

L Class Loudspeakers

Getting Started – System Navigator Version 2.1

Model: LA108, LA112 loudspeakers; LS118 subwoofer

Background: This is a guide to assist with system setup utilizing System Navigator 2.1 or later

Required Hardware: PC or iPad; Router or Switch (if necessary)

Required Software: System Navigator 2.1 or later (SysNav)

Preparation:

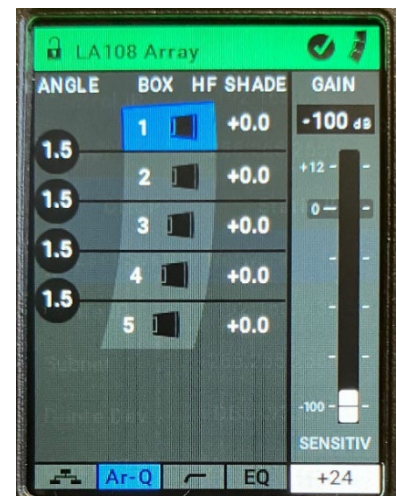
- 1) Please make sure that your SysNav Software is updated to version 2.1 or later. This can be verified by opening SysNav and looking at the bottom right corner of the home page. If you do not have the latest version, please navigate to the [SysNav Software](#) page.
- 2) Once you have verified you have the latest version of SysNav, **please close all running occurrences of SysNav on all devices before proceeding with the following steps.**

Procedure:

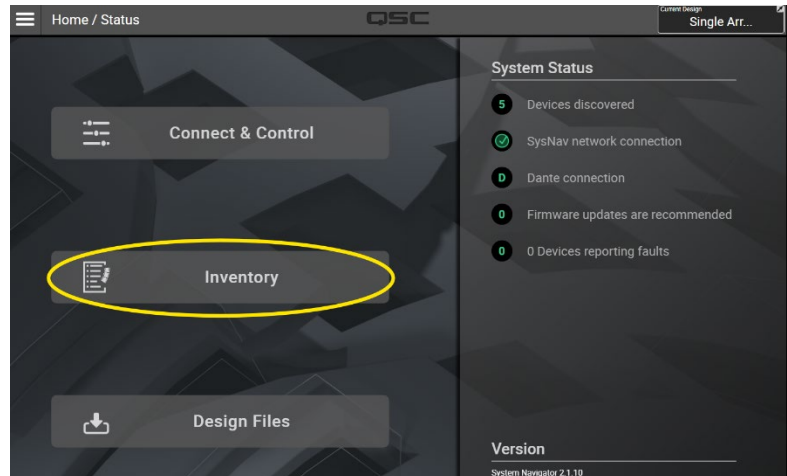
- 1) Set up all L Class loudspeakers that will be utilized during your performance. Keep all flown arrays near the ground until the steps in this guide are completed. Daisy-chain each group/array of loudspeakers together via the ethernet ports located on the back of each loudspeaker, being mindful of long runs (remember that each loudspeaker in the chain is considered a 'switch hop').

Note: A best practice is to have a home run back to the system switch or router for each group/array of loudspeakers (for example, Left Array, Right Array, Subwoofers, Front Fills) to avoid an overly large switch hop count in any single run.

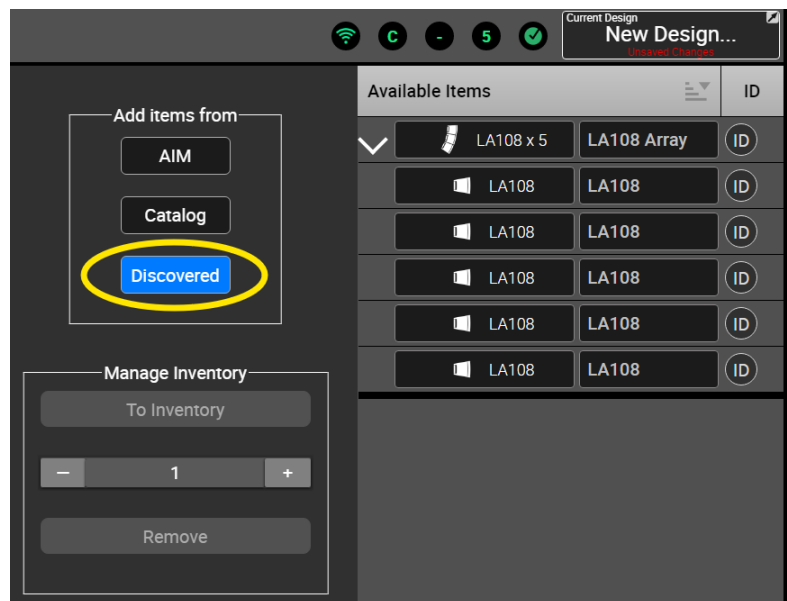
- 2) Power on all L Class loudspeakers and allow them to boot fully. This can take up to two minutes. As a reminder, SysNav should not be running during this time.
- 3) Once the loudspeakers boot fully, choose one L Class loudspeaker array, press and hold one of the RUI encoders for roughly 3 seconds to optimize the array. When the RUI status bar turns green on all loudspeakers in the array, proceed to the next array and repeat this procedure. Individual loudspeakers (such as front fills and subwoofers) do not need to be optimized. Once all arrays are optimized, proceed to the next step.
- 4) Choose your control device (PC or iPad) and connect to the appropriate L Class Network via ethernet or Wi-Fi.



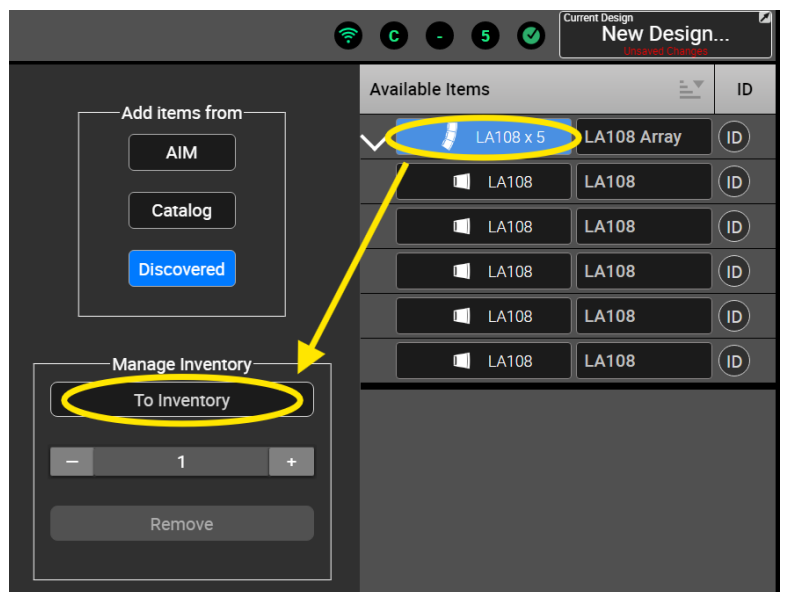
- Open the SysNav App on your control device. Press the Inventory button to navigate to the Inventory Screen.



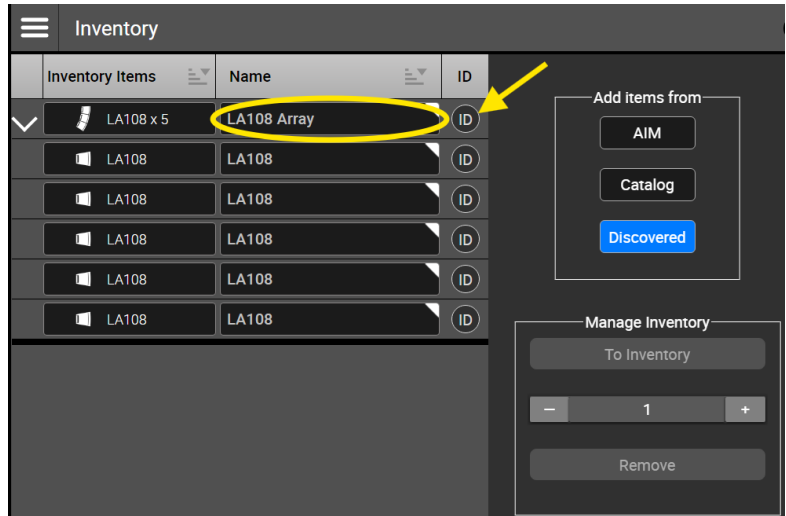
- Once the Inventory Screen is open, press the 'Discovered' button near the center of the screen. This will display all discovered arrays and individual L Class loudspeakers on the right panel.



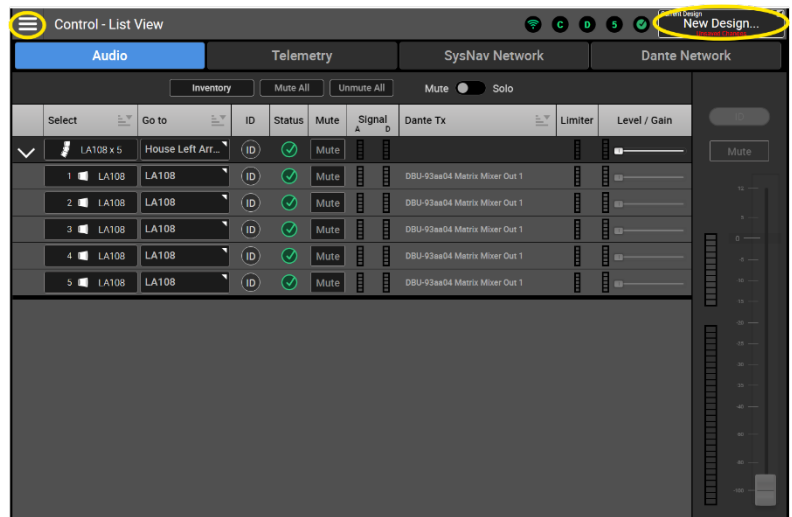
- Select an array on the right panel and press the 'To Inventory' button in the center panel. This will move your array from the right (discovered) panel to the left (inventory) panel of the screen. Repeat this process for all arrays and individual loudspeakers that you will be utilizing in your system. If you mistakenly move an L Class loudspeaker to the left panel, simply select it, and press the 'Remove' button in the center panel to relocate that loudspeaker back on the right (discovered) panel.



8) Once all loudspeakers and arrays are showing up appropriately in the left panel, press the 'ID' button on one of the listed arrays. The array will identify itself by initiating flashing blue LED lights. Once the array has been identified, give it an appropriate name by clicking next to the array the "Name" column of the left panel. Repeat this identification and naming procedure for all arrays and individual loudspeakers listed in the left panel.



9) Once all arrays and individual loudspeakers have been appropriately identified and named, press the menu button in the top left corner of the screen, and select 'Control-List View'. This will give a system overview and allow control over each individual array during system tuning and during the show. At this point in time, it is recommended to save your Design by pressing the 'Current Design' button in the top right corner, then pressing 'Save As' and naming your Design.



10) Send audio through each element of the PA system. Once audio signal has been verified through each element of the system, it is safe to fly the arrays.

For more information on this process, check out our latest L Class training videos:

- [SysNav Inventory](#)
- [SysNav Design files](#)

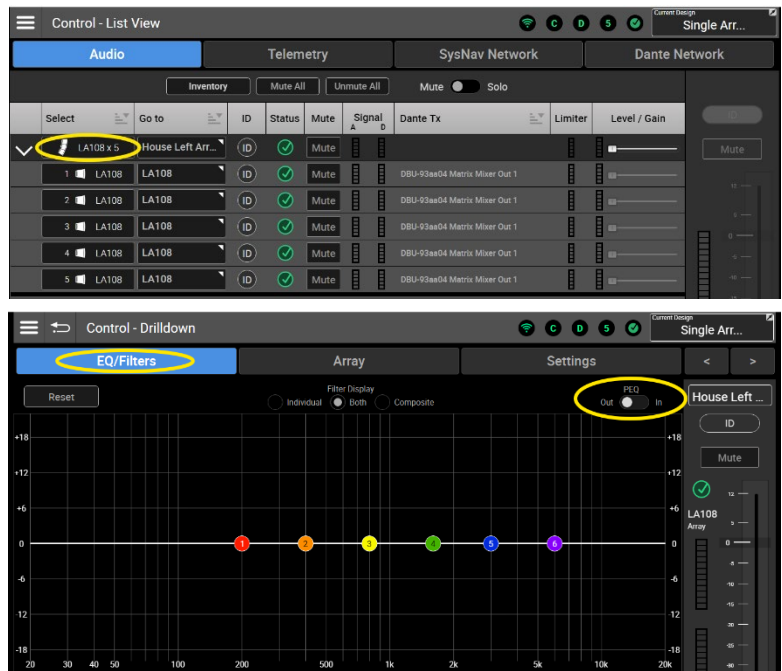
Questions & Answers:

Something went wrong, and the loudspeakers aren't responding appropriately. what should I do?

The easiest way is to restart the process. On SysNav, press the Menu Button in the top left corner, and select 'Inventory'. Select any loudspeaker in the left panel and press the remove button in the center panel. Once all loudspeakers have been removed from the left panel, exit SysNav on all devices. Power cycle the PA system and start again at Step 2 above.

I have heard that there is a sweet new EQ Section in SysNav 2.1, how do I get there?

After completing the steps above: from the Control-List view, double click on the array icon at the top of one of the arrays. Select the EQ/Filters tab on the left. Adjust the High Pass Filter and 6 Band EQ as needed. Note: PEQ is set to 'Out' by Default. Change the toggle in the top right of the screen to 'In' to hear changes in the EQ.



I have the system all set, but I need to adjust a few angles. How does this work with SysNav?

Exit SysNav on all control devices. Power cycle the array, let it boot fully. Change the angles. Press and hold the encoder on the RUI for roughly 3 seconds until all loudspeakers are optimized and all status bars turn green. Open SysNav and resume operations.

Where can I find more information and training on SysNav?

L Class SysNav training videos are located [here](#).

Additional detailed information about SysNav can be found in the [SysNav Help](#) portal.