

**FOHNN.**  
SOUNDS PERFECT.  
IS PERFECT.



**THE  
WORLD  
OF  
FOHNN.**

[WWW.FOHNN.COM](http://WWW.FOHNN.COM)

## FOCUS-SERIES

FM-100 / FMI-100

FM-110 / FMI-110

FM-400 / FMI-400

DL-130

DL-230

LFI-350

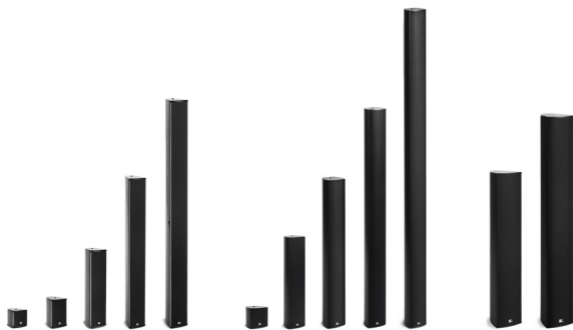
LFI-450



Representing the pinnacle of sound reinforcement technology and true engineering skill, these award-winning systems are remarkable for their electronically steerable beam characteristics – controlled via a single piece of software. Intelligent, precise and target-oriented. The speakers are produced as both elegant 12 cm wide line source speakers in lengths of up to 4.5 m (**LINEA FOCUS**) and as flexibly combinable high frequency and low-mid modules (**FOCUS MODULAR**), making them the first choice for speech and music reproduction in venues with difficult acoustic conditions.

## LINEA-SERIES

AL-10	LX-10/11	LX-500/501
AL-20	LX-60/61	LX-600/601
AL-50	LX-100	
AL-100	LX-150	
AL-150	LX-220	



Slim, elegant and above all functional. Integrated line array technology ensures outstanding speech intelligibility and even sound coverage – even in acoustically challenging venues. These line source systems are available with wooden housing in glossy piano lacquer or matt finishes (**LINEA AL**), or with shapely, weather resistant aluminum housing (**LINEA LX**). All colours. Low impedance technology or 100 V versions. **LINEA LX** systems are also available in combination with **X-SERIES** subwoofers (**LINEA LIVE**).

## VOICE ALARM-SERIES

- LEN-20
- LEN-60
- LEN-100
- LEN-150
- LEN-220



Specially developed for use in voice alarm systems, these loudspeakers are certified in accordance with EN 54-24 Type B. Weather resistant, passive, 100 Volt. Extremely even, targeted sound dispersion due to a complex multi-band crossover, a phase plug system and a passive Side-Lobe-Free functionality. Excellent levels of speech intelligibility, even in acoustically challenging venues with long reverberation times. Indoor and outdoor use.

## AIREA-SERIES

AM-10	AXX-2.300	LX-10 ASX
AM-20	ABX-1	LX-20 ASX
AM-40	ABX-2	LX-60 ASX
AM-50	ABX-3	AS-06 ASX
	ABX-4	AS-10 ASX
		AS-22 ASX



Intelligence squared: **AIREA** is a digital audio network system and active loudspeaker concept in one. At its heart is a Master module with digital AES/EBU inputs and **AIREA-NET** outputs. This enables all **FOHNN** devices with **AIREA** inputs to be connected using a standard network cable. All components can be remotely controlled and monitored using **FOHNN AUDIO SOFT**.

## ARC-SERIES

AT-05	AT-10	AS-06	CS-04
AT-061	AT-201	AS-10	
AT-07	AT-221 <sub>w</sub>	AS-22	
AT-08	AT-35	AS-31	
AT-09	AT-40	AS-40	
	AT-50		
	AT-661 <sub>w</sub>		



This series is outstanding proof that, even in the age of the line array, conventional systems can still deliver excellent results - as has been the case for many years. This well thought out loudspeaker and accessory series provides perfect acoustic and visual integration, leaving nothing to be desired: All sizes and power capabilities, all RAL colours, low impedance or 100 V, indoor and outdoor use.

## X-SERIES

XT-1	XS-10 ACTIVE	XSP-10
XT-10	XS-22 ACTIVE	XSP-22
XT-22	XS-30 ACTIVE	XSP-3
XT-33	XS-4 ACTIVE	XS-30 PASSIVE
XT-4		XS-4 PASSIVE
XT-5		
XM-4		



Individually powerful – unbeatable as part of a system: This series consists of high performance, 2-way compact loudspeakers and subwoofers (active or passive), which can be seamlessly combined with one another. The systems are remarkable for their easy handling, operational reliability and expansive sound, at both high and low volume levels. Plug & Play for discerning musicians, DJs and sound technicians. More information on our **XPERIENCE** system combinations please visit our homepage.

## PERFORM-SERIES

PT-6            PS-2  
PT-70         PS-4  
PT-8           PS-9 ACTIVE  
PT-9



High performance loudspeaker systems for industrial and concert sound. Optimized for power, sound and transport efficiency, these systems are ideal for a range of applications – both in halls and out of doors. The new **PT-70** system has been equipped with FOHNN's in-house developed **CONVERTIBLE DISPERSION TECHNOLOGY**. This enables a simple, mechanical switch between vented and cardioid operation.



## EASYPORT-SERIES

FP-11 MODULAR

FP-22 MODULAR

FP-22 SLAVE



Our battery-powered compact loudspeakers have proved particularly popular, as they can be used without any prior technical knowledge. Neither power supply nor cables are necessary. Other advantages: Ready for use in less than 2 minutes, up to 20 hours of operating time, optimum speech intelligibility. Optionally available with radio microphone system and CD player.

# AMP CONTROLLER-SERIES

D-2.750            A-1 LIVE  
 D-2.1500        A-2 LIVE  
 D-4.750  
 D-4.1200  
 FC-9



First-class loudspeakers require a first-class drive system. Our DSP amplifiers and system controllers guarantee optimum performance and operational reliability in both fixed installations and mobile applications. In addition, our **FOHHN** DSP are equipped with an extensive speaker database and premium quality audio tools. They can also be networked, remotely controlled and monitored.

# NET REMOTE-SERIES

NA-11

NA-3

FR-21

FOHNN AUDIO SOFT



All **FOHNN** components can be integrated into media control systems using either RS-232 or RS-485 as required. Furthermore, all our DSP amplifiers, controllers and active loudspeakers can be controlled, monitored and networked from a central location (with or without cables) using **FOHNN AUDIO SOFT**.

SOUND DOESN'T HAVE TO BE SEEN.

## AUDIO SYSTEM INTEGRATION

At FOHNN, audio system integration is a top priority. Acoustically and visually, functionally and digitally. So our product portfolio is appropriately wide ranging: We offer point source and line source speakers in a whole variety of sizes and power capabilities, numerous customization options for colours and surfaces, options for invisible wall mounting, installation and operational options for even the most difficult room acoustics, excellent sound quality, not to mention networking and remote control capability and, last but not least, compatibility with the latest digital audio and control networks.



PERFECT SOUND:  
LOVED BY FOHNN DEVELOPERS AND SUPPORT STAFF.

## PROJECT SUPPORT

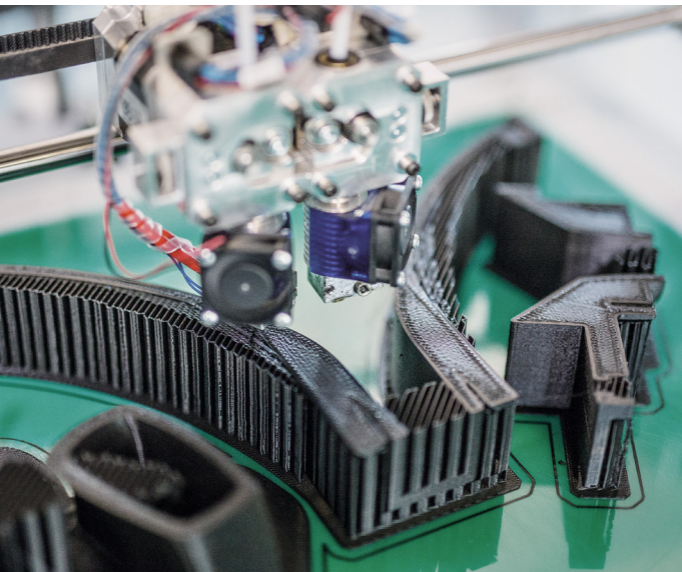
Before any project can be realised, there will first of all be questions: Where and how are the systems to be installed? Will they form part of an audio network, a multimedia concept, or a voice alarm system? For answers to these and all the other queries that might arise, our experts will enter into direct discussion with planners, architects and installers. What's special is that our engineers will also provide worldwide on-site support – using **FOHNN's** precise, in-house developed measurement technology – all the way through to final project acceptance.



INNOVATION FORMS PART OF OUR SYSTEM.

## **TECHNOLOGY - ENGINEERED BY FOHHN**

We never leave anything to chance: It is our strategy to develop and produce key technologies by ourselves on a broad basis in Germany. This way we can maintain control over the entire audio system and ensure that our products are always state of the art, without any interface problems occurring. This applies across the board, whether with loudspeaker housing components such as horns, drivers, waveguides or crossovers, whether with DSP-, network-, control- or amplifier technology, whether with Beam Steering or cardioid technology, or with measurement and simulation technology. Innovation forms part of our system.



OUR PASSION FOR DETAIL.

## QUALITY – MADE IN GERMANY

■ We are highly aware of the quality of materials and their workmanship; we translate visions into new products and aim to combine what's desirable with what's possible. As far as our workmanship is concerned, we have one single aspiration: Perfection. There's no substitute for our combination of manufacturing technology and manual labour, together with our passion for the product. For that reason, we don't do cheap mass production. Instead, we make exclusive, highly durable products that are built to last.



SUCCESSFUL SOUND COVERAGE –  
EVEN IN ROOMS WITH DIFFICULT ACOUSTICS.

## BEAM STEERING TECHNOLOGY

When a loudspeaker's beam dispersion can be electronically controlled and adjusted to suit a particular room acoustic. When a single piece of software can be used to achieve highly precise, real-time control. When rooms with difficult acoustic conditions can be intelligently and evenly covered. And when the best possible speech intelligibility and optimum sound results can be achieved – it's known as **FOHFN BEAM STEERING TECHNOLOGY**.





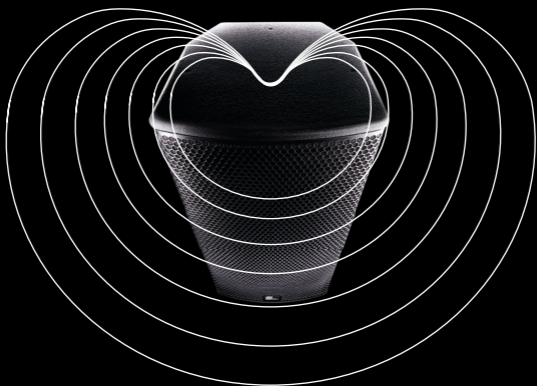
QUIET ON STAGE, BUT FULL ON FOR THE AUDIENCE.

## CARDIOID TECHNOLOGY

For us, controlled beam dispersion also means being able to control the (unwanted) sound coming from the rear of a speaker. That's why we are developing loudspeakers with cardioid functionality, which can effectively reduce low-mid rear sound emissions. This in turn leads to first class sound, greater feedback prevention and optimum levels of speech intelligibility. A special feature is the integration of our patented **CONVERTIBLE DISPERSION TECHNOLOGY (CDT)**, which enables a switch between cardioid and vented operation.



Convertible  
Dispersion  
Technology



HEARING SOUND IS ONE THING, EXPERIENCING IT IS ANOTHER.

## **ELECTRONIC ROOM ACOUSTICS & 3D SOUND**

Whether it's 3D sound for events, exhibitions, theme parks and cinemas, or the creation of a variable, electronically controllable room acoustic, we are able to implement these projects, together with our specialist partners, and achieve outstanding listening experiences. Dolby Atmos cinemas in Switzerland, "The world's highest concert hall" on the 126th floor of the new Shanghai Tower, the Energy, Education and Experience Centre in Aurich, driving simulators at Porsche and many other examples all demonstrate the excellent quality of our systems.



WE ARE OPEN TO ALL AUDIO PROTOCOLS.

## DIGITAL AUDIO NETWORKS

As one of the pioneers in digital audio technology, it is our aim to achieve compatibility with all digital audio networks. Our new **FOHNN** active loudspeakers and DSP amplifiers have both integrated AES/EBU interfaces and optional inputs for Optocore or Dante. In addition, interfaces for our in-house developed **AIREA** audio network system and active loudspeaker concept are also integrated.

**yes,  
digital**  
audio network

AES/EBU

AIREA®

Dante

  
OPTOCORE

PERFECT CONTROL OF ALL COMPONENTS.

## FOHHN AUDIO SOFT & FOHHN-NET

FOHHN AUDIO SOFT provides users with an extremely powerful, free tool: Where else can you find a single software application that lets you control and monitor all the functions on up to 254 devices from a central location? And that's not all: Via our **FOHHN-NET**, the control software has access to all the networked active loudspeakers and amplifiers within an entire sound system. **FOHHN-NET** also enables our products to be integrated into a whole range of media control systems.

BEAM STEERING SYSTEMS

ACTIVE LOUDSPEAKERS

DSP  
AMPLIFIERS

DIGITAL  
AUDIO  
NETWORK



DSP SYSTEM CONTROLLER

NET REMOTE DEVICES

THE EYE LISTENS TOO.

## DESIGN

Our clear-cut product design is deliberately devoid of showmanship. Nevertheless, the precisely calculated, statistically based dimensions of our products are considered rather pleasing to the human eye, which is why their timeless, linear form is an integral part of our design philosophy. The scope of our individual design and adaptation options is therefore limitless: **FOHNN** loudspeakers are available in RAL, pantone and similar colour catalogues, produced with painted (wooden housing) or powder-coated (aluminium housing) finishes – or with photorealistic **FOHNN TEXTURE DESIGN**.



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For the latest information on our  
portfolio, please visit:  
[www.fohhn.info/tradeshows](http://www.fohhn.info/tradeshows)

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