This guide describes programming instructions for the LEA amplifiers used in standard Daktronics Sportsound audio systems. Spare and replacement amplifiers are shipped to site with no programming loaded, so the correct files must first be installed; this depends on the standard audio system in use.

Download Required Software & Programming Files

For all systems, the configuration file and a laptop with a web browser are required.

For 500HD and 1500HD systems, Dante Controller software must be downloaded and installed from https://my.audinate.com/support/downloads/dante-controller. Registration to a free account is required to download this program.

Amplifier configurations are available to download externally here: https://dakfiles.daktronics.com/downloads/Audio/Servicing%20Sportsound%20Systems/

- The "Indoor Systems" directory includes SSN-150 and SSN-250 files.

- The "Outdoor Systems" directory includes SS-200, 500HD, 1500HD, and Dante converter files.

Audio System	Programming File
SSN-150	ER-5114208
SSN-250	ER-5114206
SS-200	ER-5114210
SS-500HD	ER-5165674
SS-1500HD Amp1	ER-5165675
SS-1500HD Amp2	ER-5165676
Dante Converter Config	ER-5137944

Program Amplifiers

1. Plug in the amplifier power cord. If it doesn't power on, press the power button next to the cord. Refer to **Figure 1**.

2. Once powered on, check the screen on the front of the amplifier for an IP address.

   a. If the IP address shows 0.0.0.0, continue to **Step 3**.

   b. If the IP address shows any other value, skip to **Step 6**.

3. Press the Wi-Fi / IEEE 802.11 b/g/n button on the back of the amplifier. Refer to **Figure 2**. The LED above the button will turn blue.

4. The screen on the front of the amplifier will display its access point name and IP address.

5. On your laptop, find the Wi-Fi network that matches the IP on the amplifier. Refer to **Figure 3** for an example; note that the exact name varies by amplifier, but should begin with "CS704".

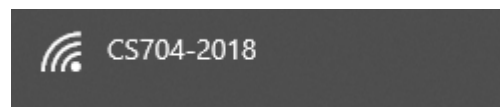*Figure 1: Amplifier Power Button*

Figure 2: Amplifier Wi-Fi Button

Figure 3: Amplifier Wi-Fi Network

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6. Verify the laptop network settings are in the same subnet as the IP address shown on the amplifier.

   For example, if the amplifier shows 192.168.1.1, set the laptop to 192.168.1.**160** with subnet mask 255.255.255.0. If the amplifier shows 192.168.10.1, set the laptop to 192.168.10.**160** with subnet mask 255.255.255.0, etc.

7. Open a web browser and enter the IP address from the screen on the front of the amplifier into the address bar.

8. Click on the blue information icon (*i*) for the connected amplifier. Refer to **Figure 4**.

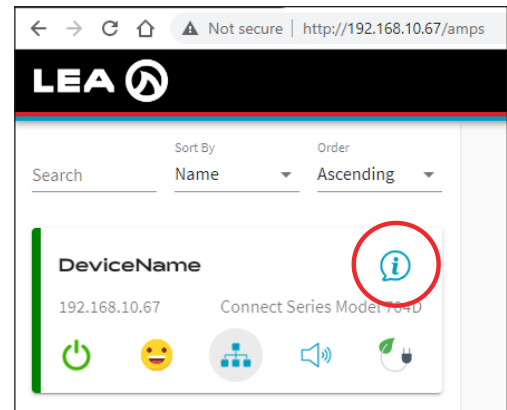9. Click **ALL SETTINGS IMPORT/EXPORT**. Followed by **IMPORT AMP SETTINGS**. Refer to **Figure 5**.

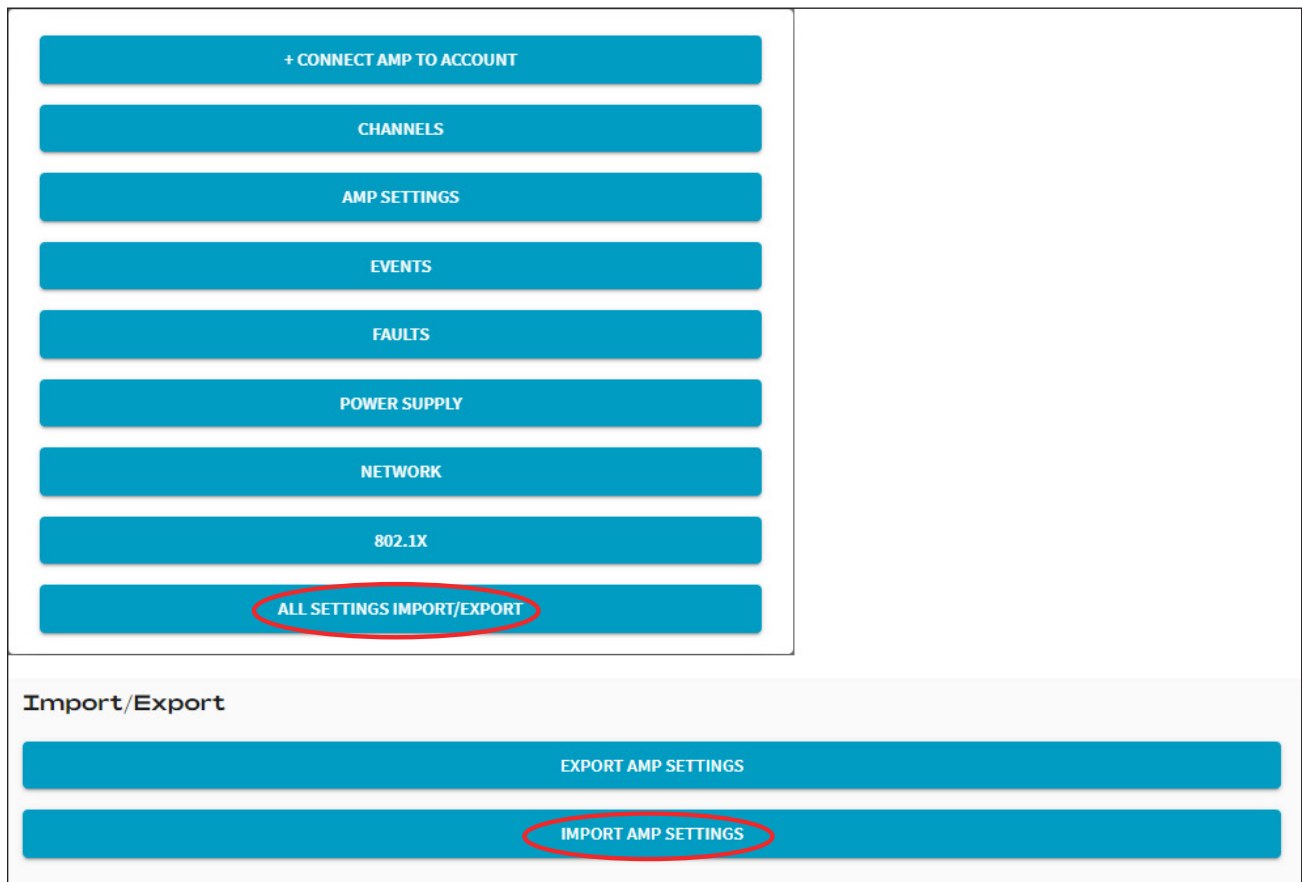*Figure 4:* *Device Information*

Figure 5: *All Settings Import/Export > Import Amp Settings*

10. Click **CHOOSE FILE** and locate the appropriate amplifier configuration file as described in **Download Required Software & Programming Files (p.1)**.

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11. Click **IMPORT**. Refer to **Figure 6**.

12. Check the screen on the front of the amplifier to verify it was programmed successfully by noting the amplifier name **and** IP address change. Refer to **Figure 7** and the table below.

> **Note:** The files may need to be imported twice to change the IP.

Figure 7: Programmed Amplifier

Figure 6: Choose File > Import

Amplifier	Amplifer Name	IP Address
SSN-150	SSN–150–Normal SSN–150–LessBass* SSN–150–LeastBass*	
SSN-250	SSN–250–Normal SSN–250–LessBass* SSN–250–LeastBass*	192.168.1.11
SS-200	SS–200–Normal SS–200–LessBass*	
SS-500HD	Sportsound 500	
SS-1500HD Amp 1	SS–1500HD–Amp1	
SS-1500HD Amp 2	SS–1500HD–Amp2	192.168.1.13

*Select a reduced bass preset if there are speech/music intelligibility issues at the venue caused by too much bass.
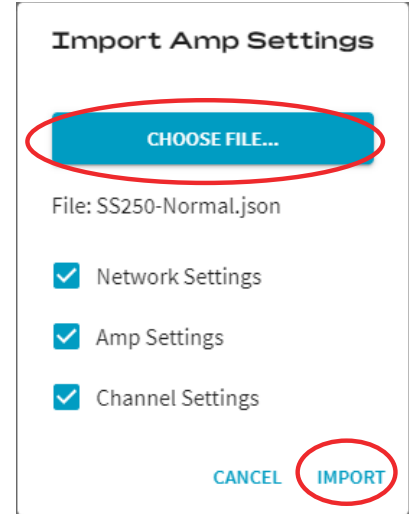
13. Check the screen on the front of the amplifier to also verify it says "Wired" for the connection type. If not, press the Wi-Fi / IEEE 802.11 b/g/n button on the back of the amplifier.

> **Note:** The mode **must** be set to "Wired" when complete for communication and security reasons.

14. **Additional programming For 500HD and 1500HD systems:**

    a. Locate the "Fiber Box Glensound Dante Converter Config (ER-5137944).zip" file on dakfiles.

    b. Follow the "Standard Outdoor Dante Programming" instructions inside the zip file to program the amplifier(s) for Dante routing.

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