

Finding the SA-8 on the Network

The SA-8 uses DHCP and mDNS to receive an IP address and be easily accessed through the local network. Be sure that the SA-8 and your computer are on the same local network and subnet.

Currently the SA-8 supports Firefox browsers on both Windows and MacOS computers. We do not recommend using Chrome or Safari currently.

Method One – mDNS Name

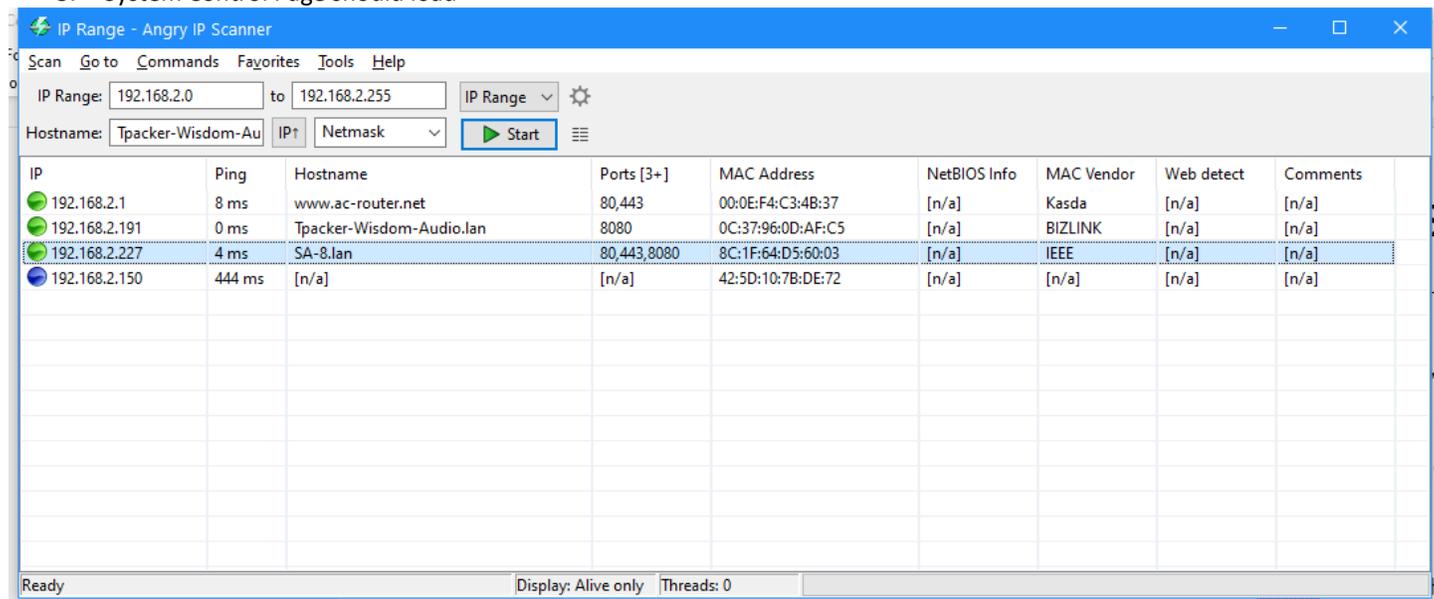
We recommend that you connect one (1) SA-8 at a time on the network if you use the mDNS Name method.

1. Open Firefox
2. Type <http://SA-8.local> into the address bar
3. System Control Page should be found

Method Two – IP Scan

This is perfect for installations with multiple SA-8 on the network, or where the mDNS name is not working.

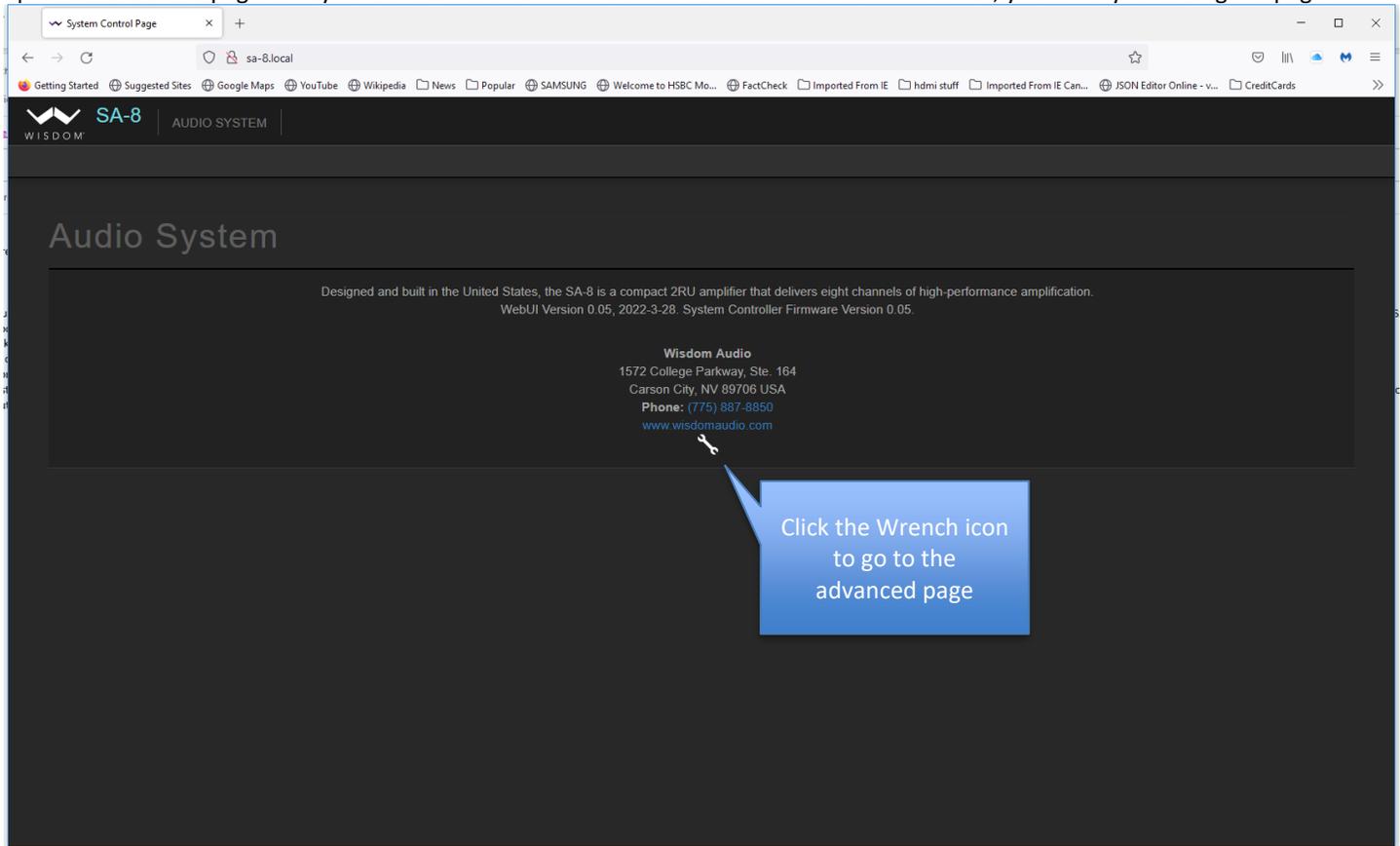
1. Use [Angry IP Scanner](#) or [Advanced IP Scanner](#), or any other IP scan tool.
2. Scan the local network
3. SA-8 will appear in the list
4. Enter the IP address that is shown into your browser. In the example below, 192.168.2.227 is my SA-8.
5. System Control Page should load



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:C3:4B: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]
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. If it 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 50 events for the system.
- Mains Power Recovery: 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.

The screenshot shows a web browser window displaying the 'Speaker Wizard' configuration page for the SA-8 Audio System. The browser address bar shows 'sa-8.local/wizard.html'. The page has a dark theme and a navigation menu with 'AUDIO SYSTEM' selected. The main content area is titled 'Audio System' and contains the following text:

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 0.05, 2022-3-28. System Controller Firmware Version 0.05.

Wisdom Audio
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Carson City, NV 89706 USA
Phone: (775) 887-8850
www.wisdomaudio.com

The 'Mains Power Recovery' section has a dropdown menu open with the following options:

- Stay off
- Stay off
- Turn on
- Return to last state

Below the dropdown is a system log with the following entries:

```
Fri, 2022-04-01 12:02:52 - Firmware update Web page data (MPFS) attempt - Detail1: 0x0, Detail2: 0x0, Option: 0x0
Fri, 2022-04-01 12:02:52 - Web Server files update - Detail1: 0x0, Detail2: 0x0, Option: 0x1
Fri, 2022-04-01 12:02:52 - *** System Controller Main Application code begins *** - Detail1: 0x2083, Detail2: 0x0, Option: 0x0
Fri, 2022-04-01 12:06:38 - Front Panel switch check - Detail1: 0x0, Detail2: 0x0, Option: 0x0
Fri, 2022-04-01 12:06:39 - System power state changed - Detail1: 0x1, Detail2: 0x0, Option: 0x0
Fri, 2022-04-01 12:06:55 - DHCP data received - Detail1: 0xC0A802E3, Detail2: 0xC0A80201, Option: 0x18
Fri, 2022-04-01 12:09:57 - Amp Clipping - Detail1: 0x1, Detail2: 0x1, Option: 0x0
Fri, 2022-04-01 12:10:12 - Amp Clipping - Detail1: 0x1, Detail2: 0x0, Option: 0x0
Fri, 2022-04-01 12:14:39 - NTP update requested - Detail1: 0x1, Detail2: 0x0, Option: 0x0
Fri, 2022-04-01 12:22:14 - Time update from NTP server - Detail1: 0x6246EE76, Detail2: 0x0, Option: 0x0
Fri, 2022-04-01 12:22:14 - NTP update requested - Detail1: 0x1, Detail2: 0x0, Option: 0x0
Fri, 2022-04-01 12:22:14 - Time update from NTP server - Detail1: 0x6246EE76, Detail2: 0x0, Option: 0x0
```

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:** 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.

The screenshot shows a web browser window displaying the 'Speaker Wizard' configuration page for the SA-8 device. The browser's address bar shows 'sa-8.local/wizard.html'. The page has a dark theme and a navigation menu with 'AUDIO SYSTEM', 'NETWORK' (selected), and 'SYSTEM'. The main content area is titled 'Network Settings' and contains several sections:

- Hostname:** A text input field contains 'SA-8'. Below it, a message states: 'The SA-8 will be accessible via the Bonjour/MDNS name: `*http://SA-8.local/*`'.
- Power Conservation:** A checkbox labeled 'Power saving mode (network powers down when turned off)' is checked.
- Configuration Method:** Two radio buttons are present: 'Automatic (DHCP)' (selected) and 'Manual'.
- TCP/IP configuration:** This section includes several input fields:
 - IP Address:** 192.168.2.227
 - Network Mask:** 255.255.255.0
 - Gateway:** 192.168.2.1
 - Name Server(s):** A list of two servers: 192.168.2.1 and 0.0.0.0. Each entry has a minus sign (-) to the left and a plus sign (+) to the right.

At the bottom of the TCP/IP configuration section, there is a button labeled 'Reset Name Servers to Google Public DNS'.