

Quick Start Setup Guide for SA-8, SA-8 DSP, SA-2 DSP, SA-3 DSP

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 <u>169.254.0.8/wizard.html</u> 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.localSA-3 DSP = http://SA-3.localSA-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 <u>Angry IP Scanner</u> or <u>Advanced IP Scanner</u>, 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 Range - Angry IP	Scanner							- 🗆	×
<u>S</u> can <u>G</u> oto <u>C</u> omman	ds Fa <u>v</u> orit	tes <u>T</u> ools <u>H</u> elp							
IP Range: 192.168.2.0	to	192.168.2.255 IP Range 🗸 🔅							
Hostname: Tpacker-Wis	dom-Au I	P↑ Netmask ∨ ► Start 📰							
IP	Ping	Hostname	Ports [3+]	MAC Address	NetBIOS Info	MAC Vendor	Web detect	Comment	5
€ 192.168.2.1	8 ms	www.ac-router.net	80,443	00:0E:F4:C3:4B:37	[n/a]	Kasda	[n/a]	[n/a]	
😔 192.168.2.191	0 ms	Tpacker-Wisdom-Audio.lan	8080	0C:37:96:0D:AF:C5	[n/a]	BIZLINK	[n/a]	[n/a]	
9192.168.2.227	4 ms	SA-8.lan	80,443,8080	8C:1F:64:D5:60:03	[n/a]	IEEE	[n/a]	[n/a]	
9 192.168.2.150	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.

🕶 SA-8 Speaker Waard x +
🗧 🔶 🕐 🛕 Not secure sa-8Jocal/wizzed.html
🕒 Getting Stanted 🔥 Suggested Stare 🗞 Web Store Galley 💪 Google Apps 😐 Norlislee 🐨 Willipeds 📕 News 📕 Pepular 🗞 H55C mobile 🗞 SAMSUNG 🐼 Welcome to HSEC 🔗 FactCheck 🚱 La Guardia Airport 📕 Imported From E 🗞 Chrome Web Store
SA-8DSP AUDIO SYSTEM HOME INPUTS CHANNELS SPEAKERS SPEAKER TESTING NETWORK SYSTEM V
wisulaw comparation
Audia System
Audio System
Designed and built in the United States, the SA-8 is a compact 2RU amplifier that delivers eight channels of high-performance amplification. WebUI Version DSP8-0.03N. System Controller Firmware Version 00.08.27.
Wisdom Audio
1572 College Parkway, Ste. 164 Carson Cir, NV 69700 USA
Phone: (775) 987-8850 meteored and a second
With instantiation com
Mains Power Recovery
Stay off
Turn on Pering to last date
System Gari(db)
System Log
Fit, 2022-11-19 (2073) = Stehani Trigger input state change - Delati ? tot / Delata? bot / Delata? bot / Delata?
Fit, 2022-11-18 (32) - 38 - System power state changed - Detail': bid), Detail: bid),
Fri. 2022-11-18 1549 d/o - System power state changed - Detail: 0xf, D
Fri 2022-11-18 1551-0-NTP update reguested - Delatif xdr,
rn, 2022-11-16 10 Jan 2- Inter Update Italian P Series - Detail 100, Opdate 2000, O
ni, 2022-11-18 160 4/3 - Netroki clara reset - Detail: 0x0, Uetail 2 0x0, Uptini 0x0 Fri, 2022-11-18 160 4/3 - OCH data received - Detail: 0x004810, Option 0x16

Home:

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

↔ SA-8 Speaker Wiza ← → C ▲ I Getting Started	nd × + Not secure sa-8.local/wizard.l	ntml Gallery G Goo	gle 🌻 Google Maps 💶 YouTube 🕱 Wikipe	idia News Popi	ular 🚱 HSBC mobile 💽	SAMSUNG 🔗 Welcome	to HSBC 🚱 FactCheck	La Guardia Airport	Imported From IE	Chrome Web Store	لا کے کی ا	- * 0
VV SA-										-		
wisdom Cont												
Rout	ing Matrix											
Rout	ing matri											
			Analog 1									
			Analog 2									
			Analog 3									
			Analog 4									
			Analog 5									
			Analog 6									
			Analog 8									
	Input		Dante 1									
			Dante 2									
			Dante 3									
			Dante 4									
			Dante 5									
			Dante 6									
			Dante 7									
			Dante 8									

Inputs:

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

• • • • • • • • • • • • • • • • • • •	🐱 SA-8 Speaker Wizard 🔷 🗙	+			~ - ¤ ×
	← → C ▲ Not secure s	a-8.local/wizard.html		iể ☆	🤊 🛛 🖈 🖬 🍚 E
	Getting Started b Suggested Site	es 🔇 Web Slice Gallery Ġ 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	»
Part Minibier Part Manier Indri 1 Anadra 1 Indri 2 Anadra 2 Indri 3 Anadra 3 Indri 4 Anadra 3 Indri 4 Anadra 3 Indri 4 Anadra 4 Indri 5 Anadra 5 Indri 4 Anadra 5 Indri 5 Anadra 6 Indri 4 Anadra 6 Indri 4 Anadra 6 Indri 4 Anadra 6 Indri 5 Anadra 6 Indri 6 Anadra 7 Indri 7 Anadra 6 Indri 1 Dankr 1 Indri 5 Anadra 6 Indri 6 Dankr 2 Indri 7 Dankr 3 Indri 8 Dankr 3	WISDOM [®] SA-8DSP Configuration				
ProblemPart ManerPart Maner </td <th></th> <td></td> <td></td> <td></td> <td></td>					
Number Nuttant Nation Nation Nation Nation National National National					
put Nameput Nameinpt 1Aning 1inpt 2Aning 2inpt 3Aning 3inpt 4Aning 5inpt 5Aning 5inpt 6Aning 5inpt 7Aning 5inpt 9Aning 5	Inputs				
ipp1Axisg 1ipp2Axisg 2ipp3Axisg 3ipp4Axisg 3ipp4Axisg 3ipp4Axisg 3ipp4Axisg 3ipp4Axisg 3ipp4Axisg 3ipp4Axisg 3ipp4Danisipp4Danisipp410Danisipp411Danisipp414Danisipp414Danisipp414Danisipp414Danisipp414Danisipp414Danis	Input Number	Input Name			
Inpl2Anabg 2Inpl3Anabg 3Inpl4Anabg 4Inpl5Anabg 5Inpl6Anabg 7Inpl7Anabg 7Inpl8Anabg 7Inpl8Anabg 8Inpl8Anabg 8In	Input 1	Analog 1			
Input 3Anakog 3Input 4Anakog 4Input 5Anakog 5Input 6Anakog 6Input 7Anakog 7Input 7Anakog 8Input 9Danie 1Input 10Danie 2Input 12Danie 4Input 13Danie 4Input 14Danie 4Input 15Danie 4Input 16Danie 4Input 17Danie 4Input 18Danie 4Input 18 <t< td=""><th>Input 2</th><td>Analog 2</td><td></td><td></td><td></td></t<>	Input 2	Analog 2			
Input 4Analog 4Input 5Analog 5Input 7Analog 6Input 7Analog 7Input 8Analog 8Input 9Danie 1Input 10Danie 2Input 12Danie 3Input 13Danie 3Input 14Danie 5Input 14Danie 5	Input 3	Analog 3			
Input 5Analog 5Input 6Analog 7Input 7Analog 7Input 8Analog 8Input 9Danie 1Input 10Danie 2Input 11Danie 3Input 12Danie 4Input 13Danie 5Input 14Danie 5	Input 4	Analog 4			
Input 6Analog 6Input 7Analog 7Input 8Analog 8Input 9Danie 1Input 10Danie 2Input 11Danie 3Input 12Danie 4Input 13Danie 5Input 14Danie 5Input 14Danie 6	Input 5	Analog 5			
Input 7Analog 7Input 8Analog 8Input 9Danie 1Input 10Danie 2Input 11Danie 3Input 12Danie 4Input 13Danie 5Input 14Danie 5	Input 6	Analog 6			
Input 9Analog 8Input 9Danie 1Input 10Danie 2Input 11Danie 3Input 12Danie 4Input 13Danie 5Input 14Danie 5	Input 7	Analog 7			
Input 9Dante 1Input 10Dante 2Input 11Dante 3Input 12Dante 4Input 13Dante 5Input 14Dante 6	Input 8	Analog 8			
Input 10 Danie 2 Input 11 Danie 3 Input 12 Danie 4 Input 13 Danie 5 Input 14 Danie 6	Input 9	Dante 1			
Input 11 Danie 3 Input 12 Danie 4 Input 13 Danie 5 Input 14 Danie 6	Input 10	Dante 2			
Input 12 Danie 4 Input 13 Danie 5 Input 14 Danie 6	Input 11	Dante 3			
Input 13 Danie 5 Input 14 Danie 6	Input 12	Dante 4			
Input 14 Danie 6	Input 13	Dante 5			
	Input 14	Dante 6			
Input 15 Dante 7	Input 15	Dante 7			
Input 16 Danie 8	Input 16	Dante 8			
Proceed to *Channels* page to continue setup.	Proceed to "Channels" pag				

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

ipeaker Wizard × +										× -
C A Not secure sa-8.local/wizard.html									@ ☆	🧠 🗈 🗯 🗆
Started 🐌 Suggested Sites 🚷 Web Slice Gallery	G Google 🍳 Google Maps	🖸 YouTube 👿 Wikipedia 📙 News 📙 Popul	ar 🔇 HSBC mobile 🔇 SAMSUNG	5 🕑 Welcome to HSE	IC 🚷 FactCheck	🕄 🕄 La Guardia Airport 📙 I	imported From IE 🛛 🕤	Chrome Web Store	hdmi stuff	» 📃 Oth
SA-8DSP м [*] Configuration										
peakers									🕇 Ado	l New Speaker
Front Left			Preamp Left		FR Output			rt 🔛		
(1)	In-Wall: i								🌣 Adv	anced Controls
Front Right	P2i		Preamp Right		FR Output		Inve	rt 📕		
■))	In-Wall: i									
									🌣 Adv	anced Controls
Center			Preamp Center		LF Output	3	Inve	rt		
Mute/Unmute					HF Output	4	Inve	rt 🗸		
	in-wai: i								🍄 Adv	
Subwoofer	S90		Select Channel		SW Select	Output Port		rt 📕		
			Select Channel Preamp Left							
(1)			Preamp Right Preamp Center						*	
			Mono Left+Right Analog 5						🗣 Adv	anced Controls
			Analog 6 Analog 7							
									T Add	rivew Speaker
						FF	R = Full F	Range		
						LE =	Low Fre	auency		
						HE-	High Er			
						- 117 -	TIBILLI	equency		

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 × +	
^s ← → C ▲ Not secure sa-8.local/wizard.html	e 🛧 🧌 🖬 🖈 🖬 🥁 E
💊 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
SA-8DSP AUDIO SYSTEM HOME INPUTS CHANNELS SPEAKERS SPEAKER TE	
Network Settings Hostname	Enter a custom name for the amplifier here and the mDNS name will automatically update and reload.
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) Annual	
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 - +	
Reset Name Servers to Google Public DNS	

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!!!

 C A Not secure [sa-8Jlocal/witard.htm] G Google Apps D YouTube W Wikipedia News Popular O HSBC mobile O SAMSUNG O Welcome to HSBC O FatCheck O La Guardia Arport I Imported From E O Chrome Web Store hdmi stuff
Cetting Started U Suggested Sites O Web Site Gallery G Google G G Google G G G G G G G G G G G G G G G G G G G
WISDOM COnfiguration AUDIO SYSTEM HOME INPUTS CHANNELS SPEAKERS SPEAKER TESTING NETWORK SYSTEM
CONFIGURATION
Import Configuration File
Exot Configuration File
Network Settings
Hosiname
Bink Front Panel
SA-8 Firmware Update Blink Front Panel IS only
The SA-8 will be accessible via the Bonjour/MDNS name "http://SA-8.local" available for the SA-8.
Sorry 2 channel neonlai
Power Conservation
Power saving mode (network powers down when turned off)
Configuration Method
• Automatic (DHCP) • Manual
TCP/IP configuration
IP Address
192 163 1.37
Network Mask
265 255 255 255 2
Gateway
192.168.1.1
Name Server(s)
192168.1.1
Reset Name Servers to Google Public DNS



WISDOM and the stylized W are registered trademarks of Wisdom Audio.

Wisdom Audio 1572 College Parkway, Suite 164 Carson City, Nevada 89706 USA Telephone: 775.887.8850 Fax: 775.887.8820 www.wisdomaudio.com

SA-x DSP Quick Start Guide-1.0 © 2022-11-18

Wisdom Audio, Inc. All rights reserved.

Printed in U.S.A.