

FOHNN.

SOUNDS PERFECT.
IS PERFECT.



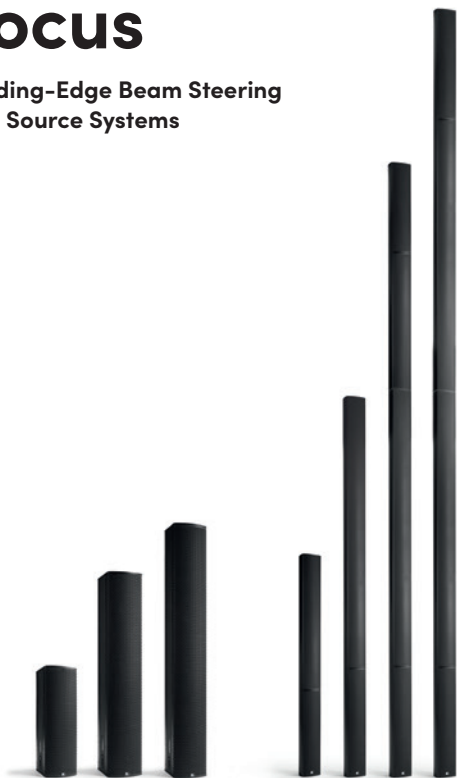
The world of Fohhn

Product Portfolio

EN

Focus

Leading-Edge Beam Steering Line Source Systems



Flagship sound reinforcement technology and true engineering skill. Thanks to leading-edge digital technology and software, the beam dispersion characteristics of these award-winning sound systems with Fohhn Beam Steering technology can be individually controlled and optimally adjusted in real time. The result: outstanding sound – even in problematic acoustic environments – plus virtually invisible integration without mechanically tilting the loudspeaker. Available in RAL, NCS or Pantone colours. Digital signal inputs (options): AES/EBU, Dante, Optocore or AIREA.

Analog AIREA[®] AES/EBU Dante[™] OPTOCORE

Linea Focus



DLI-130

8 × 4", DSP amp, 8 × 100 W, 110° (h) / 0°–90° (v), SPLmax: 124 dB

DLI-230

16 × 4", DSP amp, 16 × 100 W, 110° (h) / 0°–90° (v), SPLmax: 130 dB

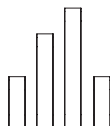
DLI-330 **NEW**

24 × 4", DSP amp, 24 × 100 W, 110° (h) / 0°–90° (v), SPLmax: 133 dB

DLI-430 **NEW**

32 × 4", DSP amp, 32 × 100 W, 110° (h) / 0°–90° (v), SPLmax: 136 dB

Focus Modular (soon available)



DFM-100 (HF-Module) **NEW**

8 × 1", DSP amp, 8 × 120 W, 90° (h) / 0°–90° (v), SPLmax: 142 dB

DFM-110 (HF-Module) **NEW**

16 × 1", DSP amp, 16 × 120 W, 90° (h) / 0°–90° (v), SPLmax: 148 dB

DFM-400 (LM-Module) **NEW**

32 × 4", DSP amp, 16 × 120 W, 90° (h) / 0°–90° (v), SPLmax: 134 dB

DLM-300 (Low-Mid Extension) **NEW**

4 × 6.5", low-mid extension, passive

Focus Venue

Beam Steering For
Concert Sound



Unique: Focus Venue is a modular concert sound line array system with Beam Steering technology and a switchable cardioid function. It is flown in as a straight line – complicated, mechanical curving is eliminated. As a result, extremely short setup times are possible. Beam dispersion characteristics can be set in real time using software and can be flexibly adapted to any sound situation. Focus Venue is remarkable for its wide-ranging dynamics, extremely low distortion at high levels and its optimal scalability. The system combines even coverage and excellent sound quality with perfect visual integration into the room or stage design.

Analog AIREA AES/EBU Dante

Focus Venue



FV-100

8 × 1" + 8 × 1.5", 16 × 250 W, 90° (h) / 0° – 90° (v), SPLmax: 150 dB

FV-200

8 × 10", 4 × 1000 W, 90° (h) / 0° – 90° (v), SPLmax: 145 dB

Accessories

FF-FV-100/200

flying frame for FV-100 and FV-200, max. load 1,300 kg

DO-FV-100/200

transport dolly for 2 × FV-200 or 4 × FV-100

TC-FV-DO **NEW**

transport cover for 2 × FV-200 or 4 × FV-100 on a dolly

RC-FV-Top **NEW**

rain cover for Focus Venue with flying frame

RC-FV-Connect **NEW**

rain cover for Focus Venue connector panel

Pull-Back Frame & Downfill Adapter **NEW**

tilting of array & TV spigot slot for downfill

Stacking Cradle **NEW**

consists of pull-back frame and feet

ABX-5

Dante Input Interface for Focus Venue Systems

Perform

Concert Sound Systems



High performance systems for concert sound. Optimized for performance, sound, reliability and easy handling. Universally deployable. Indoor and outdoor use. The PT-70 is equipped with Fohhn Convertible Dispersion Technology: Rear sound emission in the low-mid range is reduced by up to 20 dB at the flick of a switch. Suitable for flying, the new PS-850 and PS-800 high performance subwoofers form the perfect complement to any concert sound system.

Top



PT-70 (horn loaded system)

2 × 12" / 1.4" CD, 900 W, 4 Ω, 90° × 50° / 60° × 50°, SPLmax: 140 dB

Subs



PS-800 **NEW**

1 × 18" long excursion, 1000 W



PS-850

2 × 18" long excursion, 2000 W, 4 Ω, SPLmax: 142 dB

Accessories for PT-70

VPT-70

swivel bracket for PT-70 (stand use and flown applications)

VPT-70 PO

swivel bracket for PT-70, pole-operated

WB-PT-70 **NEW**

wheel board for transport of 1 × PT-70

Case 2 × PT-70 **NEW**

double case for transport of 2 × PT-70

TC-PT-70

padded transport cover

RC-PT-70 **NEW**

rain cover for PT-70

Accessories for PS-850/800

FF-PS-850

flying frame for PS-850, max. load 2,000 kg

FF-PS-800 **NEW**

flying frame for PS-800

ILS-PS-800/850

retrofit flying hardware with Fohhn Interlock System

WB-PS-850

wheel board for transport of 1 × PS-850, SmartLock mounting

WB-PS-800

wheel board for transport of 1 × PS-800, SmartLock mounting

DO-PS-800/850 **NEW**

transport dolly for 3 × PS-850 / 6 × PS-800

TD-PS-850 **NEW**



front lid that protects the front grille of a PS-850

DSP amplifiers

Leading-Edge Amplifier Technology
in All Power Classes



Fohhn amplifiers are synonymous with high power density, reliability and sound quality. The latest generation (DI-Series) includes models with up to 2×4000 W and is the perfect choice for both touring and fixed installation. The integrated Fohhn DSPs offer professional users an extensive range of audio tools together with specially tailored presets for all Fohhn passive loudspeakers. A choice of AES/EBU, Dante, Optocore or analog inputs is available. All Fohhn amplifiers can be networked, remotely controlled and remotely monitored.

Analog AES/EBU  Dante™  OPTOCORE

DI-4.1000 (variable Input Interfaces)

4 × 1000 W / 4 Ω, In-/Out-DSP, speaker presets, 9.4 kg

DI-2.2000 (variable Input Interfaces)

2 × 2000 W / 4 Ω, In-/Out-DSP, speaker presets, 9.4 kg

DI-4.2000 (variable Input Interfaces) **NEW**

4 × 2000 W / 4 Ω, In-/Out-DSP, speaker presets, 10.5 kg

DI-2.4000 (variable Input Interfaces) **NEW**

2 × 4000 W / 4 Ω, In-/Out-DSP, speaker presets, 10.5 kg

MA-4.100 ANA Matrix DSP Amp (Analog In) **NEW**

4 × 75 W / 4 Ω, Line/Mic, In-/Out-DSP, speaker presets, 9.5"

MA-4.100 DAN Matrix DSP Amp (Dante In) **NEW**

4 × 75 W / 4 Ω, In-/Out-DSP, speaker presets, 9.5"

D-2.750 (Analog In)

2 × 750 W / 4 Ω, DSP, speaker presets, 10.2 kg

D-4.750 (Analog In)

4 × 750 W / 4 Ω, DSP, speaker presets, 11.6 kg

FC-9 (Analog In)

DSP-System-Controller, 4-In/ 6-Out, speaker presets



High Performance Compact Loudspeakers
For Mobile Sound Reinforcement



These powerful 2-way compact loudspeakers and subwoofers (active or passive) can be effectively combined and scaled. Extremely reliable and robust. Lightweight. Various indoor and outdoor applications. Sophisticated accessories. Easy handling. Plug & Play.

Tops

<input type="checkbox"/>	XT-1 6.5"/1" CD, 150 W, 16 Ω , 90°×60° (h×v), SPLmax: 123 dB
<input type="checkbox"/>	XT-10 8"/1" CD, 200 W, 8 Ω , 90°×60° (h×v), SPLmax: 125 dB
<input type="checkbox"/>	XT-22 10"/1" CD, 300 W, 8 Ω , 90°×60° (h×v), SPLmax: 127 dB
<input type="checkbox"/>	XT-33 12"/1" CD, 500 W, 8 Ω , 90°×60° (h×v), SPLmax: 130 dB
<input type="checkbox"/>	XT-4 12"/1.4" CD, 500 W, 8 Ω , 80°×50° (h×v), SPLmax: 131 dB
<input type="checkbox"/>	XT-5 15"/1.4" CD, 600 W, 8 Ω , 80°×50° (h×v), SPLmax: 132 dB
<input type="checkbox"/>	XM-4 stage monitor 12"/1.4" CD, 500 W, 8 Ω , 80°×60° (h×v), SPLmax: 131 dB

Subs

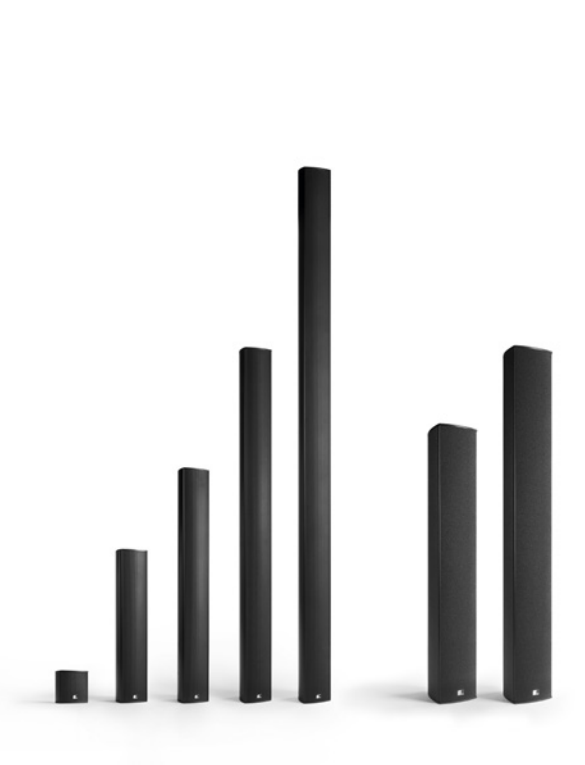
<input type="checkbox"/>	XSP-10 2× 6.5", 300 W, 4 Ω , SPLmax: 120 dB, passive crossover
<input type="checkbox"/>	XSP-22 12", 500 W, 4 Ω , SPLmax: 127 dB, passive crossover
<input type="checkbox"/>	XS-30 passive 15", 700 W, 8 Ω , SPLmax: 128 dB
<input type="checkbox"/>	XSP-3 15", 700 W, 8 Ω , SPLmax: 128 dB, passive crossover
<input type="checkbox"/>	XS-4 passive 18", 800 W, 8 Ω , SPLmax: 132 dB

Active
Subs

<input type="checkbox"/>	XS-10 active 2 × 6.5", DSP amp, 1000 W, SPLmax: 120 dB
<input type="checkbox"/>	XS-22 active 12", DSP amp, 1500 W, SPLmax: 127 dB
<input type="checkbox"/>	XS-30 active 15", DSP amp, 1500 W, SPLmax: 128 dB
<input type="checkbox"/>	XS-4 active 18", DSP amp, 1500 W, SPLmax: 132 dB

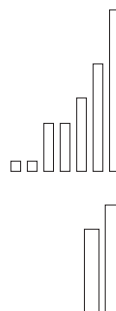
Linea

Designer Line Source Systems



Designer line source systems that meet the highest demands for aesthetics and functionality. Developed for outstanding sound, even in more challenging room acoustics. Perfect integration into architectural surroundings thanks to finishes in RAL, NCS or Pantone colours. Photorealistic surface designs on request. Finely conceived product lines. Combinable, scalable and compatible with Fohhn subwoofers. Low-impedance or 100-volt technology. Weather resistant.

Linea LX *Speech/Music*



LX-10/11
4" / 0.75" HT, 50 W, 16 Ω , 100° × 100° (h × v), SPLmax: 110 dB

LX-60/61
4 × 4" / 1", 200 W, 8 Ω , 130° × 30° (h × v), SPLmax: 119 dB

LX-100
8 × 4" / 1", 400 W, 8 Ω , 140° × 25° (h × v), SPLmax: 126 dB

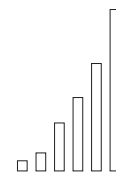
LX-150
12 × 4" / 1", 600 W, 8 Ω , 140° × 25° (h × v), SPLmax: 130 dB

LX-220
18 × 4" / 3 × 1", 900 W, 4 Ω , 130° × 15° (h × v), SPLmax: 131 dB

LX-500/501
4 × 6.5" / 4 × 1", 700 W, 8 Ω , 100° × 20° (h × v), SPLmax: 132 dB

LX-600/601
6 × 6.5" / 4 × 1", 1000 W, 8 Ω , 100° × 20° (h × v), SPLmax: 136 dB

Linea LC *Speech*



LC-10 NEW
1 × 4", 30 W, 16 Ω , 130° × 130° (h × v)

LC-20
2 × 4", 60 W, 16 Ω , 130° × 60° (h × v), SPLmax: 117 dB

LC-60
6 × 4", 180 W, 12 Ω , 130° × 25° (h × v), SPLmax: 125 dB

LC-100
8 × 4", 240 W, 8 Ω , 130° × 15° (h × v), SPLmax: 127 dB

LC-150
12 × 4", 360 W, 4 Ω , 130° × 14° (h × v), SPLmax: 131 dB

LC-220
18 × 4", 440 W, 4 Ω , 130° × 14° (h × v), SPLmax: 133 dB

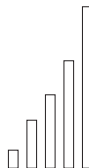
Voice Alarm

EN 54-24 Certified
Loudspeaker Systems

EN 54-24



Line source systems specially developed for use in voice alarm systems. Certified according to EN 54-24. Weather resistant, passive, 100 volt. Extremely even, directional sound dispersion using integrated multi-way crossovers, phase plug systems and passive sidelobe attenuation. Comprehensive range with models from 20 cm to 220 cm. Excellent speech intelligibility, even in rooms with long reverberation times. Indoor and outdoor use. Available on request in RAL, NCS or Pantone colours, or with photorealistic surface designs.



LEN-20

2 × 4", 130° × 60°(h×v), SPLmax: 92 dB (transformer S)

LEN-60

6 × 4", 130° × 25°(h×v), SPLmax: 97/100 dB (transformer S/M)

LEN-100

8 × 4", 130° × 15°(h×v), SPLmax: 99/102 dB (transformer S/M)

LEN-150

12 × 4", 130° × 14°(h×v), SPLmax: 100/103/106 dB (transf. S/M/L)

LEN-220

18 × 4", 130° × 14°(h×v), SPLmax: 102/105/108 dB (transf. S/M/L)

All technical data is measured in accordance with EN 54-24.

AIREA

Digital Audio Network & Active Loudspeaker Concept



AIREA is an innovative, digital audio network system and active loudspeaker system in one. Its central interface is a master module with power supply and digital signal inputs (AES/EBU). The active speakers and other system components receive their supply voltage (48 V), the audio signal and control data exclusively from the master module, via network cable. The system is remarkable for its excellent sound quality, high performance capability and very low latency. It can be effectively controlled and monitored using Fohhn Audio Soft. Can be integrated into Dante networks.

AIREA AES/EBU

Active Tops



LX-10 ASX

4" / 0.75" HT, 100° × 100° (h × v), SPLmax: 110 dB

LX-20 ASX

2 × 4" / 0.75" HT, 130° × 80° (h × v), SPLmax: 116 dB

LX-60 ASX

8 × 4" / 1", 130° × 30° (h × v), SPLmax: 119 dB

Active Subs



AS-06 ASX

6.5", SPLmax: 109 dB

AS-10 ASX

2 × 6.5", SPLmax: 115 dB

AS-22 ASX

12", SPLmax: 119 dB

Master Modules



AM-10

AIREA Master, 400 W, 1 × AES/EBU in / 4 × AIREA out

AM-20

AIREA Master, 800 W, 1 × AES/EBU in / 4 × AIREA out

AM-40

AIREA Master, 800 W, 8 × AES/EBU in / 8 × AIREA out

AM-50

AIREA Master, 1600 W, 8 × AES/EBU in / 8 × AIREA out

Breakout Extensions



ABX-1

digital-to-analog converter with AIREA input

ABX-2

analog-to-digital converter with AIREA and AES/EBU output

ABX-3

digital-to-analog converter with Fohhn DSP, AIREA in- and out

ABX-4

break-out-box, AIREA to Fohhn-Net and AES/EBU

Amp



AAX-2.300

2-channel DSP, AIREA in, 2 × Speakon out, speaker presets













Arc

Sophisticated Loudspeaker- & Accessory System For Fixed Installations








Comprehensive loudspeaker and accessory system for fixed installations of any kind. Very carefully coordinated in terms of size, sound pressure and dispersion characteristics. Elegant, discreet look from sleek wooden enclosures and attractive paint finishes in RAL, NCS or Pantone colours. These extremely powerful 2-way compact systems and subwoofers can be effectively combined and scaled. Low-impedance or 100-volt technology. Indoor and outdoor use.

Tops

	AT-05 5" / 1" HT, 80 W, 8 Ω, 90° × 90° (h × v), SPLmax: 110 dB
	AT-061 6" / 1" HT, 100 W, 16 Ω, 80° × 80° (h × v), SPLmax: 113 dB
	AT-07 6,5" / 1" CD, 150 W, 16 Ω, 90° × 60° (h × v), SPLmax: 123 dB
	AT-08 2 × 6" / 1" HT, 150 W, 8 Ω, 90° × 40° (h × v), SPLmax: 118 dB
	AT-09 2 × 6,5" / 1" CD, 200 W, 8 Ω, 90° × 40° (h × v), SPLmax: 125 dB
	AT-10 8" / 1" CD, 230 W, 8 Ω, 90° × 60° / 60° × 40° (h × v), SPLmax: 125 dB
	AT-201 10" / 1" CD, 300 W, 8 Ω, 90° × 60° / 60° × 40° (h × v), SPLmax: 127 dB
	AT-35 12" / 1" CD, 500 W, 8 Ω, 90° × 60° / 60° × 40° (h × v), SPLmax: 130 dB
	AT-40 12" / 1,4" CD, 600 W, 8 Ω, 80° × 50° / 60° × 50° (h × v), SPLmax: 132 dB
	AT-50 15" / 1,4" CD, 600 W, 8 Ω, 80° × 50° / 60° × 50° (h × v), SPLmax: 132 dB
	AT-221w (weatherproof) 10" / 1" CD, 300 W, 8 Ω, 90° × 60° / 60° × 40° (h × v), SPLmax: 131 dB
	AT-661w (weatherproof) 2 × 10" / 1,4" CD, 600 W, 4 Ω, 90° × 60° (h × v), SPLmax: 138 dB

Subs

	AS-06 6,5", 150 W, 4 Ω, SPLmax: 112 dB
	AS-10 2 × 6,5", 300 W, 4 Ω, SPLmax: 120 dB
	AS-22 12", 500 W, 4 Ω, SPLmax: 127 dB
	AS-31 15", 700 W, 8 Ω, SPLmax: 128 dB
	AS-40 18", 800 W, 8 Ω, SPLmax: 132 dB

Media

Audio Solutions For Media Applications



Developed for optimal speech intelligibility during web conferencing and flawless playback of media sound. The systems include specially designed solutions both for integration into media control systems and for conventional installation in conference and training rooms. The sets consist of compact, fan-free DSP amplifier units and high-quality compact loudspeakers.

Analog 



MT-05.01

5"/1" HT with short horn, 80 W, 8 Ω , 90°× 90°(h×v), SPLmax: 110 dB



MT-05.02 (slim line)

5"/1" HT with short horn, 80 W, 8 Ω , 90°× 90°(h×v), SPLmax: 110 dB



MA-4.100 ANA Matrix DSP Amp (Analog In)

4 × 75 W / 4 Ω , Line/Mic, In-/Out-DSP, speaker presets, 9.5"

MA-4.100 DAN Matrix DSP Amp (Dante In)

4 × 75 W / 4 Ω , In-/Out-DSP, speaker presets, 9.5"

Integrato

Pro Audio Ceiling Loudspeakers



Premium ceiling loudspeakers with pro audio quality. Their 2-way coaxial design is based on the popular Linea LX-10. Excellent sound for both speech and music. Even dispersion (100° conical). Metal enclosure with a very shallow mounting depth of 10 cm. Flat, paintable metal protection grille. Integrated transformer. Selection switch with taps for 100-Volt and low-impedance (16 ohm) technology. Available on request in RAL-, NCS or Pantone colours.

EasyPort

Wireless Loudspeaker Systems



Battery-powered loudspeakers for wireless sound reinforcement. Compact and lightweight. Ready for use in 2 minutes. Up to 20 hours of operation with only one battery charge. Totally reliable. Indoor and outdoor use. Optimal speech intelligibility. No prior technical knowledge necessary. Optionally available with integrated radio microphone system and CD player.



IG-100

4"/0.75" HT, 50 W, 16 Ω , 100° conical, SPLmax: 109 dB



IG-120 (frameless)

4"/0.75" HT, 50 W, 16 Ω , 100° conical, SPLmax: 109 dB



FP-11 Modular

8"/1" HT with short horn, 80°×80°(h×v), SPLmax: 114 dB, active



FP-22 Modular

8"/1" with short horn, 100°×100°(h×v), SPLmax: 117 dB, active



FP-22 slave

8"/1" with short horn, 100°×100°(h×v), SPLmax: 117 dB, passive

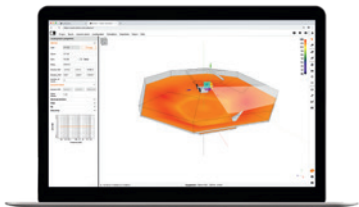
Software

Perfect Control - Perfect Planning



Fohhn Audio Soft

A piece of software for all Fohhn products: Fohhn Audio Soft is the central tool for displaying and editing all Fohhn device parameters. This intuitive software controls communication with the devices via RS-485 and Ethernet, as well as via digital audio networks (Dante or Optocore).



Fohhn Acoustic Simulation Software Arisono NEW

The in-house developed simulation software Arisono makes daily sound reinforcement planning significantly easier and faster. It enables precise, browser-based simulation of all Fohhn audio systems in a three-dimensional room space, taking into account specific acoustic conditions.

Network

Sophisticated Network Technology



All amplifiers and active loudspeakers in the network can be remotely controlled and monitored using Fohhn Audio Soft. Thanks to special interface converters, Fohhn systems can be integrated into media control systems in no time at all – using RS-232 or TCP text protocol for example.

Analog **AIREA** AES/EBU **Dante** **OPTOCORE**

- ☐ **NA-11**
USB adapter for Fohhn-Net devices
- ☐ **NA-3**
Ethernet adapter for Fohhn-Net devices
- ☐ **FR-21**
control Fohhn-Net devices using RS-232 commands
- ☐ **ABX-5**
Dante-to-AIREA converter

FOHHN.

SOUNDS PERFECT.
IS PERFECT.

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www.fohhn.com**

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