

RAZER  
**SEIRĒN PRO**



The Razer Seirĕn Pro is a versatile multi-pattern XLR / USB digital microphone with the recording capabilities of a professional-grade studio setup all in a single device. With an aluminum base as a stabilizer, the mic sits securely on your home or studio desktop without the need of an additional mic stand, making it perfect for recording and streaming. The Razer Seirĕn Pro delivers unmatched performance so your audience will always enjoy truly superior recording clarity. This digital microphone is designed to meet and exceed the rigorous expectations of the professional artist and musician in the studio, but also to be simple to use for the game streamer or professional YouTuber at home.

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## 1. PACKAGE CONTENTS / SYSTEM REQUIREMENTS

### ***PACKAGE CONTENTS***

- Razer Seirēn Pro
- Desk stand
- Mini-USB to USB cable
- 30cm XLR splitter cable
- 3.5mm audio extension cable
- Important Product Information Guide

### ***SYSTEM REQUIREMENTS***

#### For Digital Recording

- PC/Mac with USB port
- Windows® 8 / Windows® 7 / Windows® XP (32-bit) / Mac OS X (10.8-10.10)
- Internet connection (for driver installation)
- At least 100MB of free hard disk space

#### For Analog recording

- XLR audio systems

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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.

### **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**

#### **MICROPHONE**

Power required / consumption: 5V 300mA (USB) / 48V DC (analog)

Sample rate: 192kHz

Bit rate: 24bit

Capsules: Three 14mm condenser capsules

Polar patterns: Stereo, cardioid, omnidirectional, bidirectional

Frequency response: 20Hz – 20kHz

Sensitivity: 12.5mV/Pa (1kHz)

Max SPL: 120 dB

#### **HEADPHONE AMPLIFIER**

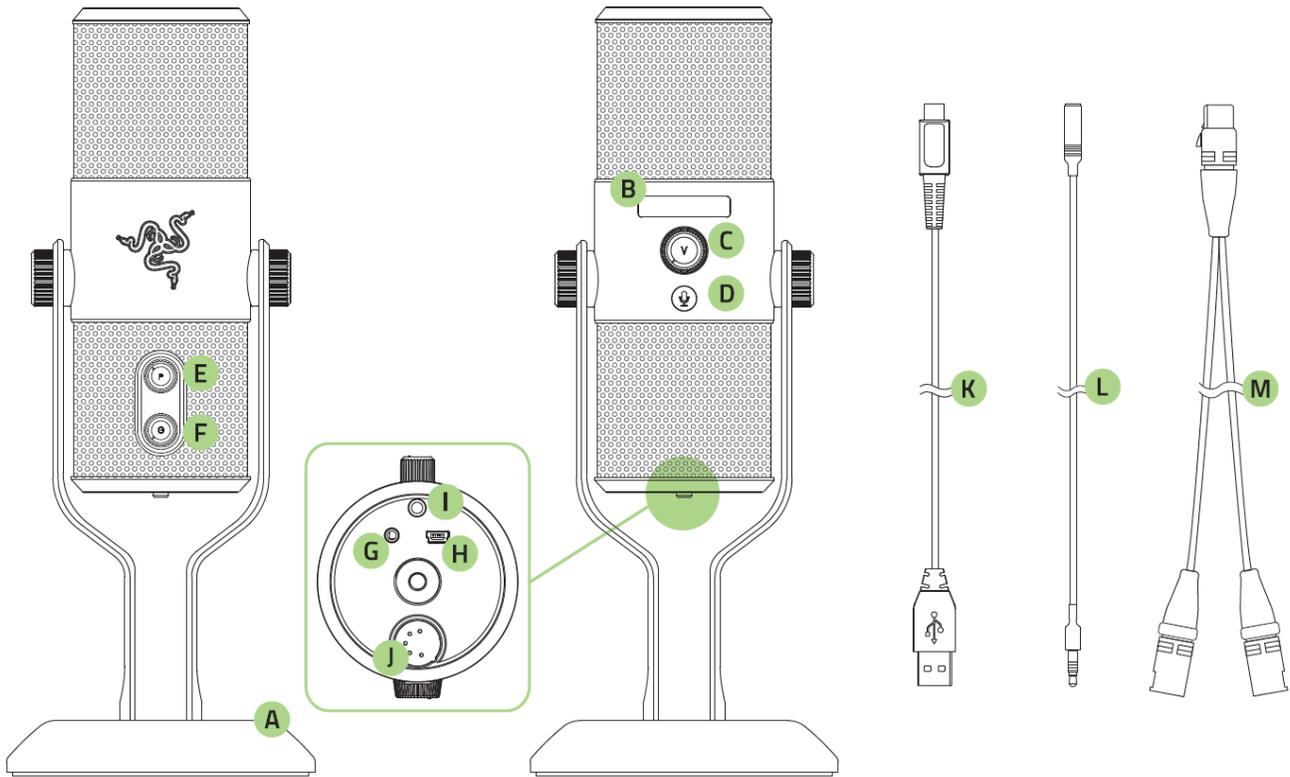
Impedance:  $\geq 16\text{ohms}$

Power output (RMS): 130mW (@16ohms)

Frequency response: 15Hz – 22kHz

Signal-to-noise ratio: 114dB

## 4. DEVICE LAYOUT



- A. Desk stand with adjustable knobs
- B. Status OLED display
- C. Headphone volume control
- D. Mute button (with LED)
- E. Microphone pickup pattern selector
- F. Microphone gain control
- G. 3.5mm audio connector
- H. Mini-USB port
- I. High-pass filter switch
- J. 5-pin XLR port
- K. Mini-USB to USB cable
- L. 3.5mm audio extension cable
- M. 30cm 5-pin to 2x 3-pin XLR splitter cable

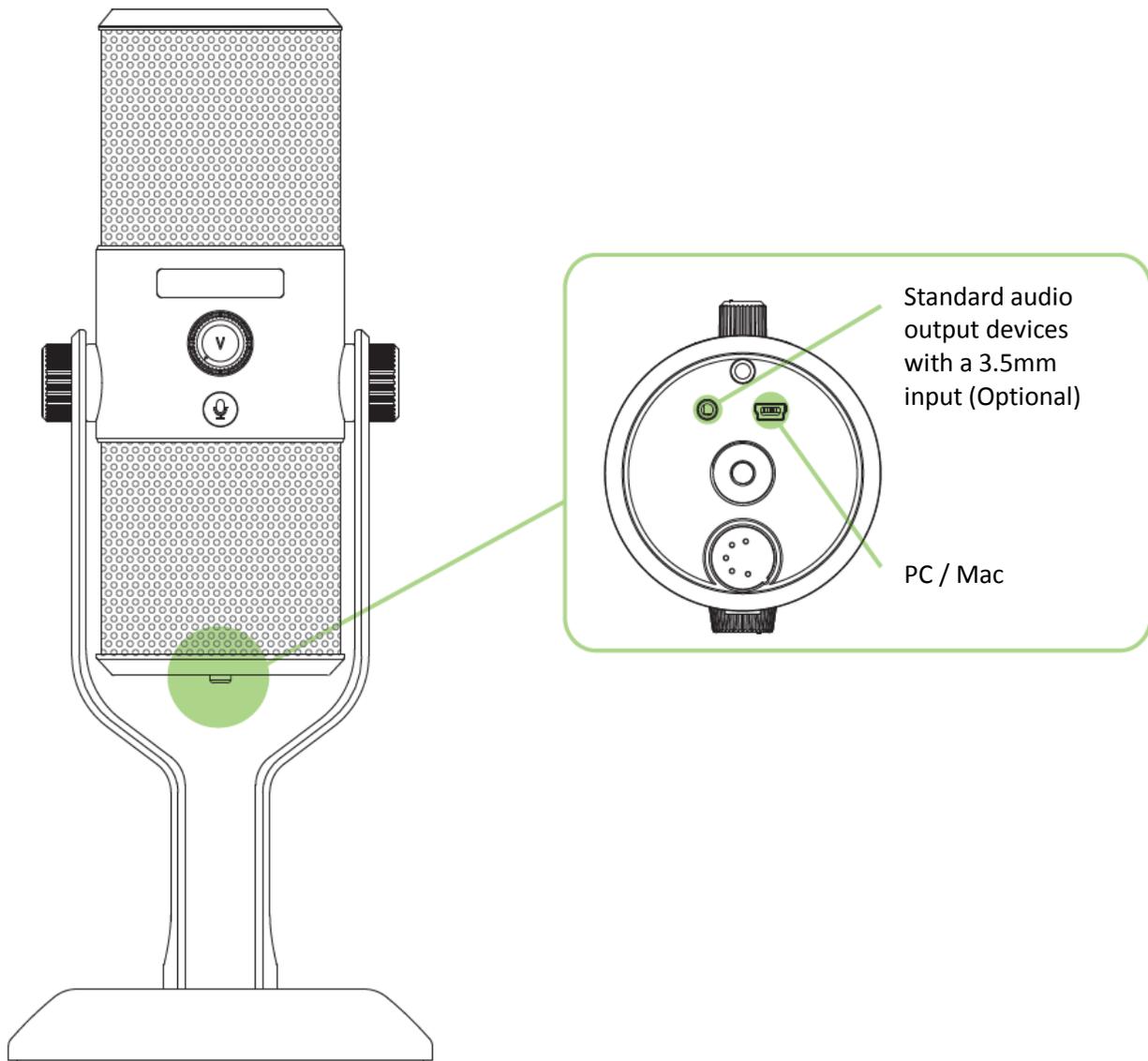
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## 5. USING YOUR RAZER SEIRĒN PRO

Your Razer SeirĒn Pro can be connected to a PC (via the USB cable) for digital recording or to XLR systems for analog recording. Note that when the device is connected to both PC and XLR systems at the same time, digital recording via USB will be prioritized.

### SETTING UP YOUR RAZER SEIRĒN PRO FOR DIGITAL RECORDING

#### 1. Connect your device to your PC



*Note: By connecting an analog audio output device (such as a headphone) via the 3.5mm connector, you can listen to the audio being recorded by your Razer SeirĒn Pro as it happens. Note that this does not play any audio from the PC directly.*

## 2. Secure your microphone.

Turn the desk stand mounting knobs until the microphone is upright and secured in place.

## 3. Set the microphone as the default recording device.

If you are using the Razer Seirēn Pro for the first time, you may be required to set up the device as your system's default recording device.

### *For Windows users*

*Note: Windows users must install and login to Razer Synapse with a valid account in order to download the drivers necessary for the Razer Seirēn to function.*

Step 1: Install Razer Synapse from [www.razerzone.com/synapse](http://www.razerzone.com/synapse) to obtain dedicated microphone drivers.

Step 1: Select **Control Panel > Hardware and Sound > Manage audio devices** to view your **Sound** settings window.

Step 2: In the Recording tab, select Razer Seirēn Pro from the list and click the Set Default button.

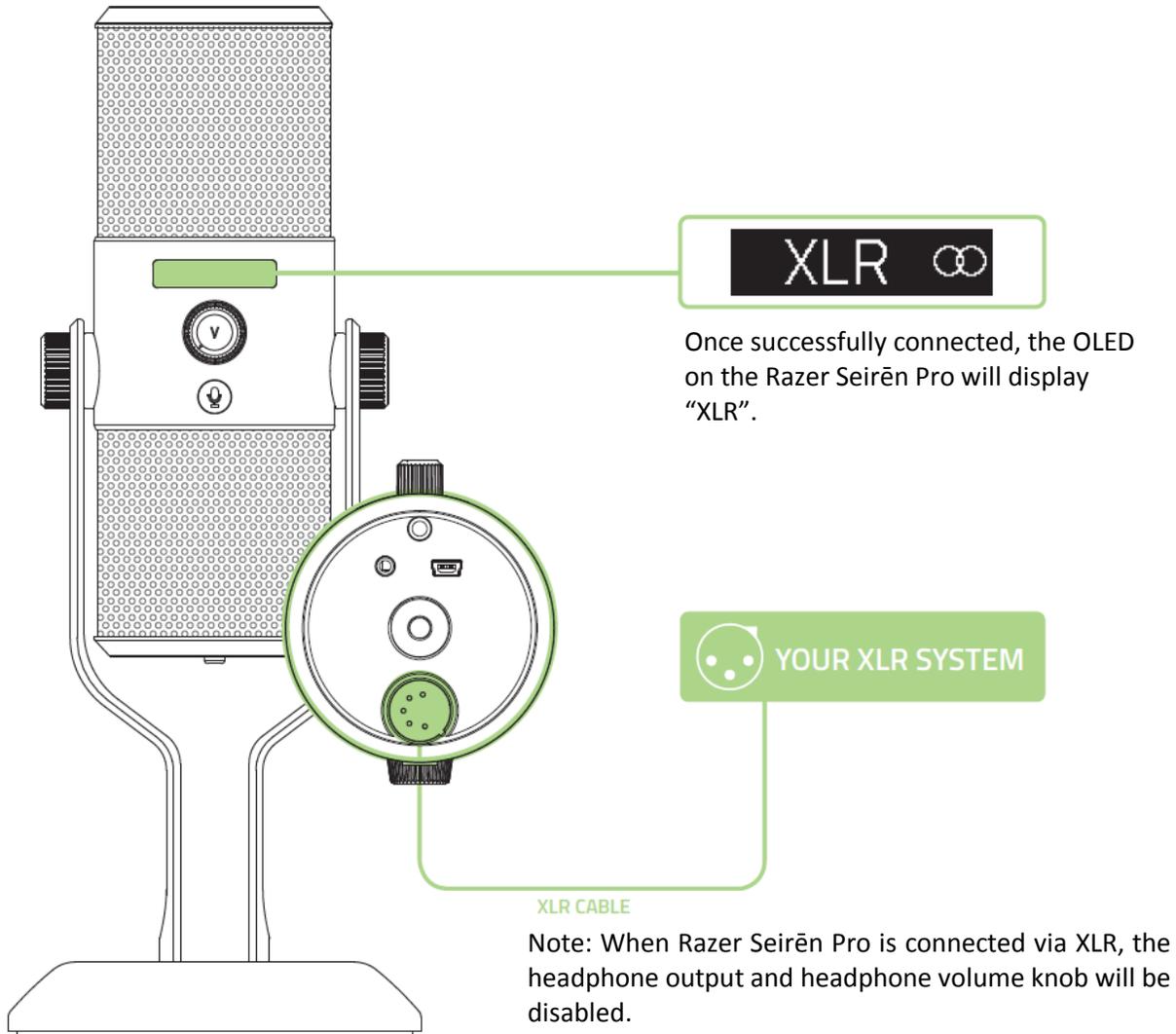
### *For Mac users*

Step 1: Select **System Preferences > Sound** to view your **Sound** settings window

Step 2: In the *Input* tab, select Razer Seirēn Pro from the list.

## SETTING UP YOUR RAZER SEIRĒN PRO FOR ANALOG RECORDING

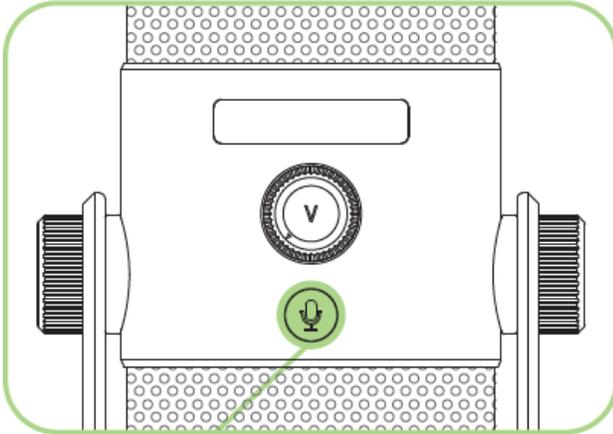
### 1. Connect your device to your XLR system



### 2. Secure your microphone.

Turn the desk stand mounting knobs until the microphone is upright and secured in place.

## MUTING THE MICROPHONE



The mic mute LED will light up in red when the microphone is muted.

## ADJUSTING THE VOLUME

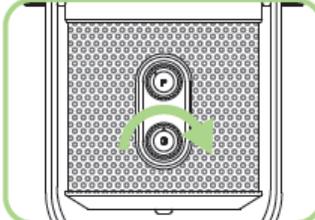
*Note: This feature is only available when connected via USB.*

Action	OLED Display	Effect
<p>A diagram of the headset control panel with a green arrow indicating the volume knob is being turned clockwise.</p>	<p>The OLED display shows a horizontal bar with a white volume level indicator that is nearly full, flanked by headset icons.</p>	Increase headphone volume
<p>A diagram of the headset control panel with a green arrow indicating the volume knob is being turned counter-clockwise.</p>	<p>The OLED display shows a horizontal bar with a white volume level indicator that is shorter than in the previous row, flanked by headset icons.</p>	Lower headphone volume

### ADJUSTING THE MICROPHONE GAIN

Microphone gain determines the sensitivity of the microphone when picking up recording source. We recommend beginning any recording with the gain knob centered, then adjusting the sensitivity till you achieve your desired result.

In general, change your pickup pattern or decrease your microphone gain if your microphone is picking up too much ambient noise and vice versa.

Action	OLED Display	Effect
		Increase microphone gain
		Decrease microphone gain

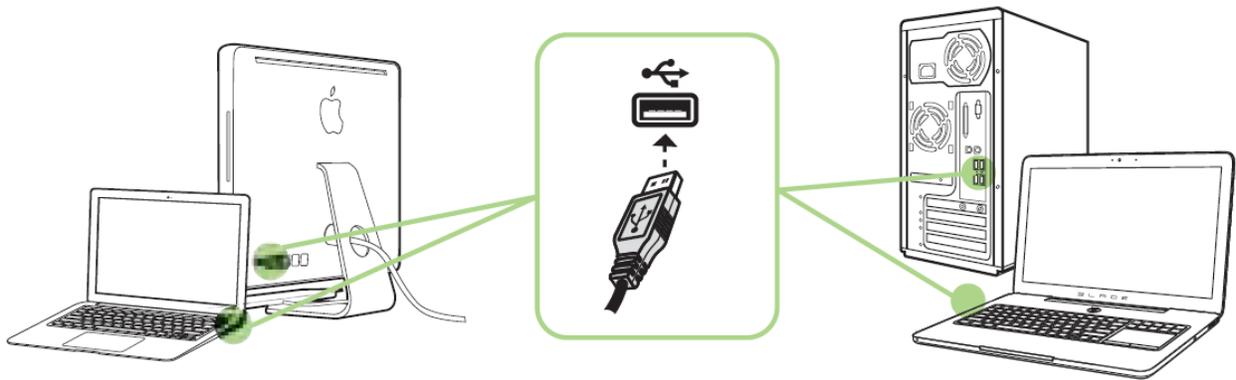
## SELECTING THE INPUT PATTERN

The Razer Seirēn Pro supports 4 types of pickup pattern to suit your different recording needs. Turn the Microphone Pickup Pattern Selector to select an appropriate pickup pattern. The currently selected pattern will be displayed on the OLED. They include:

	Pattern	Sound Source / Direction	Recording Uses			
Cardioid			 Streaming	 Podcasts	 Voice over	 Instruments
Stereo			 Vocal	 Instruments		
Omnidirectional			 Conference Calls	 Event		
Bidirectional			 Interview	 Instruments	 Vocal Duets	

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## 6. INSTALLING YOUR RAZER SEIRĒN PRO



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.

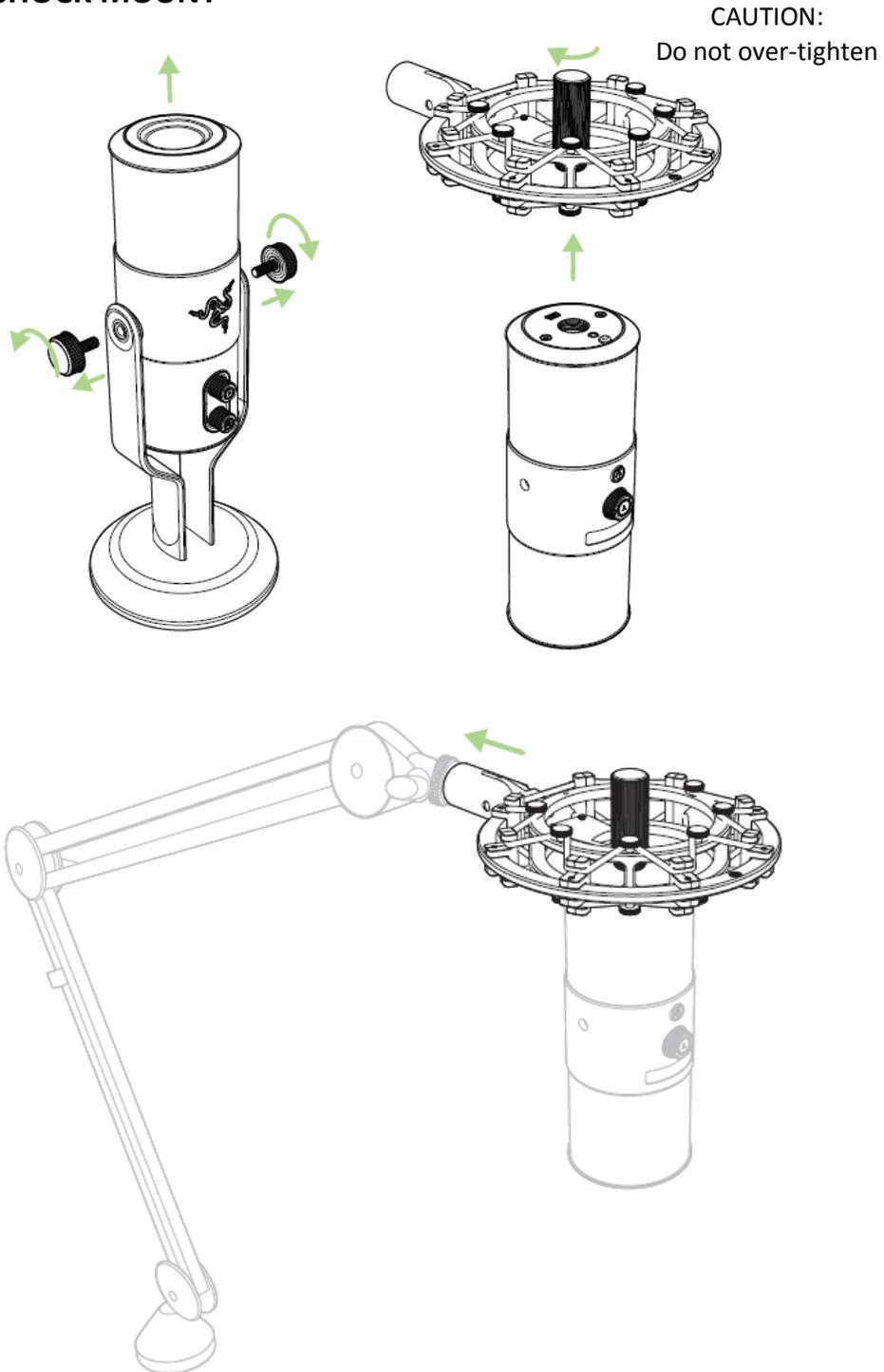
\*Applicable for Windows 8 or later.

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## 7. USING ACCESSORIES\* WITH YOUR RAZER SEIRĒN PRO

\*Sold separately at [www.razerzone.com/store](http://www.razerzone.com/store)

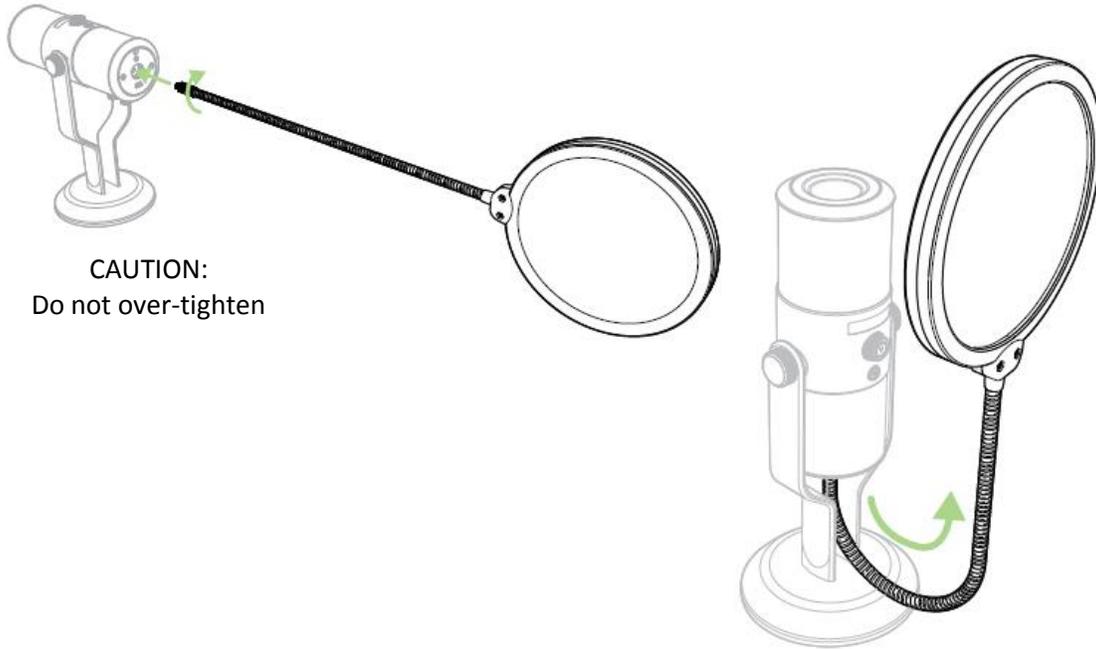
### INSTALLING THE SHOCK MOUNT



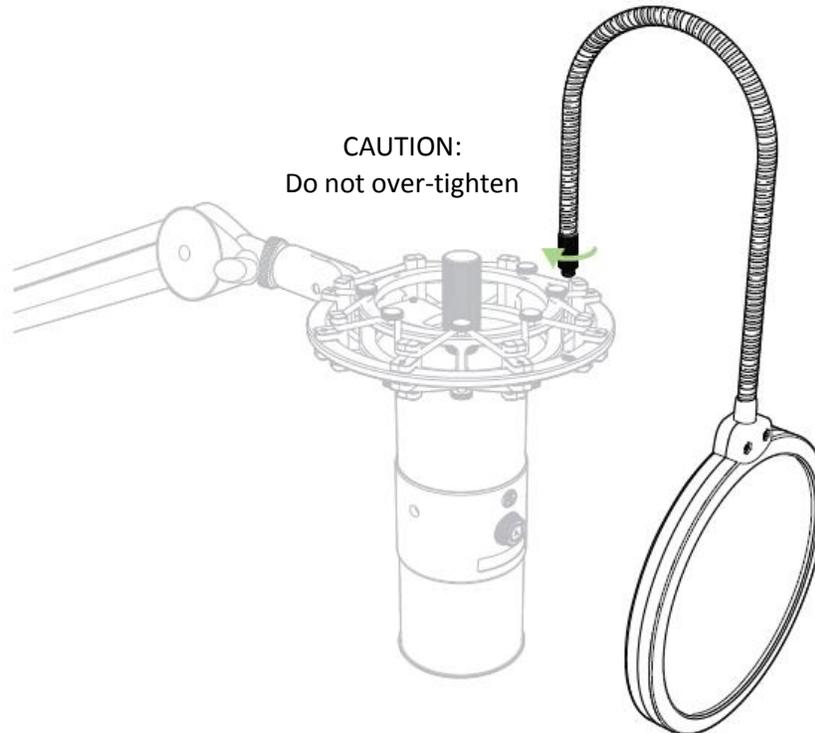
\*Mic stand not included

## INSTALLING THE POP FILTER

Desk Stand mode



Mic Stand mode



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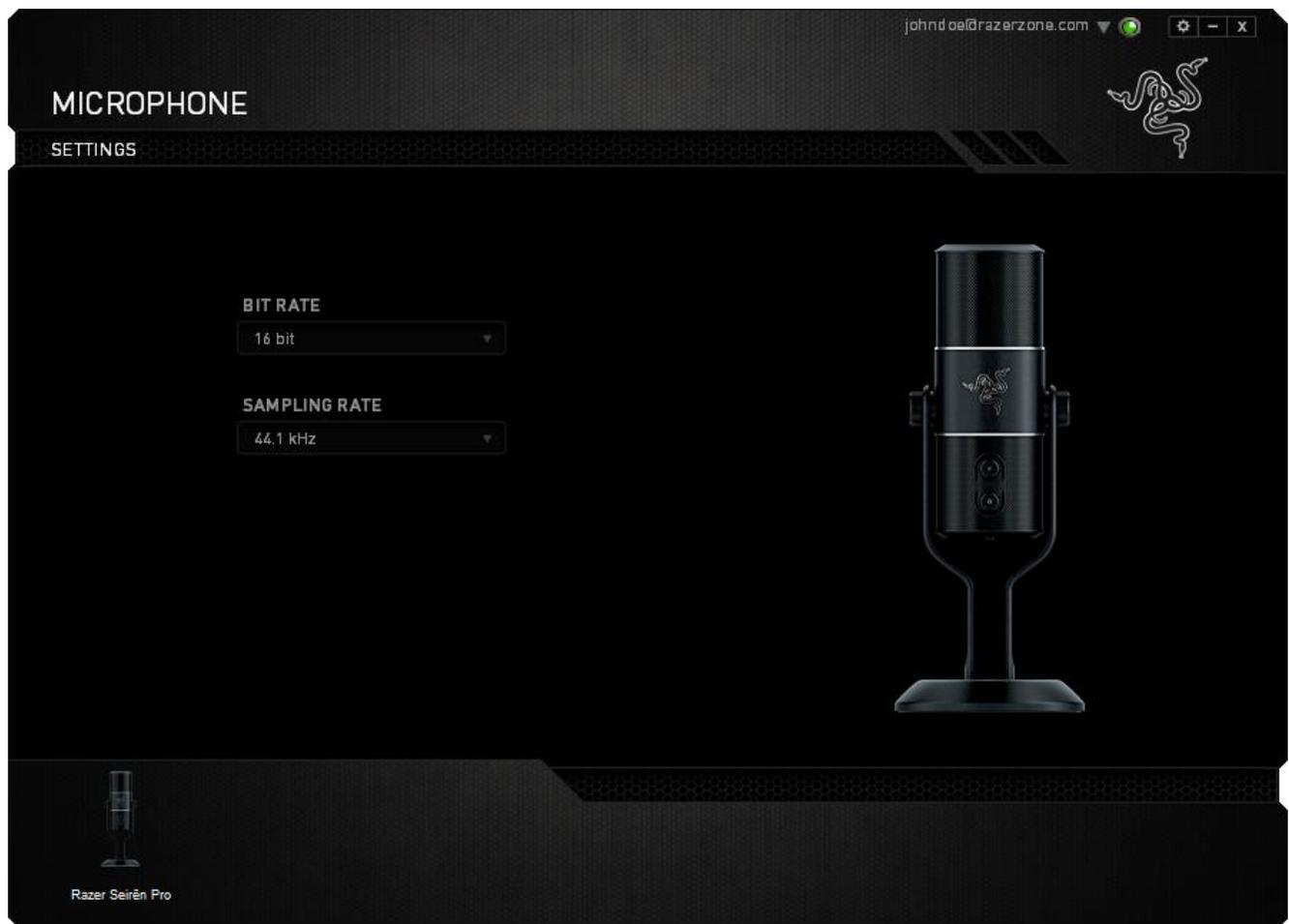
## 8. CONFIGURING YOUR RAZER SEIRĒN PRO

*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 SeirĒn Pro is equipped with various software customizable features to unleash its full power.

### **SETTINGS TAB**

The options in this tab allow you to control the quality of your final recording.



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## 9. SAFETY AND MAINTENANCE

### **SAFETY GUIDELINES**

In order to achieve maximum safety while using your Razer Seirēn Pro, 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 the device apart (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. 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 Seirēn Pro 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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## 10. LEGALESE

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### ***LIMITED PRODUCT WARRANTY***

For the latest and current terms of the Limited Product Warranty, please visit [www.razerzone.com/warranty](http://www.razerzone.com/warranty).

### ***LIMITATION OF LIABILITY***

Razer shall in no event be liable for any lost profits, loss of information or data, special, incidental, indirect, punitive or consequential or incidental damages, arising in any way out of distribution of, sale of, resale of, use of, or inability to use the Product. In no event shall Razer’s liability exceed the retail purchase price of the Product.

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

For the avoidance of doubt, in no event will Razer be liable for any costs of procurement unless it has been advised of the possibility of such damages, and in no case shall Razer be liable for any costs of procurement liability exceeding the retail purchase price of the Product.

### ***GENERAL***

These terms shall be governed by and construed under the laws of the jurisdiction in which the Product was purchased. If any term herein is held to be invalid or unenforceable, then such term (in so far as it is invalid or unenforceable) shall be given no effect and deemed to be excluded without invalidating any of the remaining terms. Razer reserves the right to amend any term at any time without notice.