

Finding the SA-x DSP on the Network

The SA-x DSP uses DHCP and mDNS to receive an IP address and be easily accessed through the local network. Be sure that the SA-x and your computer are on the same local network and subnet.

Currently the SA-x supports Firefox, Chrome browsers on both Windows and MacOS computers, and Safari on MacOS. We recommend Firefox for most applications.

Method One – Use Direct Connection using Ethernet without a Network or Router

The simplest option is to connect directly without a router. By default, the SA-x will have an IP Address of 169.254.0.8. Note that you can only connect one (1) SA-x at a time with this method and your computer must have a wired ethernet connection. A switch (*not a router*) can also be used to simplify the connections. Wi-Fi cannot be used.

Connect the SA-x unit to the Ethernet port of your computer by plugging an Ethernet cable from the computer directly to the SA-x without a router or switch. Turn on the unit and take it out of standby.

Open your web browser and enter the IP Address of 169.254.0.8/wizard.html to access the setup wizard.

Method Two – mDNS Name

We recommend that you connect one (1) SA-x at a time on the network if you use the mDNS Name method until you have changed the hostname to a unique name for the installation.

NOTE: All SA-8 and SA-8DSP come factory default set to the Hostname “SA-8”; All SA-3 DSP are “SA-3”; All SA-2 DSP are “SA-2”. If you use the mDNS name with multiple amplifiers of the same model on the same network, you may not control the correct amplifier. Proceed with caution!

1. Connect the SA-x and computer to a DHCP server. It is important to be on the same subnet.
2. Power on the amplifier and open your web browser
3. System Control Page should be found

SA-8 / SA-8 DSP = <http://SA-8.local>

SA-3 DSP = <http://SA-3.local>

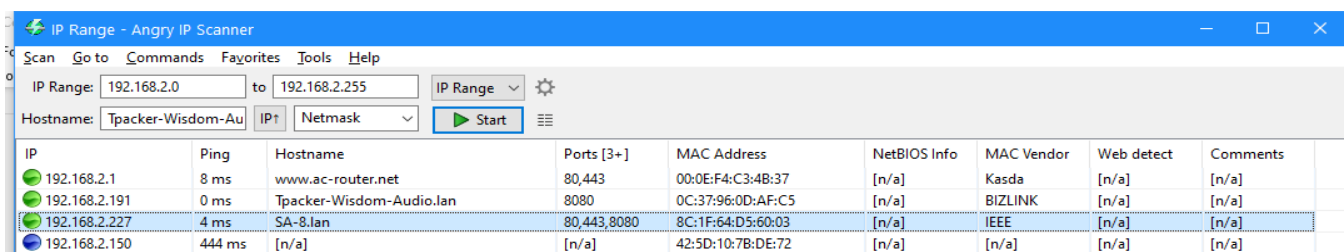
SA-2 DSP = <http://SA-2.local>

Method Three – IP Scan

This is perfect for installations with multiple SA-x on the network, or where the mDNS name is not working.

NOTE: The Hostname may not appear correctly based on your local router settings. In this case, look for the MAC address beginning with **8C:1F:64:xx:xx:xx**.

1. Use [Angry IP Scanner](#) or [Advanced IP Scanner](#), or any other IP scan tool.
2. Scan the local network
3. SA-x will appear in the list
4. Enter the IP address that is shown into your browser. In the example below, 192.168.2.227 is the SA-8

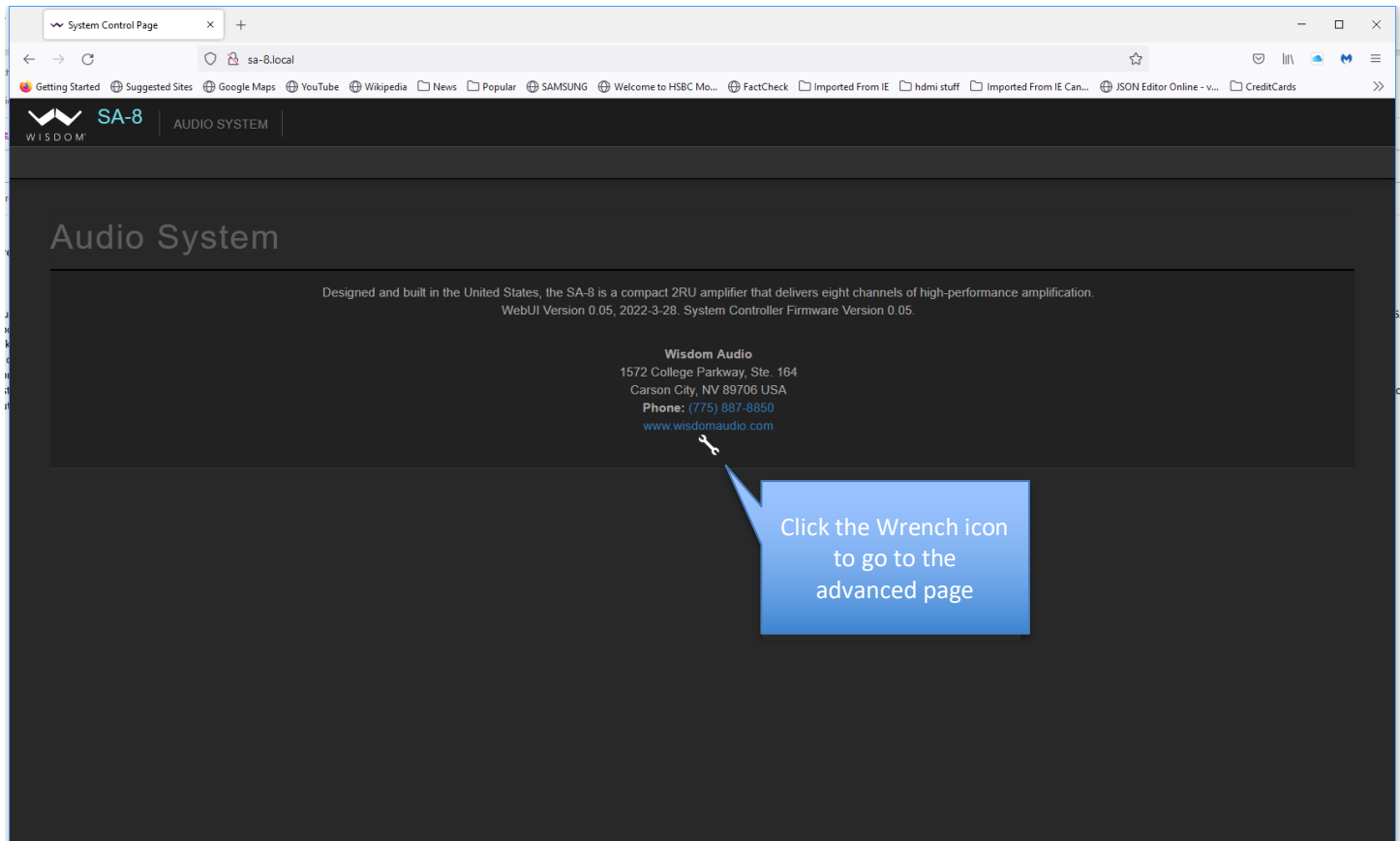


IP	Ping	Hostname	Ports [3+]	MAC Address	NetBIOS Info	MAC Vendor	Web detect	Comments
192.168.2.1	8 ms	www.ac-router.net	80,443	00:0E:F4:C3:48:37	[n/a]	Kasda	[n/a]	[n/a]
192.168.2.191	0 ms	Tparker-Wisdom-Audio.lan	8080	0C:37:96:0D:AF:C5	[n/a]	BIZLINK	[n/a]	[n/a]
192.168.2.227	4 ms	SA-8.lan	80,443,8080	8C:1F:64:D5:60:03	[n/a]	IEEE	[n/a]	[n/a]
192.168.2.150	444 ms	[n/a]	[n/a]	42:5D:10:7B:DE:72	[n/a]	[n/a]	[n/a]	[n/a]

System Control Page (landing page)

Here you will find the basic information about the amplifier. Click on the Wrench Icon to open the advanced page. The first time you open the advanced page it may take a few seconds to load.

NOTE: If this or any other page does not load after 30 seconds, you can try reloading the page.

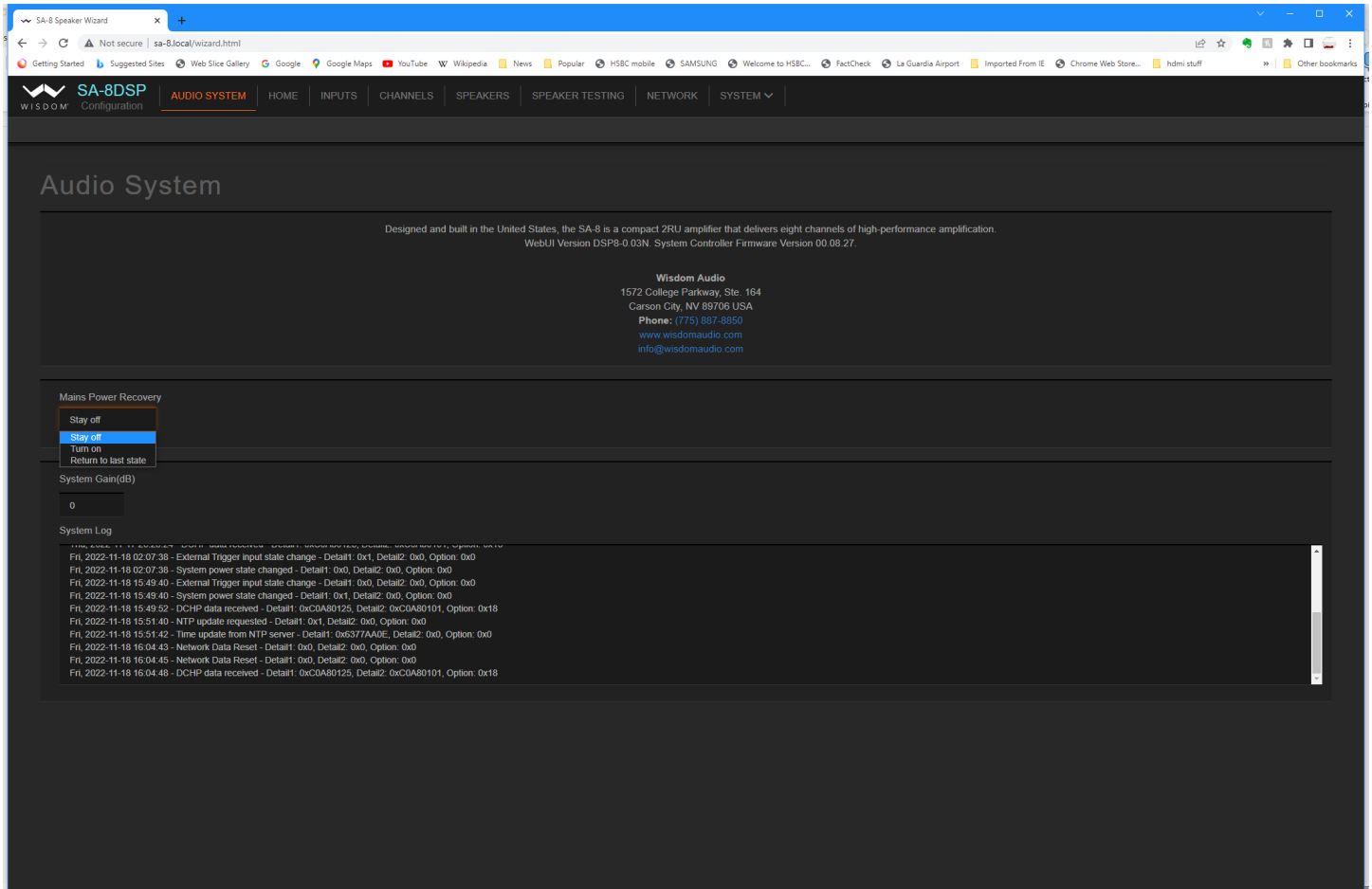


Wizard Page (Advanced Control)

The wizard page has all the options available, as well as event log monitoring and other helpful tools.

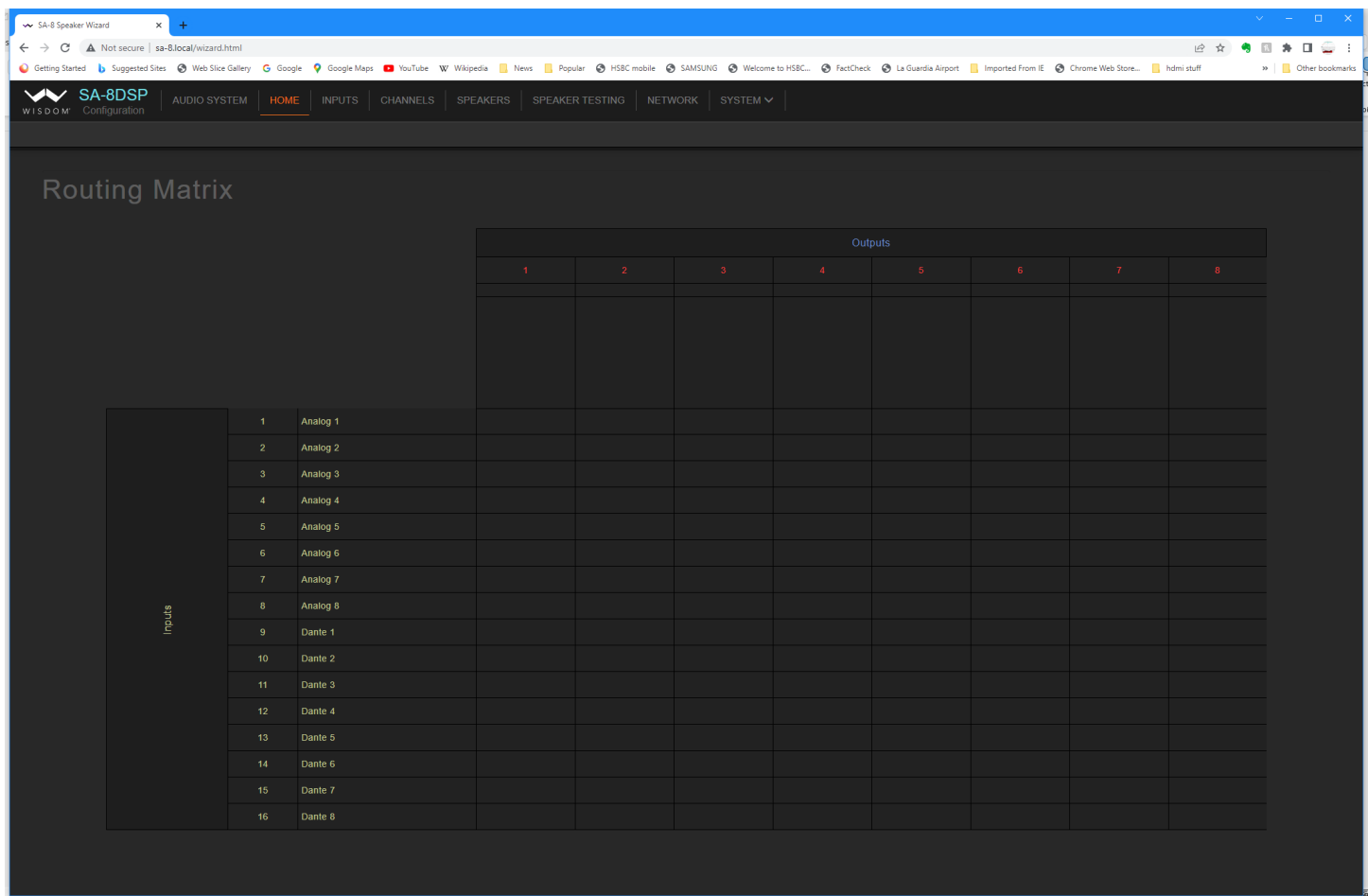
Audio System:

- System Log: Shows the last 20 events for the system.
- Mains Power Recovery: **This only applies to the SA-8 and SA-8 DSP** - What does the SA-8 do during an unexpected power failure? Power Failure is when the power is lost unexpectedly. The system can only respond if the power is out for more than several minutes, otherwise it assumes the user intended to flip the switch on the back.



Home:

This will populate with the routing matrix automatically as the system is programmed.



Inputs:

Custom names can be entered here for each physical input, or the default names can be used.

The screenshot shows a web browser window with the address bar displaying "sa-8.local/wizard.html". The page title is "SA-8DSP Configuration". The navigation menu includes: AUDIO SYSTEM, HOME, INPUTS (highlighted), CHANNELS, SPEAKERS, SPEAKER TESTING, NETWORK, and SYSTEM. The main content area is titled "Inputs" and contains a table with 16 rows. The first 8 rows are labeled "Analog" and the last 8 are labeled "Dante". Each row has two input fields: "Input Number" and "Input Name".

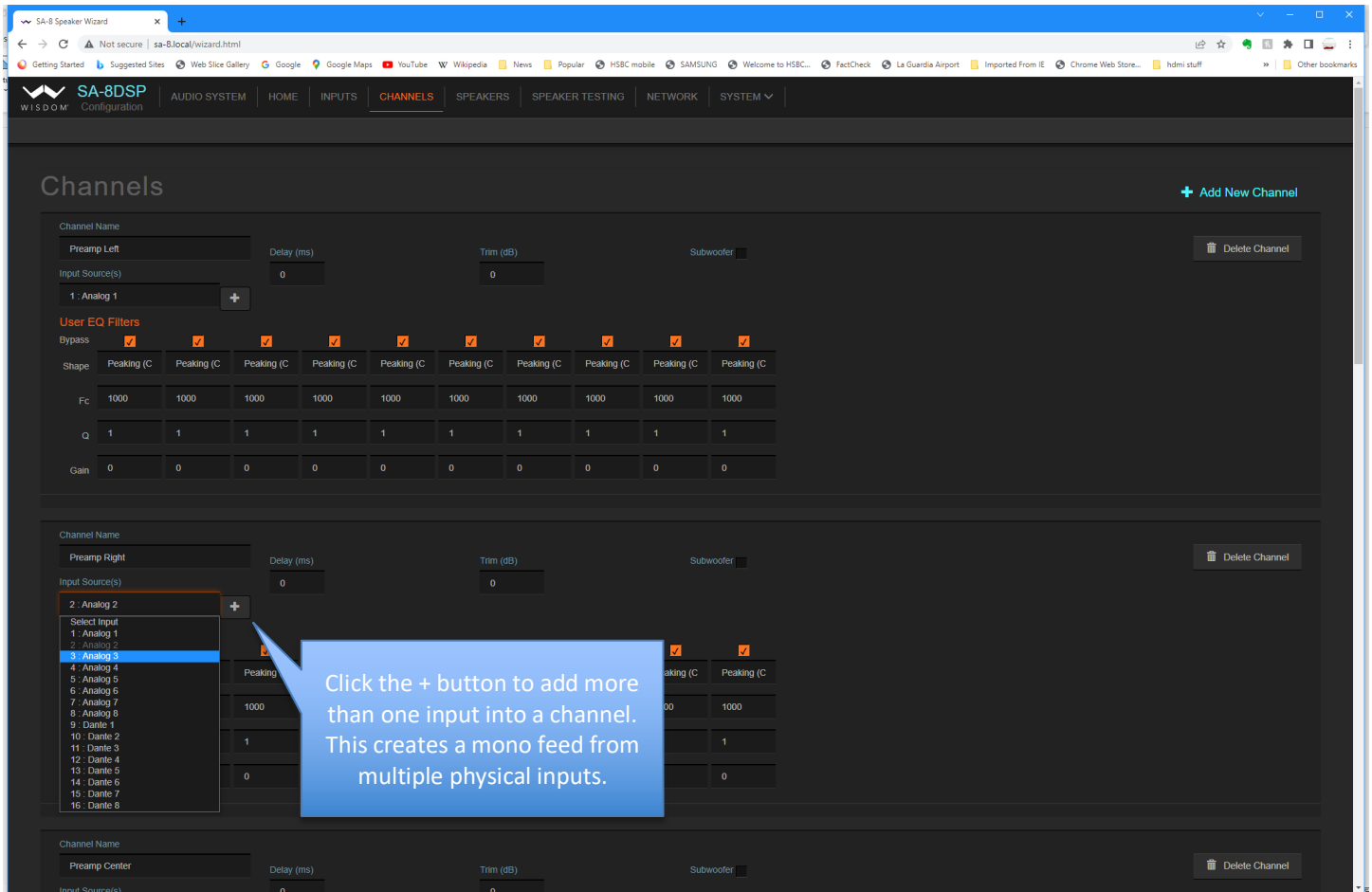
Input Number	Input Name
Input 1	Analog 1
Input 2	Analog 2
Input 3	Analog 3
Input 4	Analog 4
Input 5	Analog 5
Input 6	Analog 6
Input 7	Analog 7
Input 8	Analog 8
Input 9	Dante 1
Input 10	Dante 2
Input 11	Dante 3
Input 12	Dante 4
Input 13	Dante 5
Input 14	Dante 6
Input 15	Dante 7
Input 16	Dante 8

Proceed to "Channels" page to continue setup.

Channels:

These are the “speaker channels” such as Left, Right, Center, etc...This is not where you enter the bi-amp speaker settings.

- Name: Custom Name for each channel
- Input Sources: What are the physical inputs that will be used for input into the channel



Speakers:

Select the speakers that are connected to the outputs and assign the correct input channels and output connections.

- When selecting the Speaker Type, the system will automatically create the correct EQ and Crossover Filters for the speaker
- Multiple speakers can use the same Input Channel, but only one speaker can use an output
- Output Drivers: These are the physical connection on the rear panel and will show what type of speaker driver

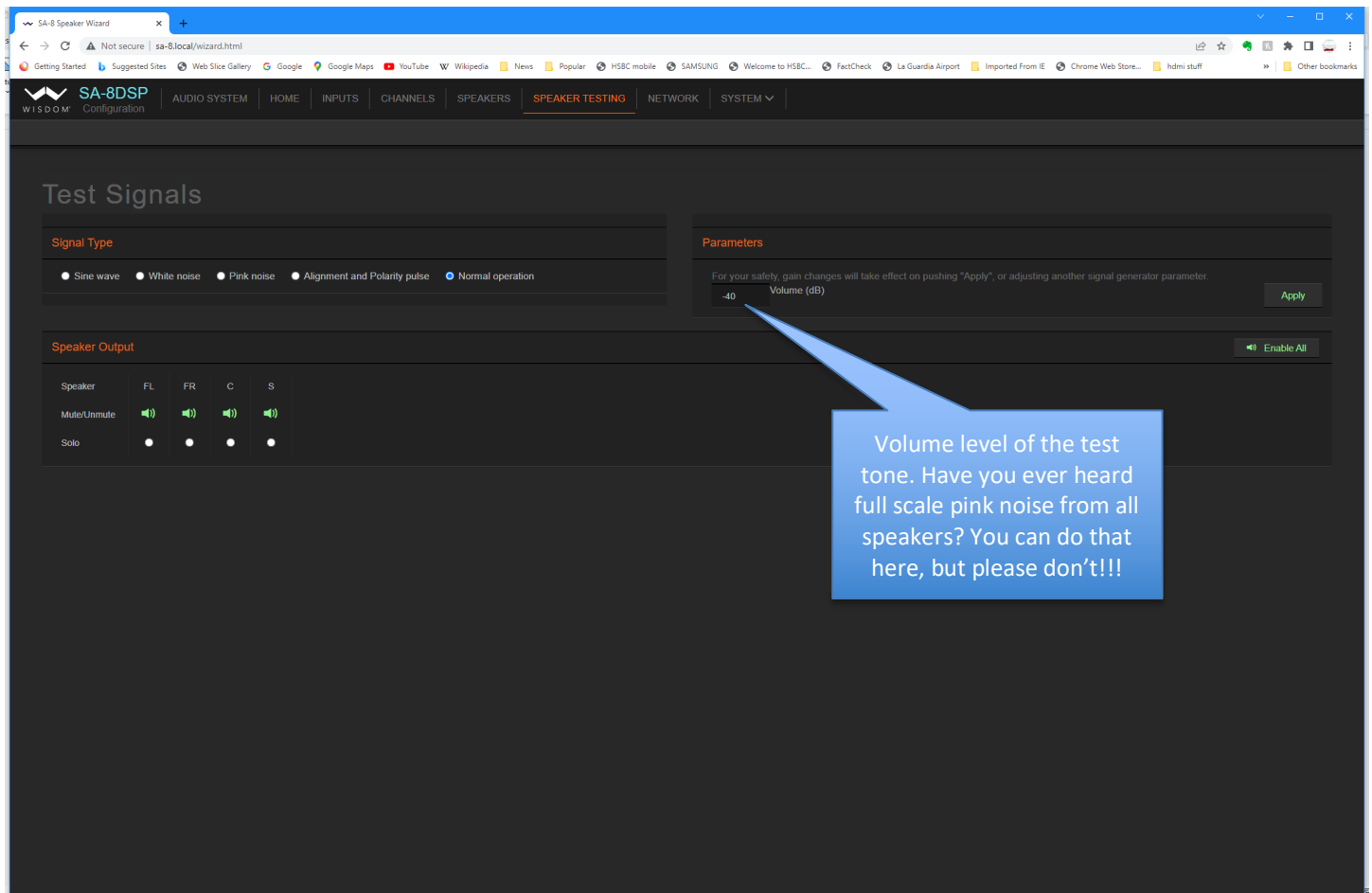
The screenshot displays the 'Speakers' configuration page in the SA-8DSP software. The page is organized into a table with four rows, each representing a speaker. The columns are: Speaker Name, Speaker Type, Input Channel, and Output Drivers. The first three speakers (Front Left, Front Right, and Center) are configured with P2i, C20, and S90 speaker types respectively. The Subwoofer is configured with S90. The Input Channel for the Subwoofer is currently set to 'Select Channel', and the dropdown menu is open, showing various options. The Output Drivers for the Subwoofer are set to 'SW' (Subwoofer). A blue callout box points to the 'SW' output driver, providing a legend: FR = Full Range, LF = Low Frequency, HF = High Frequency, and SW = Subwoofer.

Speaker Name	Speaker Type	Input Channel	Output Drivers
Front Left	P2i	Preamp Left	FR Output 1
Front Right	P2i	Preamp Right	FR Output 2
Center	C20	Preamp Center	LF Output 3, HF Output 4
Subwoofer	S90	Select Channel	SW Select Output Port

FR = Full Range
LF = Low Frequency
HF = High Frequency
SW = Subwoofer

Speaker testing:

This page can be used to send test signals to any or all of the outputs.



Network:

This is where you will find all the networking settings.

- **Hostname:** This is the mDNS name of the box. If you change this name, the webpage will automatically update and reload.
- **Power Conservation:** **This only applies to the SA-8 and SA-8 DSP** - To meet low power requirements, this is enabled by default. Uncheck this and the Network connection will stay active even when the SA-8 is in standby. This will let the webpage still function regardless of if the SA-8 is On or in Standby.
- **Configuration:** DHCP is default, and the current IP address is shown. Manual will let you set a static IP address.

NOTE: If you press and hold the “programmer” button on the rear panel while the unit is on, these settings shown below will reset to the factory default. Check the amplifier owner’s manual for more details.

SA-8 Speaker Wizard

sa-8.local/wizard.html

Getting Started | Suggested Sites | Web Slice Gallery | Google | Google Maps | YouTube | Wikipedia | News | Popular | HSBC mobile | SAMSUNG | Welcome to HSBC... | FactCheck | La Guardia Airport | Imported From IE | Chrome Web Store... | hdmi stuff | Other bookmarks

WISDOM SA-8DSP Configuration

AUDIO SYSTEM | HOME | INPUTS | CHANNELS | SPEAKERS | SPEAKER TESTING | **NETWORK** | SYSTEM

Network Settings

Hostname

SA-8

The SA-8 will be accessible via the Bonjour/mDNS name: "http://SA-8.local"

Power Conservation

☒ Power saving mode (network powers down when turned off)

Configuration Method

☒ Automatic (DHCP) ☐ Manual

TCP/IP configuration

IP Address
192.168.1.37

Network Mask
255.255.255.0

Gateway
192.168.1.1

Name Server(s)
192.168.1.1
0.0.0.0

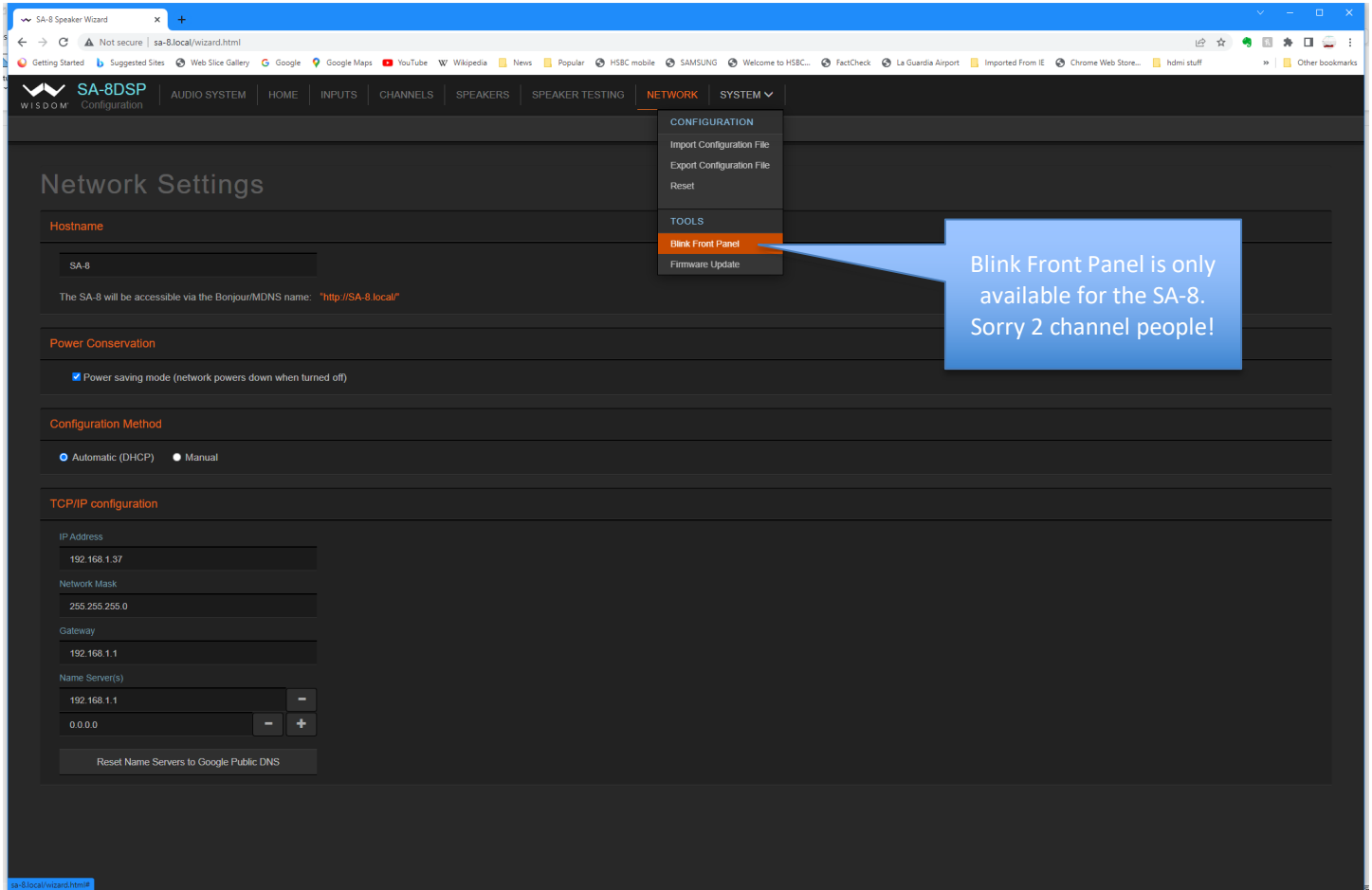
Reset Name Servers to Google Public DNS

Enter a custom name for the amplifier here and the mDNS name will automatically update and reload.

System Pull down menu:

This contains various special functions and system tools.

- Export Configuration: to save a copy of the currently installed system
- “Import Configuration” loads a saved configuration – NOTE: This will also import network settings that may make your amplifier un-reachable over the network. Proceed with caution or call Wisdom Audio before using this!!!





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