Bose Array Tool v1.0.1

General:

Welcome to the Bose Array Tool. Live sound engineers, consultants, and installers can use the software to quickly model an acoustic space and determine the loudspeaker array configuration that provides the optimal audio coverage for that venue. The user can then generate a report, such as a bill of materials, that details the hardware needed to support that configuration.

The tool is available for both Microsoft Windows and Apple macOS platforms. Additionally, the Windows version supports export of MSA12X array data from Bose Array Tool to ControlSpace Designer, an application that is used to transfer beam pattern and configuration information to MSA12X array hardware.

This Point Release v1.0.1 incorporates the following:

Features:

- Added pitch. Loudspeakers can be pitched +- 90 degrees

Updates:

- Minor UI updates to the Report tab
- Increased size of several icons

Bug Fixes:

- Yaw is now clamped to +-180 degrees
- Fixed issue when entering in decimal place when using a French language keyboard
- Dual beam SPL is now capped to reflect behavior of the MSA12X hardware
- Cluster gain has been adjusted to properly handle changes to spreading and gain shading. We recommend using Set Max Gain as a final step.
- The SPL range was renamed to Upper/Lower.

Bose Array Tool features:

- Intuitive Workflow — Start experimenting with complex loudspeaker solutions in less than 15 minutes; a quick-start, three-step process virtually eliminates learning curve.
- Quick-iteration Engine — Visualize the direct field coverage effect on a venue in nearly real-time using intuitive drawing tools that allow you to place room surfaces and loudspeakers dynamically.
- Support for Panaray MSA12X loudspeakers — Version 1.0 supports designing with the Panaray MSA12X loudspeaker. Support for more Bose loudspeaker models will be available in future versions.
- Production Output Reports — View and export output information for easy and accurate product ordering as well as parameters for on-site focusing, setup, and rigging.