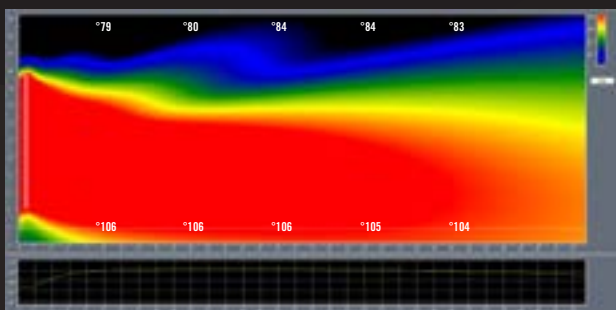
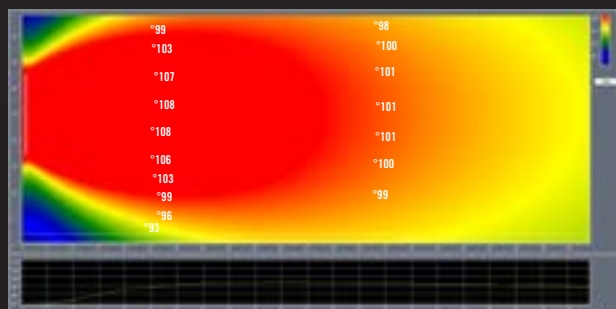


FOCUS SUB ARRAY BEAM STEERING TECHNOLOGY FOR BASS ARRAYS

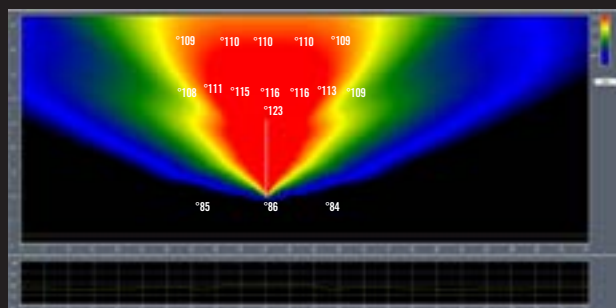
VERTICAL BASS ARRAY



HORIZONTAL BASS ARRAY



ENDFIRED BASS ARRAY





FOCUS SUB ARRAY AND PS-22

BEAM STEERING TECHNOLOGY FOR BASS ARRAYS.

Combining multiple subwoofers to form bass arrays is a common practice in modern sound reinforcement. The technique enables subwoofer beam characteristics to be optimized and more precisely directed.

However, the ability to control these beam characteristics in real time via software is completely new and unique. This is achieved using Fohhn Audio Soft 3.3 in combination with Fohhn DSP technology and Fohhn subwoofers. For the user, there are tremendous advantages: Real-time control lets you see the directional characteristics of the beam via software simulation and hear the result at the same time. This ability to simultaneously see and hear what is going on enables effortless and accurate set-up and control of horizontal, vertical and endfired bass arrays.

Electronically steerable bass arrays can be constructed using any Fohhn active subwoofers. If passive subwoofers are used, additional Fohhn DSP-controlled amplifiers or a Fohhn FC-8 controller must also be included.

The PS-22 compact subwoofer is the latest addition to Fohhn's Perform series. Specially designed as a flyable bass reflex system, it is equipped with a high performance, 12" long excursion speaker. The subwoofer is available as an active system (PS-22 active), with integral Class D amplifier, 1000W, Fohhn Double Precision DSP's, 4-line LCD display and network connection. A passive 500W/8 ohm version of the subwoofer (PS-22 passive) is also available.

THE MAIN FACTS AT A GLANCE

- Remote control of the bass frequency range using Fohhn Audio Soft
- Real-time beam steering in 0,1° increments
- Build horizontal, vertical or endfired bass arrays
- Powerful and precise reproduction of bass frequencies
- Even coverage of audience areas
- Reduction of troublesome room reflections
- Suppression of unwanted low frequency »side lobes«

Compact Subwoofer PS-22

- Flyable bass reflex system
- High performance, 12" long excursion speaker
- Active system (PS-22 active) with integrated Class D amplifier, 1000 W and Fohhn Double Precision DSP's
- PS-22 passive in 8 ohms with 500 W power rating
- Powerful and controlled sound over the entire frequency range of 38 Hz – 130 Hz
- Integrated flying mechanics and optional flying cradle
- Up to 12 PS-22s can be combined in a column to form a vertical array
- Ideal as a low frequency extension for electronically steerable systems such as the Focus Modular series

UNIQUE AND INTUITIVE:

**ONE PIECE OF SOFTWARE
CONTROLS EVERYTHING.**

DESIGNED FOR USE

**WITH ALL PRODUCTS.
REAL-TIME OPERATION.**

CONTROL AND MONITOR ALL FOHNN DSP AMPLIFIERS, DSP CONTROLLERS AND ACTIVE LOUDSPEAKER SYSTEMS EITHER INDIVIDUALLY OR IN A NETWORK. BEAM STEERING IN REAL TIME FOR LINEA FOCUS SYSTEMS, FOCUS MODULAR AND FOCUS SUB ARRAYS.

**100%
CONTROL**



FOHHN AUDIO SOFT V3.3

ONE PIECE OF SOFTWARE LETS YOU CONTROL AN ENTIRE SOUND SYSTEM. FOHHN AUDIO SOFT.

State-of-the-art technology and dedicated software have been closely developed in tandem by our engineers and finely tuned for perfect compatibility. No other software program is required; everything is included in a single intuitive application - Fohhn Audio Soft V3.3. The advantages are obvious: No unnecessary waiting time while data is transferred between software programs, or computer processes are completed. Loudspeakers do not have to be muted at any time while settings are optimised. Both the software and loudspeaker systems are permanently online and in constant communication with one another. Every adjustment can be made in real time, guaranteeing problem-free live control of all connected Fohhn systems.

Free download from www.fohhn.com.

THE MAIN FACTS AT A GLANCE

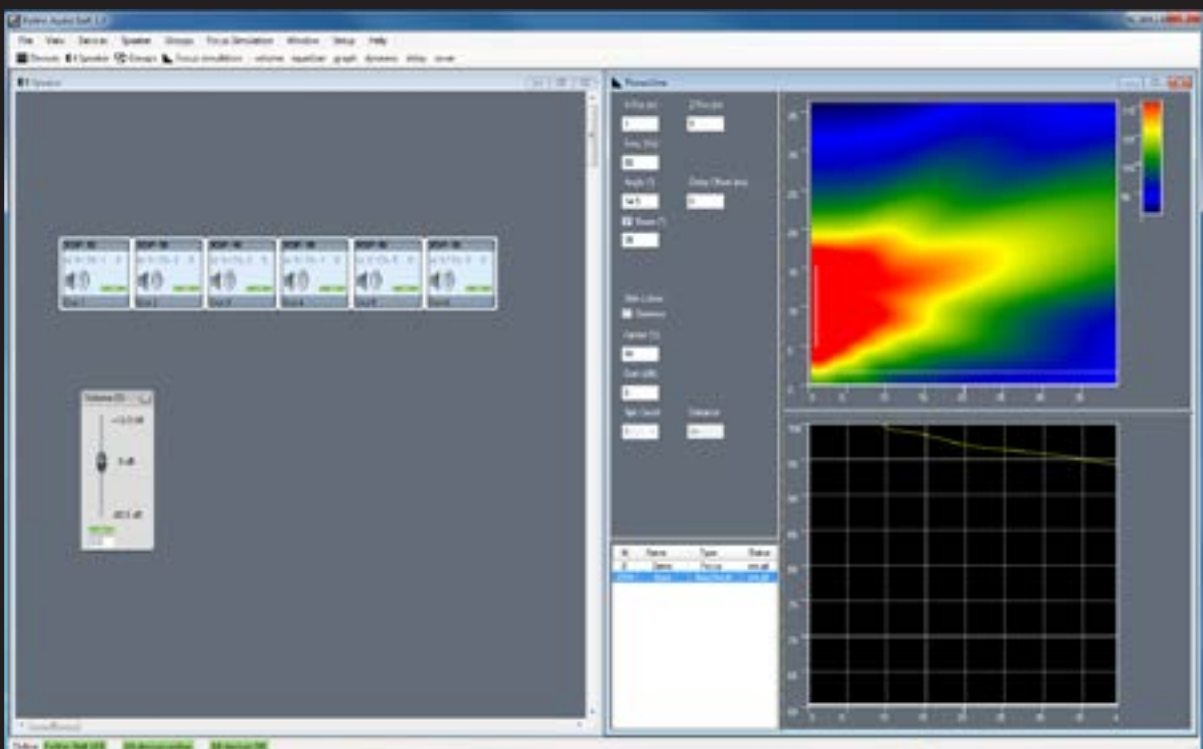
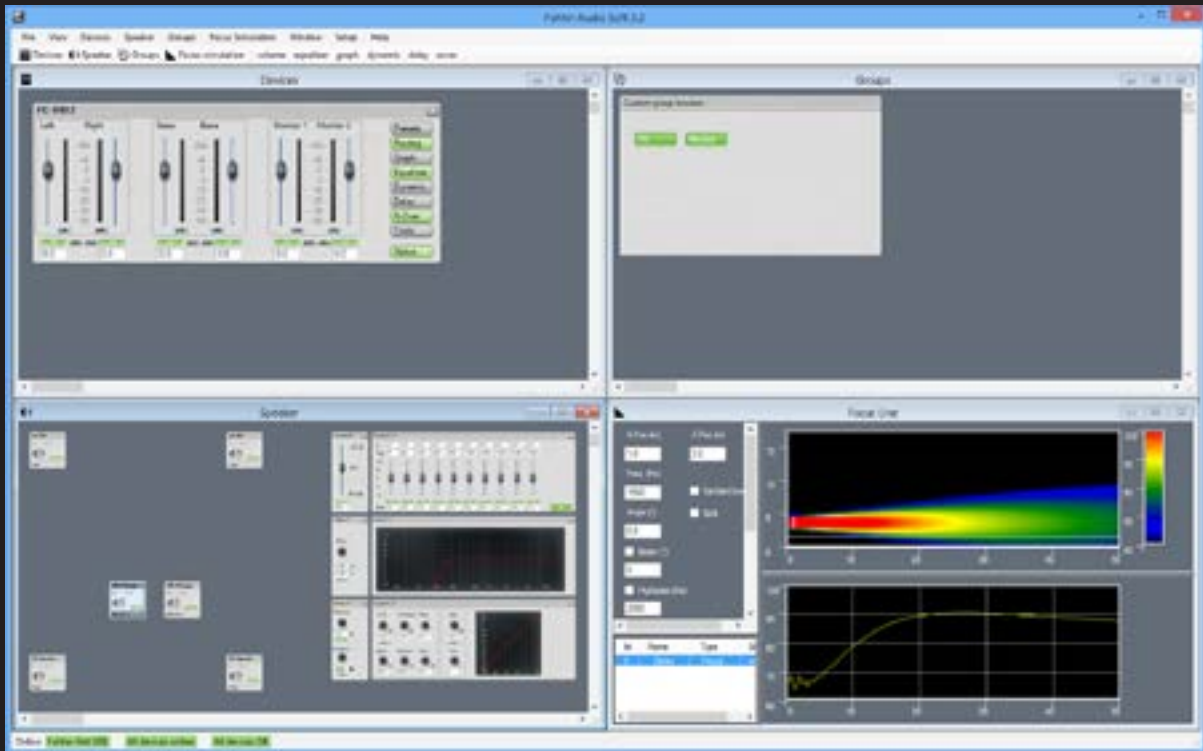
- Direct and intuitive remote control of Fohhn systems in real time
- Clear graphical user interface gives speedy access to all connected digital audio devices, group functions, software presets and Focus Simulation
- Devices can be controlled via laptop using Fohhn USB adapter or Fohhn Ethernet adapter
- All settings can be saved as presets.
- Up to 256 devices can be networked and remotely controlled

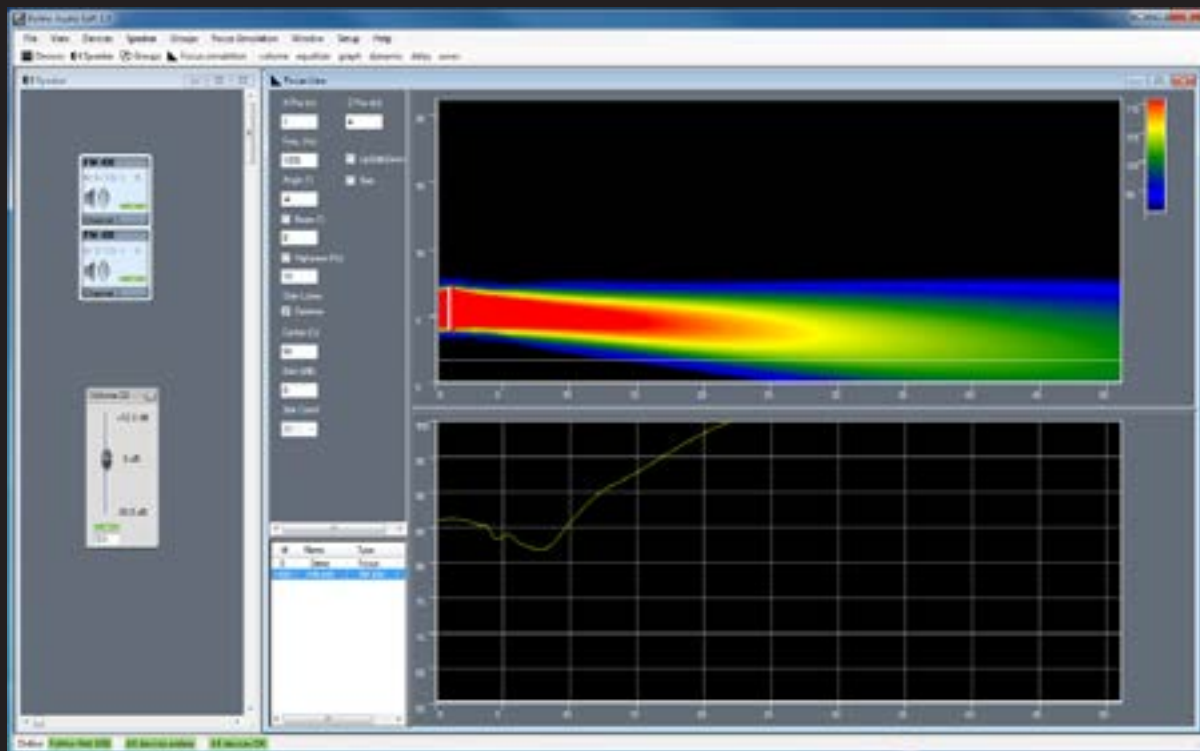
FREE DOWNLOAD AVAILABLE

→ www.fohhn.com

FOHNN AUDIO SOFT V3.3

ONE PIECE OF SOFTWARE CONTROLS EVERYTHING.





WHAT'S NEW: THE THREE LATEST FEATURES

FOCUS MODULAR SUPPORT.

Fohhn Audio Soft 3.3 includes full support for Focus Modular – Fohhn's brand new modular line array series with beam steering technology.

NEW PRESET FUNCTION.

The new Preset function in the Speaker View enables settings from multiple devices to be simultaneously saved and recalled. Speaker presets can also be directly configured using the loudspeaker symbols.

FOCUS SUB ARRAYS: BEAM STEERING TECHNOLOGY FOR BASS ARRAYS.

With Fohhn Audio Soft 3.3, multiple subwoofers of the same type can be combined to form a bass array and remotely steered in real time. By using either a mouse or keyboard to enter individual values, the direction and angle of each subwoofer beam can be precisely set. The Focus Simulation window virtually displays the various beam characteristics. Side Lobes can be suppressed and the acoustic centre adjusted or moved as required. Even coverage and accurate dispersion of bass frequencies can be achieved in minutes!

SOUNDS PERFECT. IS PERFECT.



FOHNN® AWARDS.



OUR LOVE OF DETAIL GOES FAR BEYOND THIS BROCHURE:

On our website you can find detailed product descriptions, technical data, accessories and full data sheets for download, along with 360° product views, user guides, PDF brochures, CAD drawings, 2D and 3D DWG files, Fohhn software, firmware updates, EASE and ULYSSES simulation data, references and much more.

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