General

Welcome to the Bose Professional 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 Professional Array Tool to ControlSpace Designer, an application that is used to transfer beam pattern and configuration information to MSA12X array hardware.

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**.