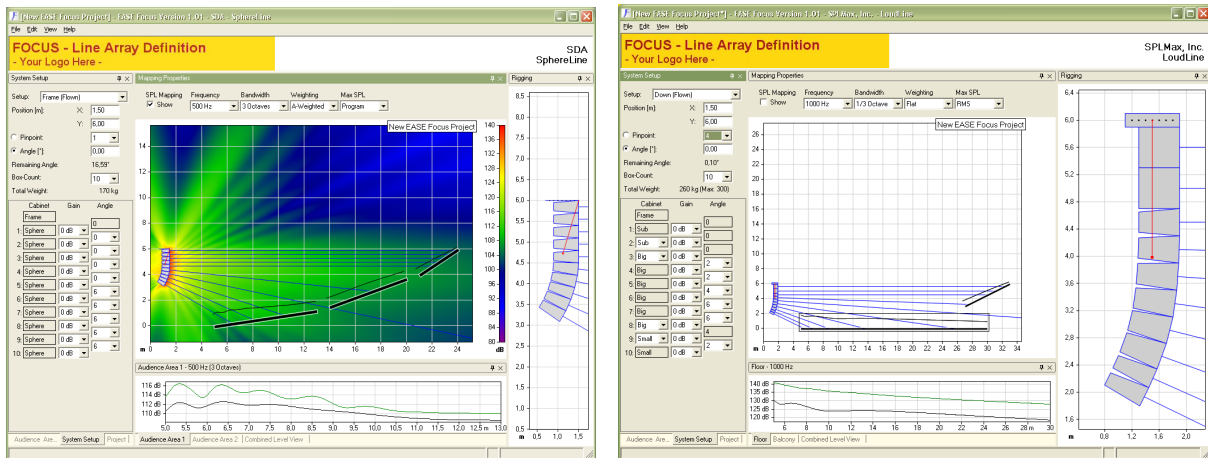




Developed by SDA Software Design Ahnert GmbH, Germany

EASE Focus - Generic Aiming and Acoustic Modeling Software

EASE Focus is a software that allows the modeling of acoustic sources, in particular line arrays, in two dimensions. It considers the direct field created by the complex addition of the sound contributions of the individual loudspeakers or array elements. Based on an intuitive and consistent interface, the design of EASE Focus is targeted at the end user, but also at the R&D engineer.



The purpose of EASE Focus is to provide both, the end user, who needs to set up the array for a show, as well as the developer, with a tool that allows the easy and quick prediction of the array performance in a given venue. Developed for the Microsoft .NET platform the software offers great usability, high performance and portability.

Features:

- Aiming and color mapping display
- Zoomed rigging display
- Extended report for printing
- Levels over audience areas
- COM and tilt angle calculation for selected pinpoint
- Presets for audience areas and array setup
- English and German language versions

Acoustic calculation:

- SPL in 1/3rd octaves, octaves, 3 octaves, broadband
- RMS, program and peak levels
- Flat and A-weighted levels
- Air attenuation according to ISO 9613
- Complex modeling of cabinets with multiple sources per cabinet
- Amplitude shading
- Optimized SPL calculation routines for interactive aiming

The applicability of EASE Focus is quite extended compared to conventional aiming tools. Because it is not bound to a single product, additional arrays can be introduced at any time and already existing arrays can be updated without changing a single line of code in the software. This makes EASE Focus a generic software.

The scientific base of EASE Focus stems from EASE, the professional electro- and room acoustic simulation software developed by ADA, Acoustic Design Ahnert. EASE Focus itself is a software created by SDA, Software Design Ahnert GmbH.

