

# Eris E5 BT

## High-Definition Media Reference Monitor

### Owner's Manual



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# 1. Overview

## 1.1 Introduction

**Thank you** for purchasing the PreSonus® high-definition media reference monitors. These multi-purpose speakers are ideal for gaming, content creation, or just listening to your favorite album. Eris media reference monitors deliver studio-quality sound, with a smooth and accurate frequency response.

PreSonus Audio Electronics is committed to constant product improvement, and we highly value your suggestions. We believe the best way to achieve our goal of constant product improvement is by listening to the real experts: our valued customers. We appreciate the support you have shown us through the purchase of this product and are confident that you will enjoy your Eris!

**About this manual:** We suggest that you use this manual to familiarize yourself with the features, applications, and correct connection procedures for your Eris media reference monitors before trying to connect it to your other audio equipment. This will help you avoid problems during installation and setup.

Throughout this manual, you will find **Power User Tips** that can quickly make you an Eris expert and help you get the most out of your investment

## 1.2 Product Registration

PreSonus is committed to delivering the best experience for our customers. MyPreSonus is a one-stop portal for all our registered customers' needs. From your my PreSonus account, you can view all your PreSonus hardware and software registrations; contact support; track orders and more.

Go to **My.PreSonus.com** and follow the onscreen instructions.

Don't have a My.PreSonus account yet?  
Here's why you should sign up.

-  One account gets you everything you need, from support to forums to product info and upgrades. Get the inside track on training videos, tutorials, special offers, and advance notifications.
-  Register a product on My.PreSonus and you're eligible for technical support, timely updates, expedited warranty service and quick tracking should you ever need repair. You also get special promotions that are 'members only'!
-  Join the ever-growing community of PreSonus users and share ideas, projects, and yes, gripes on our forum and blogs. It's a lively, Cajun-tinged vibe and it's waiting for you.

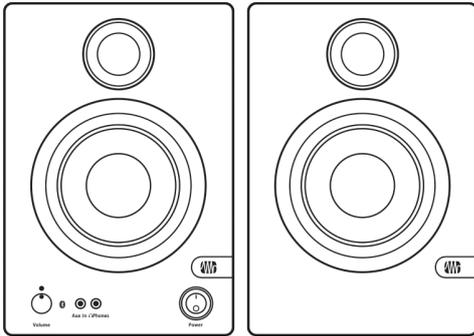
[Create My.PreSonus Account](#)

...or download the **MyPreSonus app** from the Apple App Store or Google Play.



## 1.3 What's in the Box

Your Eris E5 BT package contains the following:



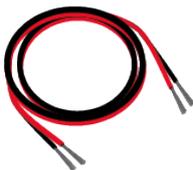
(1 pair) PreSonus Eris E5 BT Media Reference Monitors (1 active, 1 passive)



(1) 1.5M 1/8" TRS to 2x RCA cable



(1) 1.5M 1/8" TRS stereo cable

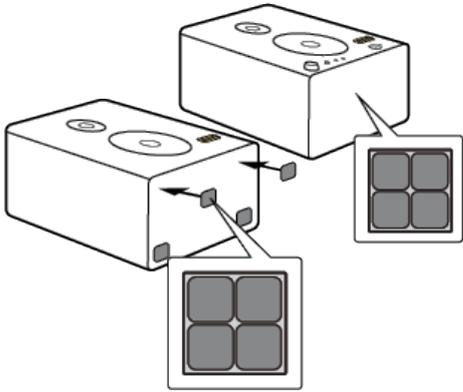


(1) 2M bare-wire speaker cable



(1) Quick Start Guide

 (1) IEC Power Cable



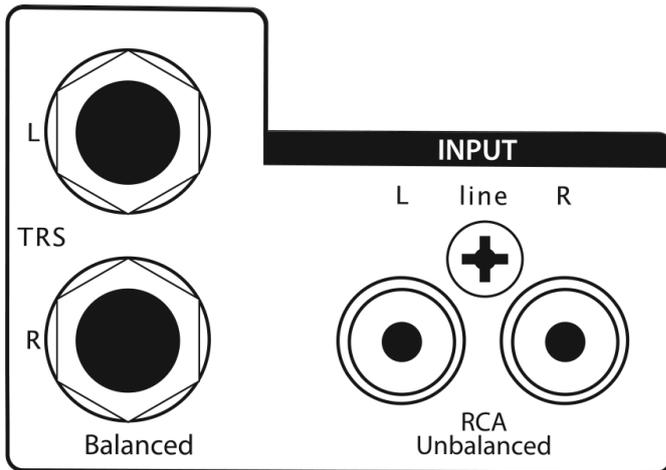
(8) Rubber Feet

## 2. Connections and Controls

Your Eris E5 BT consists of one active speaker and one passive speaker. Nearly every connection is located exclusively on the active speaker. This speaker provides signal and power for the passive speaker. The exceptions are the bare-wire connectors, which send power and signal from the active speaker to the passive speaker.

### 2.1 Rear Panel

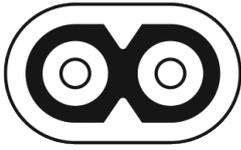
#### 2.1.1 Inputs



**Line-level Inputs.** The active speaker provides a choice of two pairs of inputs on the rear-panel: left and right balanced  $\frac{1}{4}$ " TRS and left and right unbalanced RCA. These inputs accept a line-level signal from an audio source and feed that signal to each monitor's power amplifier. These inputs are provided to enable flexible connectivity, not for connecting multiple sources to your speakers simultaneously. A third  $\frac{1}{8}$ " stereo input is available on the front panel, [please see Section 2.6 for more information.](#)

**Power User Tip:** The left inputs (balanced or unbalanced) send signal to the amplifier that powers the active speaker; and the right inputs send signal to the amplifier that powers the passive speaker. PreSonus recommends that the active speaker be placed on the left side of your mixing space and the passive speaker be placed on the right. However, if you prefer to have the controls located on your active monitor placed on the right side of your workspace, be sure to reverse the inputs from your audio source to maintain the correct stereo image.

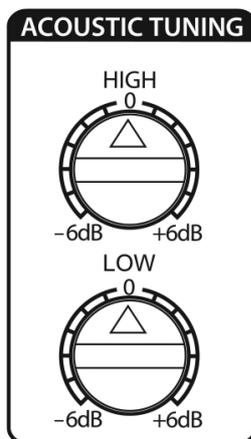
## 2.1.2 Power



100-240V~, 50-60Hz 100W

**IEC Power Connection.** The active speaker accepts a standard IEC C7 power cord. The power switch is located on the front panel of the active speaker.

## 2.1.3 Acoustic Tuning Controls



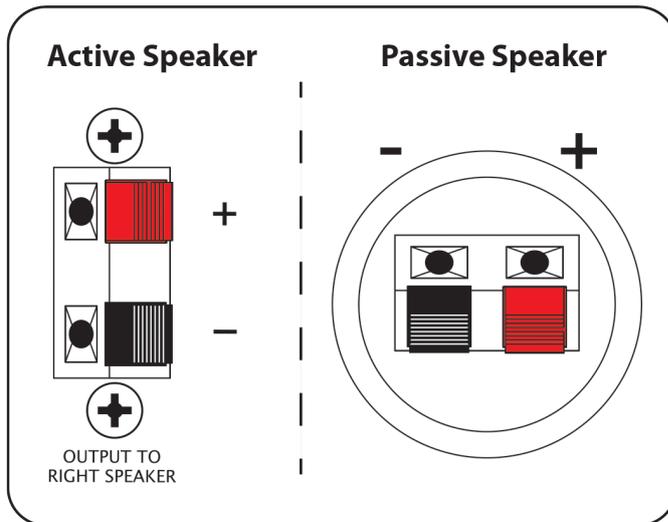
**High.** Boosts or cuts all frequencies above 10 kHz by  $\pm 6$  dB.

**Power User Tip:** The High control is a high-shelf EQ and attenuates or boosts frequencies above 10 kHz. This EQ is much like the treble control on a home or car stereo: It raises or lowers the gain on all frequencies above the specified cutoff frequency. Shelving EQs can make big changes to the sound very quickly by adding or removing an entire range of frequencies.

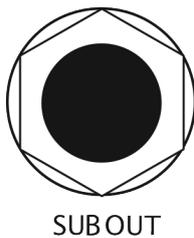
**Low.** Boosts or cuts frequencies around 100 Hz by  $\pm 6$  dB.

**Power User Tip:** The Low control is a low-shelf EQ and attenuates or boosts frequencies below 100 Hz. This function is the equivalent to the Bass control on a home or car stereo: It raises or lowers the gain on all frequencies below the specified cutoff frequency. Shelving EQs can make big changes to sound very quickly by adding or removing an entire range of frequencies.

## 2.1.4 Speaker Connections

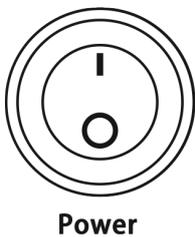


**Bare-wire connectors.** This connection is used to send power and signal to the passive speaker. Be sure to connect the positive and negative connections on your active speaker to the positive and negative connections, respectively, on the passive speaker (i.e. connect positive to positive and negative to negative).

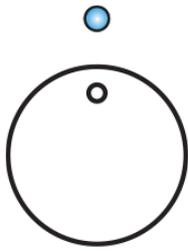


**Subwoofer Out.** This mono 1/4" TRS jack can be used to connect your subwoofer of choice. We recommend the Eris Sub8.

## 2.2 Active Speaker Front Panel



**Power Switch.** This is the On/Off switch.



## Volume

**Power / Bluetooth Status LED.** The LED above the volume control indicates power status. This LED also displays the Bluetooth status as follows:

- **Solid Blue.** Eris speaker is powered on.
- **Flashing Blue.** Eris speaker is in pairing mode.
- **Solid White.** Eris speaker is paired to a Bluetooth device.

**Volume.** Sets the volume level of the input signal before it is amplified. This is also the volume control for the front-panel headphone amp.



## Aux in

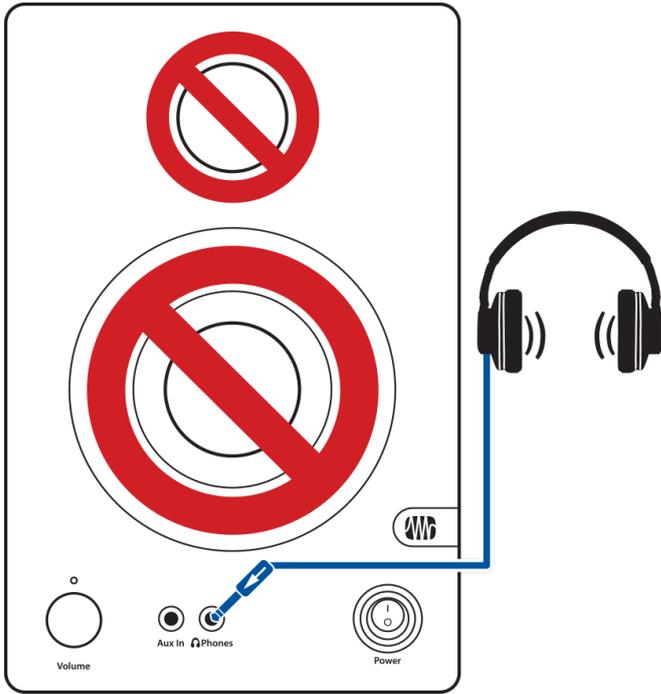
**Aux In.** This stereo 1/8" jack can be used to patch in a media player for a quick reference check.

*Power User Tip: This input will sum with the inputs on the back panel.*



## Headphones

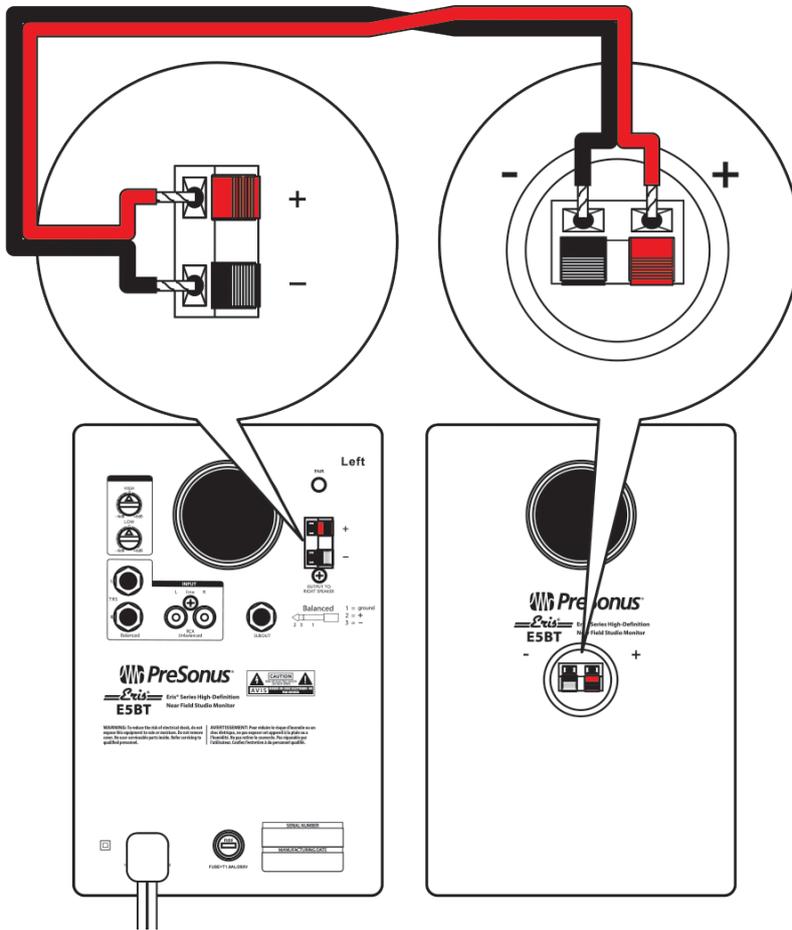
**Headphone Out.** This headphone output is controlled by the Volume knob.



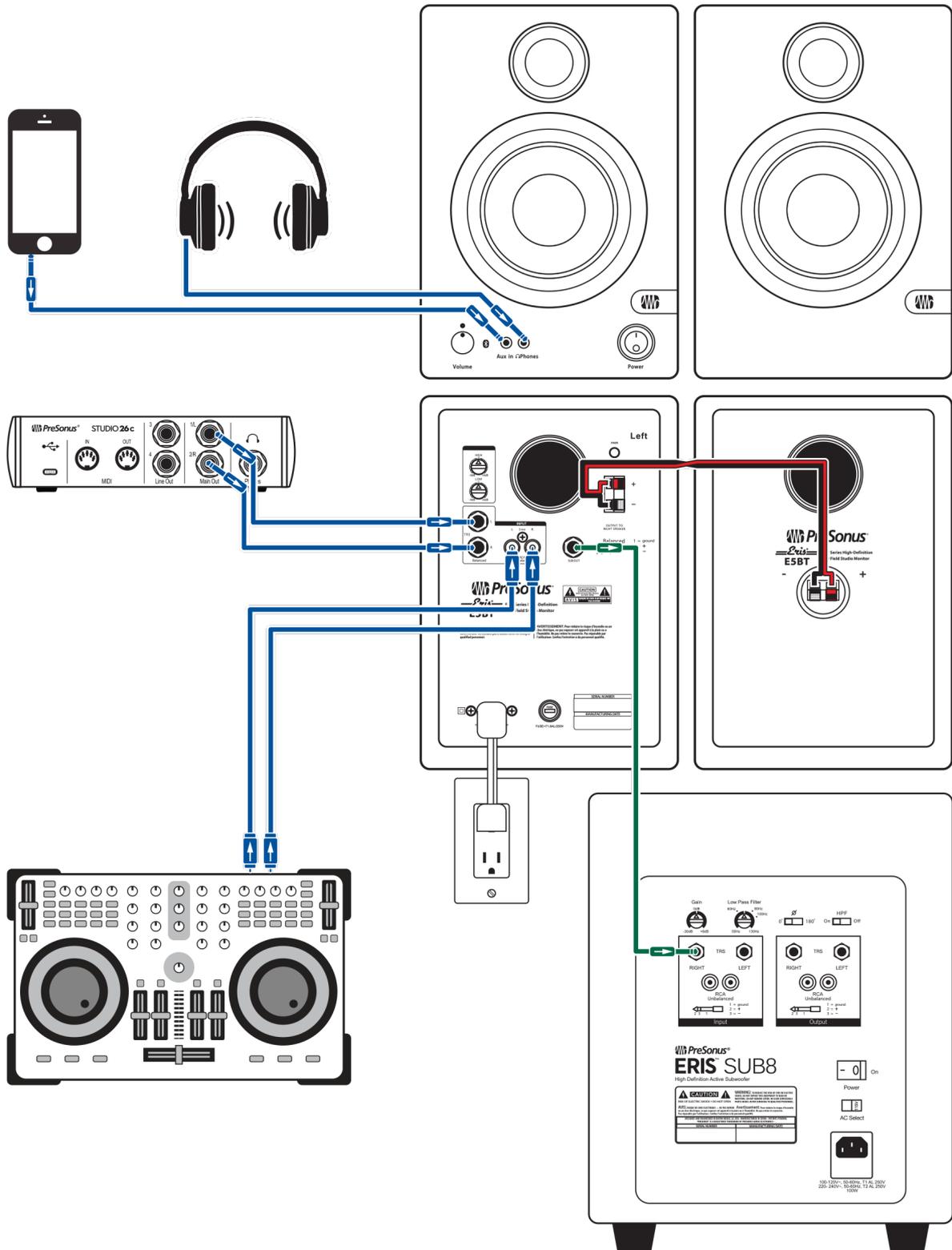
Note that connecting headphones will mute the speakers.

### 3. Hookup Diagrams

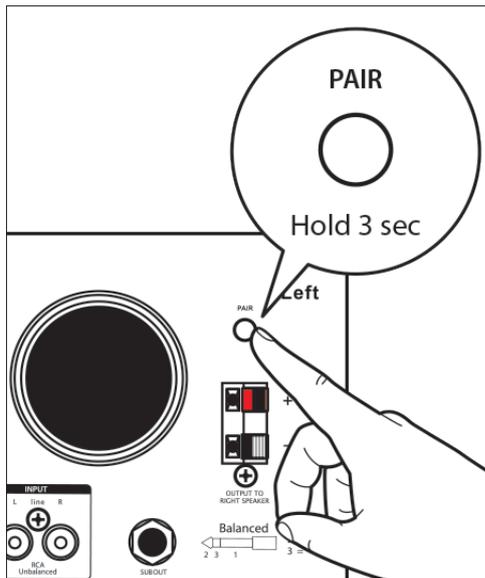
#### 3.1 Basic Setup



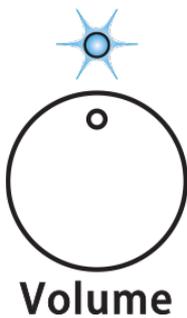
## 3.2 Audio Connections



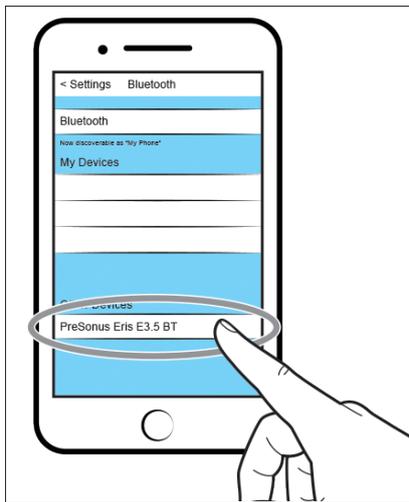
### 3.3 Bluetooth Pairing



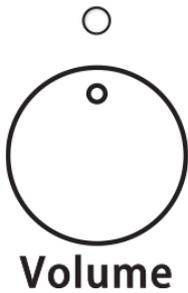
Your Eris E5 BT can be paired with any Bluetooth device for audio playback. To pair your speakers, first press and hold the pair button on the rear of the active Eris speaker for three seconds.



The Power/Bluetooth LED on the front of the active speaker will flash, indicating pairing is active.



On your Bluetooth device, select "E5 BT".



Once your Eris speakers are paired, the Power/Bluetooth LED will illuminate white.

**Power User Tip:** You can pair an additional device by repeating these steps. Your Eris speakers can store two Bluetooth device pairings, although audio can only be streamed from one Bluetooth device at a time. Whenever you power on your Eris speakers, your stored Bluetooth devices will automatically pair if within range.

## 4. Resources

### 4.1 Technical Specifications

#### Eris E5 BT

Inputs	1- Stereo 1/8" TRS 2- Balanced 1/4" TRS 2- Unbalanced RCA Stereo Bluetooth 5.0
Outputs	1-stereo 1/8" TRS 1-summed mono 1/4" TRS Sub Out
<b>Performance</b>	
Frequency Response	53Hz - 22kHz
Crossover Frequency	6.7 kHz
Amplifier Power	100W (50W / speaker), class D
Peak SPL (@ 1 meter)	112 dB
LF Driver	5.25"
HF Driver	1" Silk Dome
Input Impedance	10 k $\Omega$
<b>User Controls</b>	
Volume Range	A-Type Taper
LF Control	Bass boost/cut $\pm 6$ dB 100 Hz shelf
HF Control	Treble boost/cut $\pm 6$ dB 2 kHz shelf.

Protection	RF interference Output-current limiting Over-temperature Turn-on/off transient Subsonic filter External mains fuse
Power	100-120 V ~50/60 Hz or 220-240 V ~50/60 Hz
Cabinet	Vinyl-laminated, medium-density fiberboard
<b>Physical</b>	
Width	7" (177.8 mm)
Depth	7.5" (190.5 mm)
Height	10.25" (260.35 mm)
Weight (per pair)	15.4 lb (6.98 kg)

## 4.2 Troubleshooting

**No power.** First ensure that your active Eris speaker is plugged in. If it's connected to a power conditioner, verify that the power conditioner is turned on and functioning.

**No audio.** If your active Eris speaker appears to power on but you hear no sound when playing audio from your audio source (the lights are on but nobody's home), first make sure that the cable connecting your audio source to the active speaker is working correctly. Also, verify that the volume control is set to provide enough amplitude for the signal. If only the passive Eris speaker is not passing audio, check your speaker-wire connections and verify that the bare wire is fully inserted into each connection.

**Hum.** Usually, hum is caused by a ground loop. Verify that all audio equipment is connected to the same power source.

**Sound is thin.** If the sound of the speakers seems thin and brittle, check that your speaker wires are connected correctly (i.e., the positive/red connection on the active Eris speaker is connected to the positive/red connection on the passive Eris speaker and the negative/black connection on each is connected to the negative/black connection on the other).

## 5. Dinner is Served!

Added bonus: PreSonus' previously Top Secret recipe for...

### Chicken and Andouille Gumbo



#### Ingredients:

- 1 C All-Purpose flour
- ¾ C Vegetable Oil
- 1 large onion (diced)
- 1 small onion (quartered)
- 6 celery stalks (diced)
- 1 large green bell pepper (diced)
- 3 cloves garlic (2 minced, 1 whole)
- 1 lb link Andouille sausage
- 4 Chicken leg quarters
- 4 qt water
- 4 bay leaves
- 1 tsp thyme
- 1 tsp Old Bay seasoning
- 1-2 C frozen okra, sliced
- ¼ C fresh parsley, minced
- 6-8 eggs (optional)

#### Cooking Instructions:

- In a large pot, combine whole chicken leg quarters, water, quartered onion, Old Bay, 2 bay leaves and 1 whole clove garlic. Cover and bring to a low boil. Simmer stock until chicken is falling off the bone. Remove the chicken and set aside. Discard the onion, bay leaves, and garlic, reserving the liquid.
- In a heavy saucepan, heat 1 Tbsp of the oil on medium high heat and brown the andouille until it is cooked through. Set aside sausage for later.
- In the same saucepan, add and heat remaining oil. Slowly add flour 1-2 Tbsp at a time, stirring continuously. Continue cooking and stirring the roux until it is a dark brown (it should look like melted dark chocolate). Be careful to not to get the oil too hot or the flour will burn and you'll have to start over.
- Once roux has reached the correct color, add diced onion, celery, green pepper, and minced garlic.

Cook until vegetables are very tender. Do not cover.

- Slowly add 1 quart of chicken broth and bring to a low boil, stirring constantly.
- Transfer roux mixture to a soup pot and bring to low boil. Do not cover, the roux will settle on the bottom of the pot and burn.
- Add remaining chicken broth, bay leaves, and thyme. Simmer for 30 minutes.
- While gumbo is simmering, debone and shred chicken and slice the andouille.
- Add chicken and andouille to gumbo and return to a simmer. Simmer for 30-45 minutes.
- Stir in frozen okra and parsley and bring to a rolling boil.
- **Optional:** Crack one egg into a teacup and quickly pour into the boiling gumbo. Repeat with the other eggs being careful not to cluster them too closely. After all the eggs have risen back to the surface, reduce heat and simmer.
- Correct seasoning with salt and pepper (red, white and/or black) if necessary.
- Serve over rice with potato salad.

**Serves 12**

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All specifications subject to change without notice... except the recipe, which is a classic.

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## High-Definition Media Reference Monitor

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