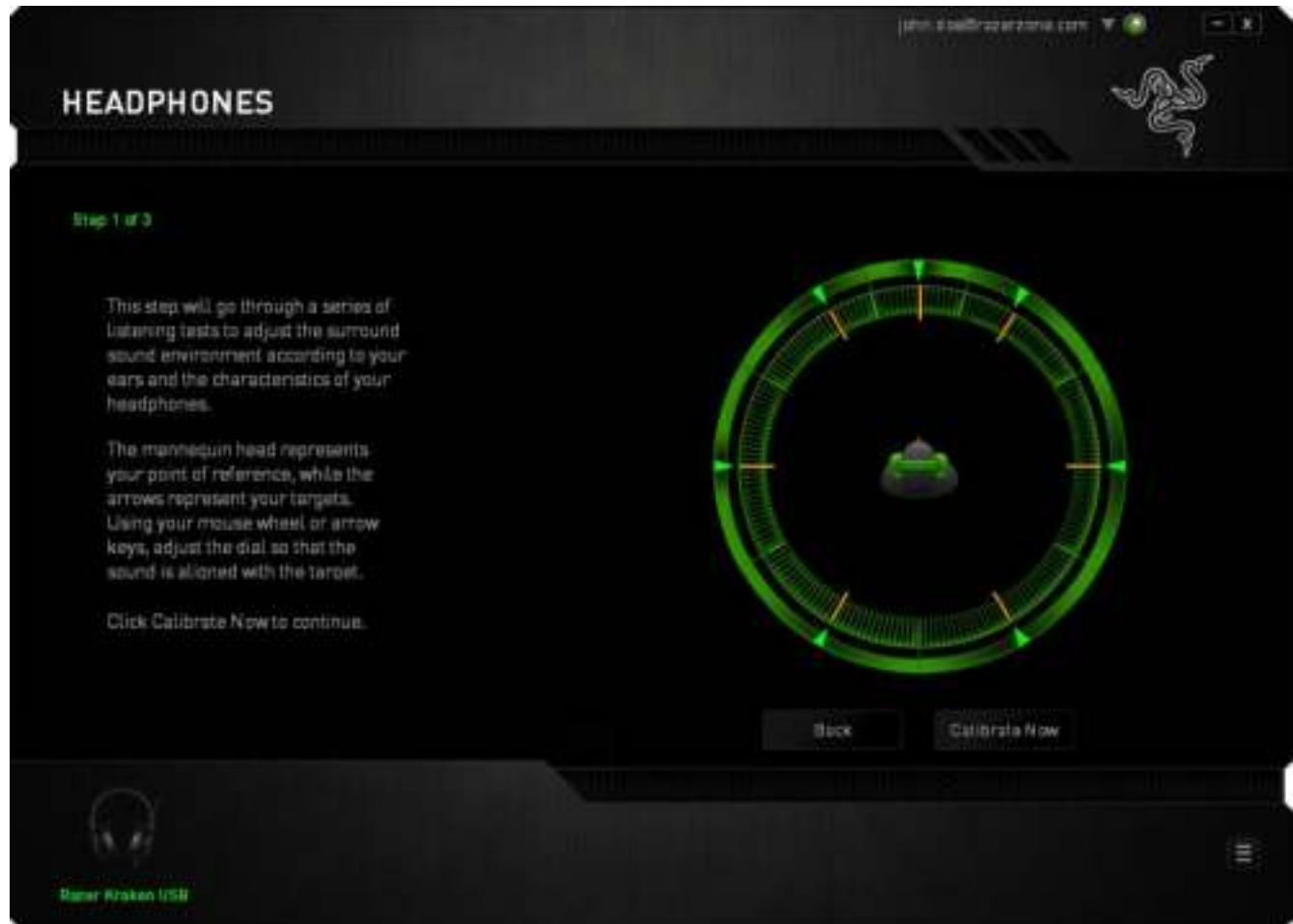


Click **START** to launch the wizard.

### Step 1 of 3

This step introduces the calibration process. Read the instructions carefully and ensure that you are in a quiet environment in order to hear the audio prompts properly.

In this figure, the mannequin represents your position. The green arrows on each segment represent the target direction of the audio playback for that particular segment. Each orange line represents the last saved calibration settings configured.



Click **Calibrate Now** once you are ready to begin the calibration.

## Step 2 of 3

Position yourself according to the point of reference indicated by the mannequin. The calibration process is divided into a series of segments. An audio prompt will be played for each segment.

For the first segment, the sound should be perceived as coming from the direction marked by the green target arrow, roughly North-East of your point of reference. Your aim is to move the sound you hear such that you perceive it to be coming from this target direction. To achieve this,

1. Listen carefully to the audio prompt
2. The sound you hear will change direction as you move the mouse scroll wheel or the up/down arrow keys.
3. Continue changing the direction of the sound until you perceive it to come from the North-East position or as close to the green target arrow as possible.

*Note: The orange line indicates the relative change to the previously saved alignment setting. It does not affect your current calibration, as it serves merely as a change indicator.*

Click **Next** to continue to the next segment. Repeat the above, using the green target arrow for each segment as the target direction and continue until you complete the circle.



Once all segments are calibrated, click **Next** to go to the next step.

### Step 3 of 3

Click **Experience Surround Sound** to test your personalized sound environment. To tweak a particular section, simply click it to play its audio prompt and adjust the settings as desired. To reset the entire configuration, click **Reset All**. Otherwise, click **Finish** to confirm the settings.

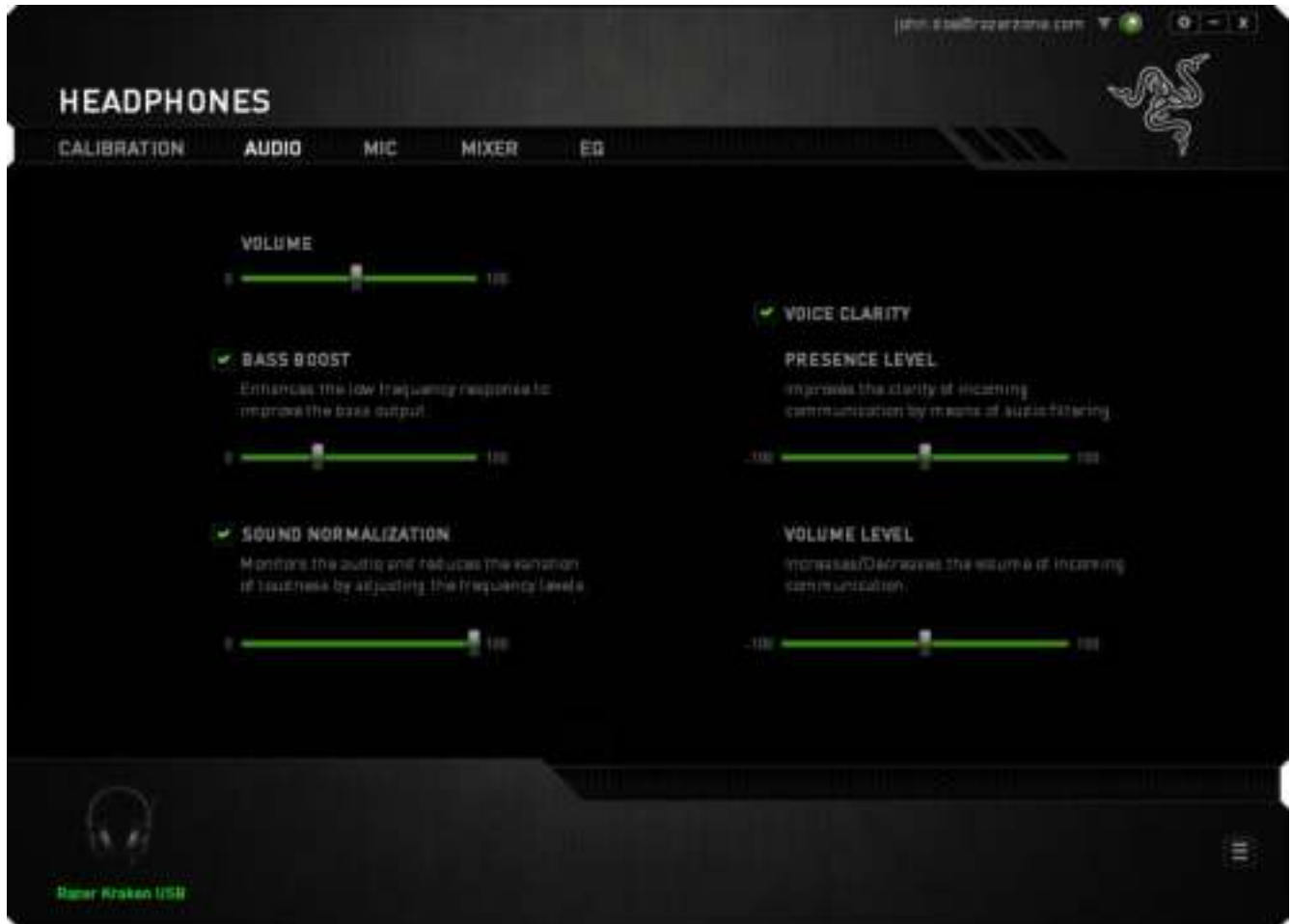


A confirmation screen will be displayed. Click **OK** to save and exit the wizard.



## AUDIO TAB

The Audio Tab lets you control various options related to the audio you hear from your headset.

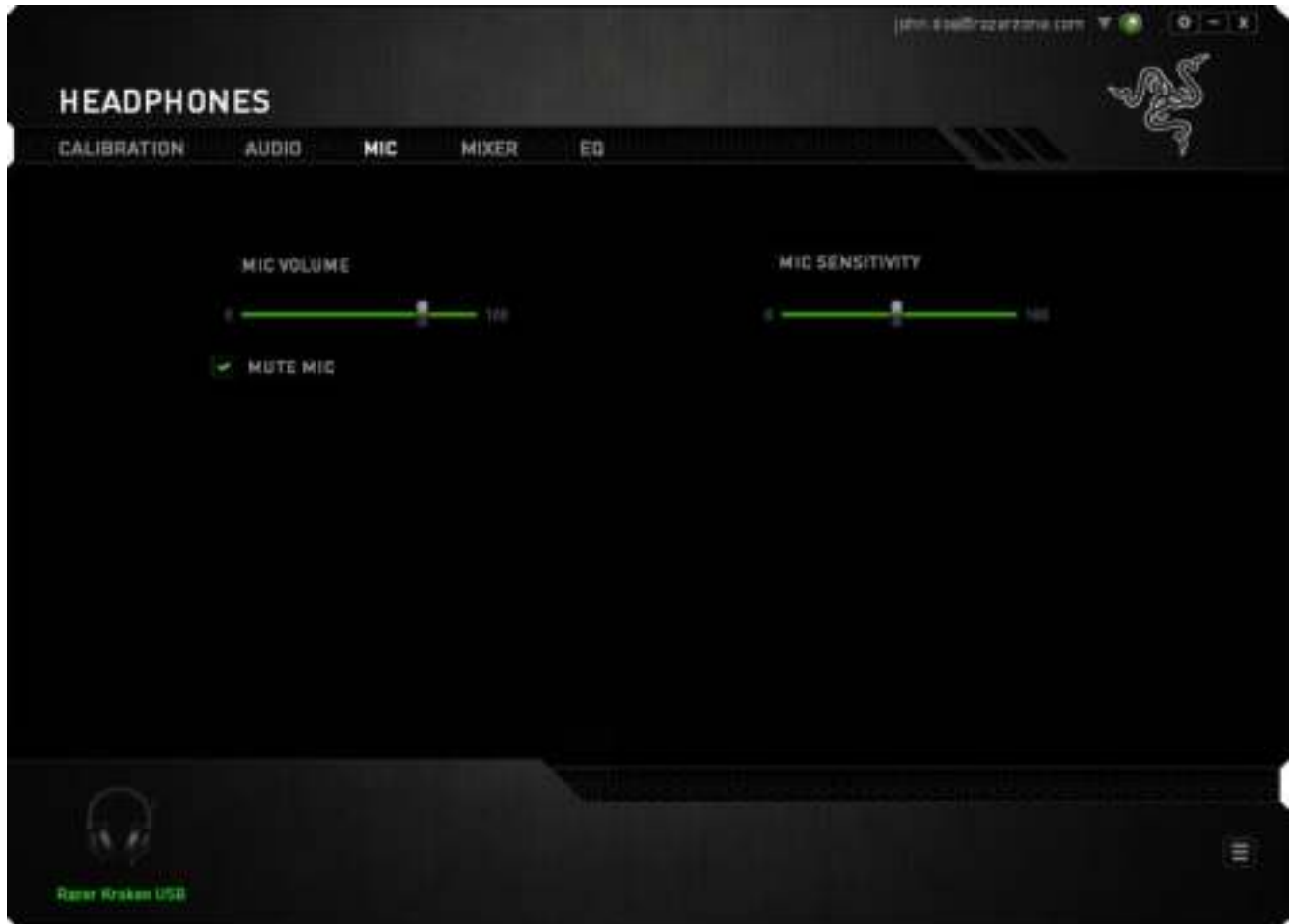


Using the various sliders, you can:

- Adjust the overall volume of your headset
- Improve the bass output of your headset
- Normalize the loudness of audio played to avoid sudden and unpleasant increase in volume from effects such as explosions
- Enable voice clarity adjustments to improve the quality of incoming voice conversations. **Voice Clarity** adjustments includes both clarity (**Presence Level**) and volume (**Volume Level**) of incoming voice conversations.

## **MIC TAB**

The Mic Tab lets you control various options related to how your headset handles voice input via its microphone.



Using the various sliders and options you can:

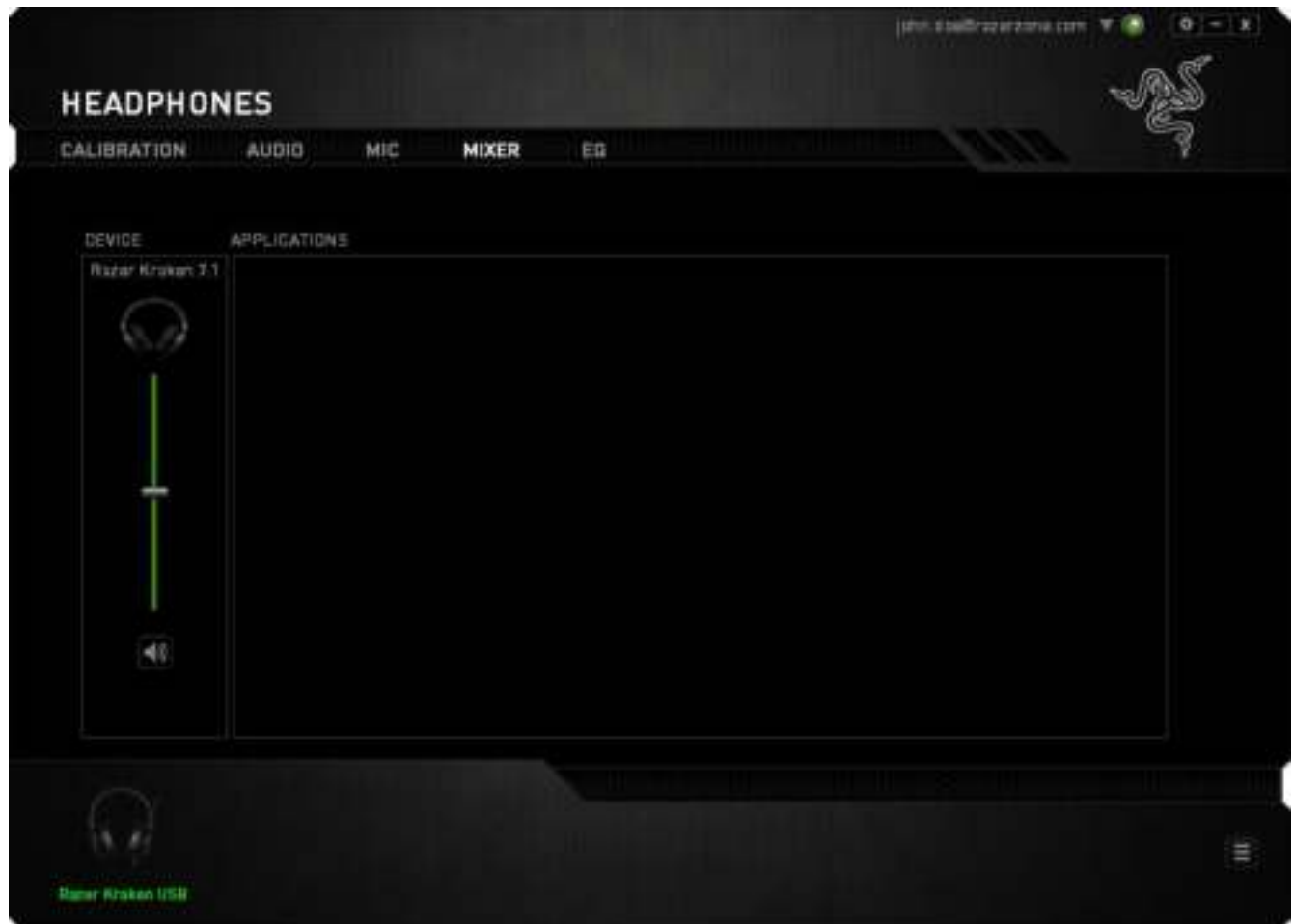
- Adjust the microphone input volume. You can also choose to mute your microphone.
- Adjust the microphone's sensitivity so it cuts out background noises and only picks up your voice.



## **MIXER TAB**

The Mixer Tab allow you to adjust the volume for programs currently running on your system individually.

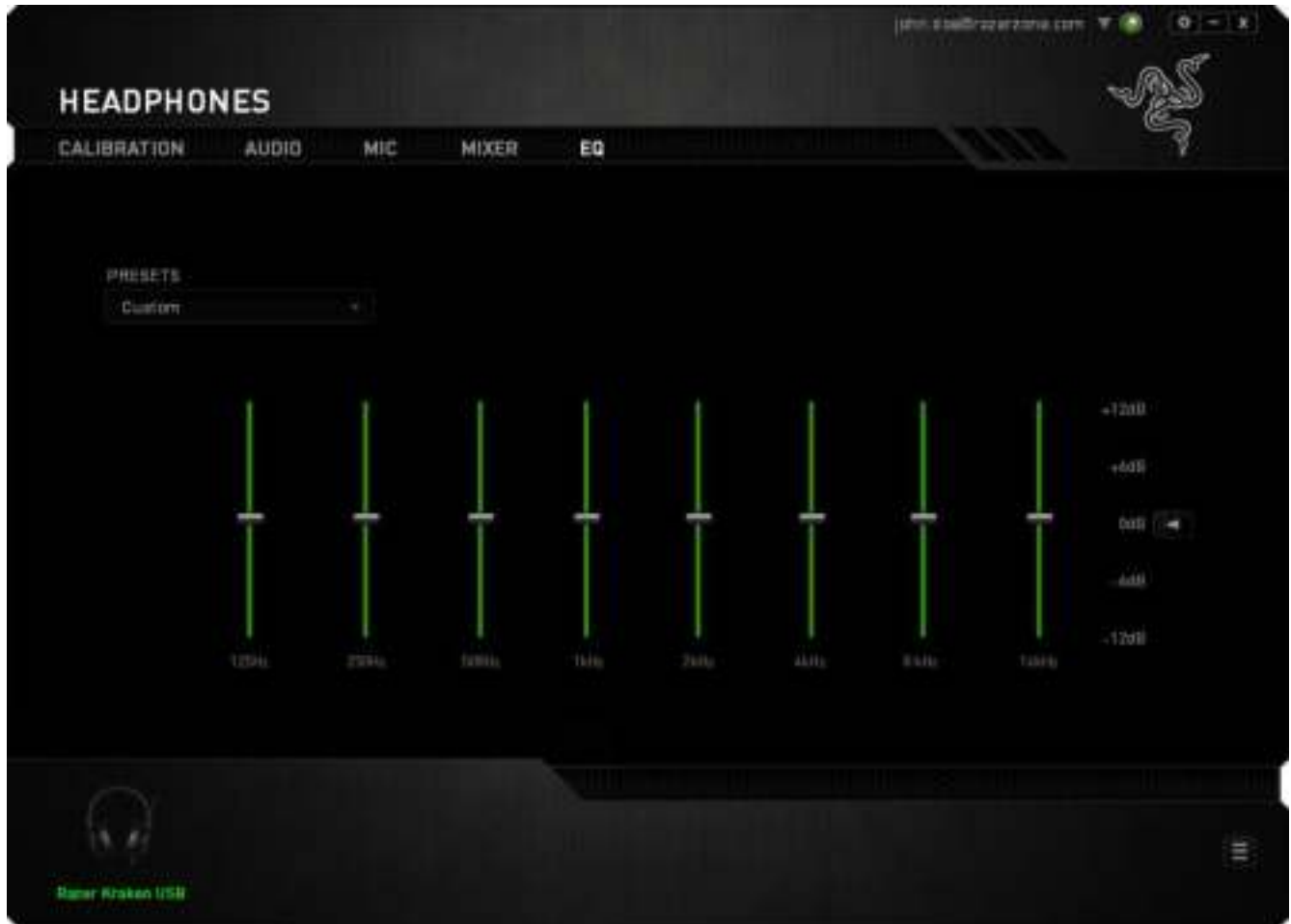
*Note: The Mixer Tab is not available for Mac OS systems.*



Customize the volume of audio for each program using the sliders.

## EQ TAB

The EQ Tab lets you filter various audio frequencies, controlling the overall tone of your audio output.



A list of preset equalizer settings can be selected from the drop down menu, giving you easy access to various commonly used audio tones. You can also manually adjust each audio frequency using the sliders.

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## 8. SAFETY AND MAINTENANCE

### **SAFETY GUIDELINES**

In order to achieve maximum safety while using your Razer Kraken USB, we suggest that you adopt the following guidelines:

1. Should you have trouble operating the device properly and troubleshooting does not work, unplug the device and contact the Razer hotline or go to [www.razersupport.com](http://www.razersupport.com) for support. Do not attempt to service or fix the device yourself at any time.
2. Do not take apart the device (doing so will void your warranty) and do not attempt to service it yourself or operate it under abnormal current loads.
3. Keep your device away from liquid, humidity or moisture. Operate your device only within the specified temperature range of 0°C (32°F) to 40°C (104°F). Should you operate it in a temperature that is beyond this range, unplug and switch off the device in order to let the temperature stabilize within the optimal temperature range.
4. 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 any activities that requires active awareness of your surroundings.
5. 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 Kraken USB 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 with a bit of warm water to prevent dirt buildup. Do not use soap or harsh cleaning agents.

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## 9. LEGALESE

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### ***COSTS OF PROCUREMENT***

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**GENERAL**

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