

Power over Ethernet  
**Our Dante PoE platform**

**Fohhn**  
colors of sound



One cable. Total integration.

## An IT-friendly pro audio solution

With our Dante PoE platform, Fohhn offers an IT-friendly audio solution for professional installations. The technology delivers power, Dante audio, control, and monitoring through a single network cable. Offering true pro-audio performance and long throw, the sleek speaker models integrate seamlessly into architecture, with Fohhn Customizing options for individual requirements.

Our goal was to raise PoE loudspeakers to a truly professional standard and push the technology to its full potential. The result is a system that delivers the clarity, stability, and dynamic headroom typically associated with larger systems. Advanced Fohhn DSP and intelligent power supply management ensure precise control, consistent sound quality, and reliable performance with PoE switches. All Fohhn systems are developed and manufactured sustainably in Germany.

### Key benefit overview:

- Power, audio, control & monitoring over one cable
- Pro audio sound with clarity, dynamic & long throw
- Sleek design with full customization options
- Intelligent power management for max. reliability
- Made in Germany – sustainable & secure



 Engineered  
and made  
in Germany



WDP  
MX<sup>®</sup>



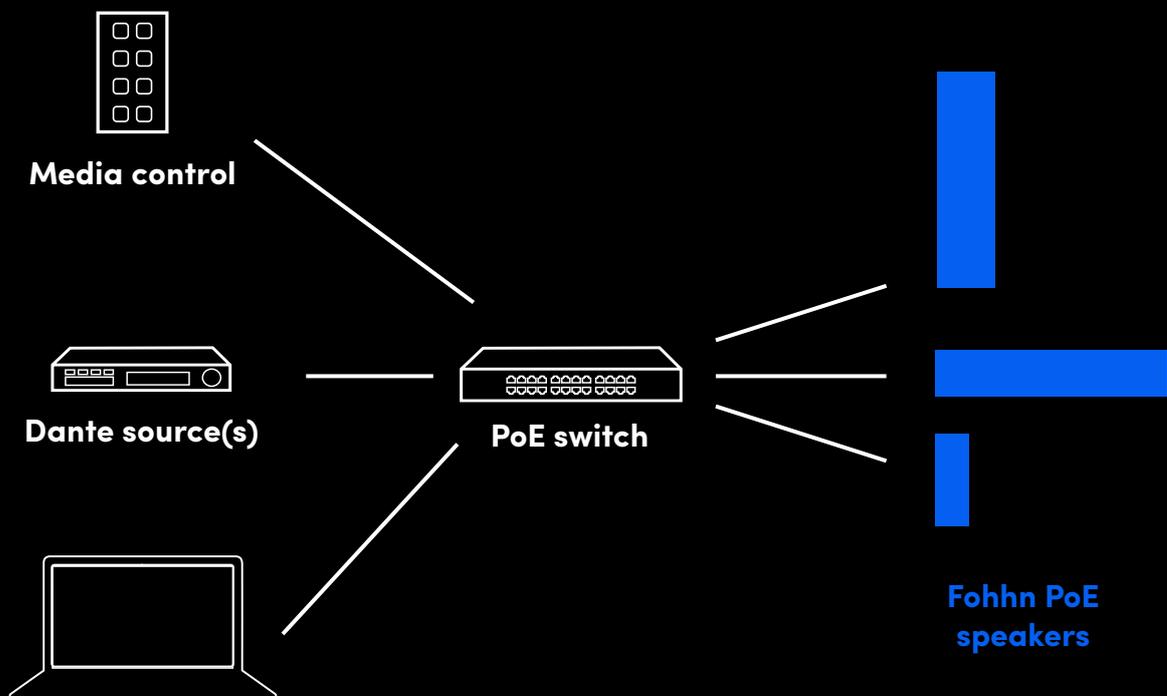


## PoE system setup

# Easy network management

In a typical setup, the PoE, PoE+ or PoE++ switch supplying the loudspeakers is also connecting Dante-enabled media sources for audio playback or microphones. A PC running Fohhn Audio Soft can be connected to the switch to control the Fohhn DSP built into each loudspeaker and to perform configuration or system tuning. Audio routing and network setup are handled via the Dante Controller software.

We have tested our PoE speakers extensively with all common pro AV PoE switches. Continuous internal voltage monitoring and intelligent power regulation, combined with multi-stage DSP processing, ensure stable operation and high system reliability, preventing unwanted switch shutdowns. Integrated capacitors supply the energy required for dynamic audio peaks without overloading the network. In idle mode, the speakers consume just 5.5 W and only 3.3 W in standby.



**Fohhn Audio Soft for Fohhn DSP**  
**Dante Controller for audio routing**



Integrated in the Fohhn world

## Standard: Dante spoken here

Dante® by Audinate is a digital audio networking technology that transmits uncompressed, multi-channel audio in real time over standard Ethernet networks. It enables low-latency, sample-accurate synchronization and flexible routing between devices such as mixers, audio interfaces, and loudspeakers

Dante is an integral part of the Fohhn world and is implemented across our entire portfolio. It is not treated as an add-on, but as a core technology for audio signal management and system integration.

Accordingly, Dante is fully integrated into every Fohhn PoE loudspeaker, providing lossless audio distribution – which is why we refer to the platform as *Dante PoE*. This makes it possible to combine Fohhn PoE speakers seamlessly with other Dante-enabled products, such as Fohhn Beam Steering speakers, our system amplifiers or third-party devices. Through close cooperation with Audinate, Fohhn systems also offer extended Dante monitoring features.

Fohhn speaks Dante. Fohhn speaks industry standard.



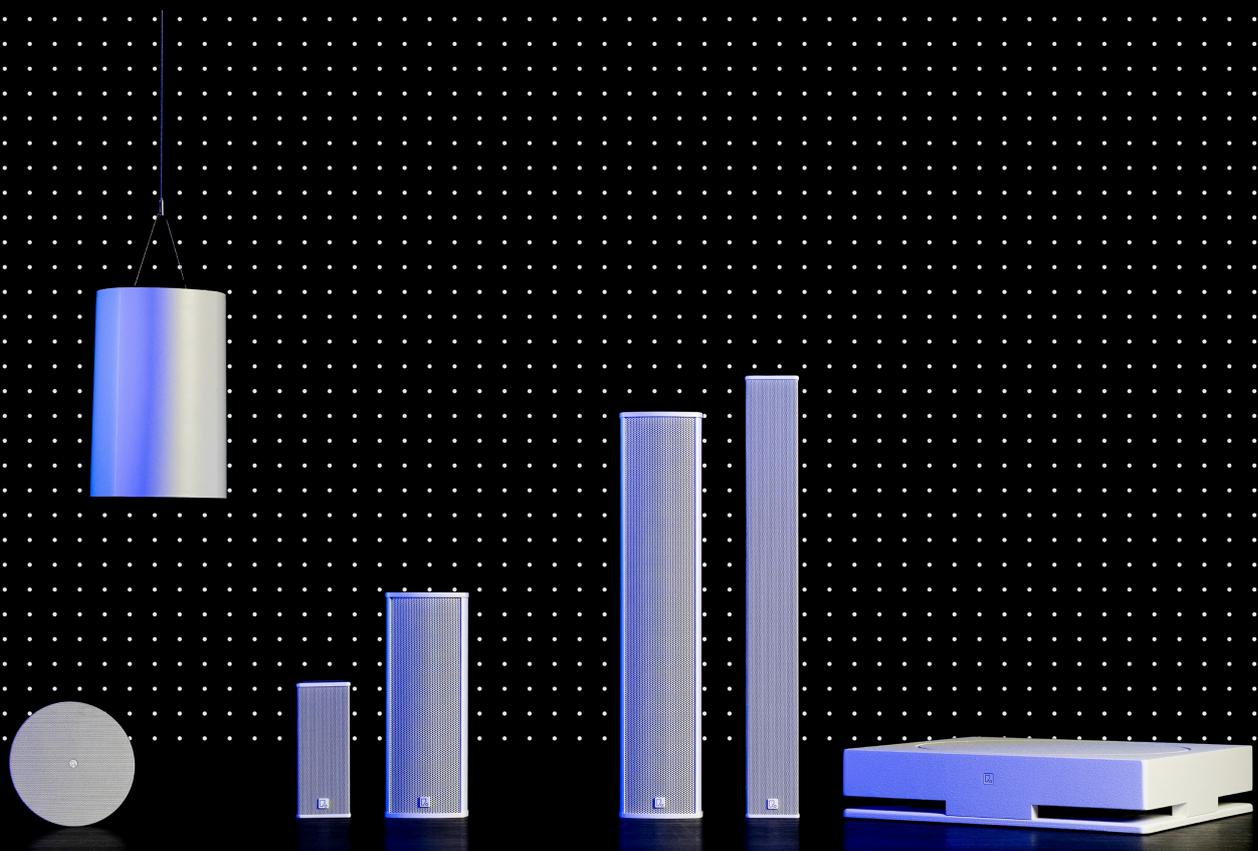


## Product insights

# A growing product range

Our Dante PoE platform is designed to grow. Building on the existing PoE+ loudspeakers, Fohhn is expanding the portfolio across all PoE power classes. Alongside new PoE-powered solutions that address additional installation scenarios, a new generation of PoE++ products will further extend performance and system capabilities.

The current range consists of the SL-20 PoE+ and Scale-1 PoE+ loudspeakers (30 W). Upcoming additions will include PoE-powered ceiling and pendant speakers (15 W), as well as Scale-2 PoE++, the more powerful big brother of Scale-1, the FS-70 PoE++ beam steering system, and the IGS-4 PoE++ flat subwoofer.



PoE (15 W)

PoE+ (30 W)

PoE++ (60 W)



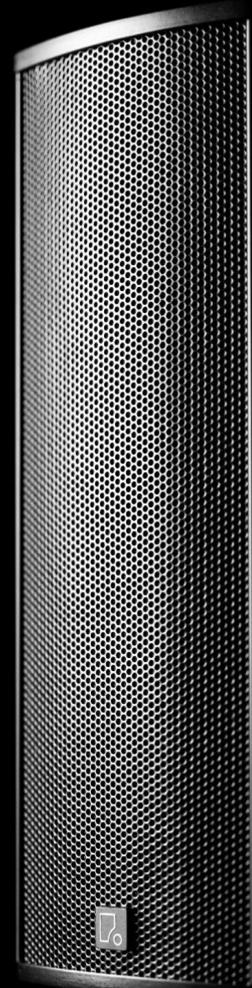
## Product insights

# Scale-1 PoE+

Scale-1 PoE+ is the versatile full-range model of our Dante PoE platform, delivering extended low-frequency response without the need for an additional subwoofer. It can be ordered in a custom length to match, for example, the dimensions of your screen.

### Key Features

- PoE+ loudspeaker (30 W RMS)
- Power, Dante audio, control & monitoring via one cable
- Fohhn DSP inside (EQ, Delay, Protection,...)
- 4" driver / 0.75" tweeter / Fohhn Sub Extension
- 44 Hz – 20 kHz
- 140° × 90° dispersion
- Compact housing with rear T-slot
- Optional custom finishes



0.75" dome tweeter



4" long excursion driver



Fohhn Sub Extension



## Product insights

# SL-20 PoE+

SL-20 PoE+ is the ultra-compact model of our Dante PoE platform, offering clear reproduction and impressive output from a remarkably small enclosure. Its discreet form factor makes it ideal for installations where minimal visual impact is required.

### Key Features

- PoE+ loudspeaker (30 W RMS)
- Power, Dante audio, control & monitoring via one cable
- Fohhn DSP inside (EQ, Delay, Protection,...)
- 2 × 2.5" drivers / 0.75" tweeter
- 86 Hz – 20 kHz
- 160° × 80° dispersion
- Compact housing with rear T-slot
- Optional custom finishes





## Product insights

# The upcoming products



### Ceiling speaker IG-104 PoE

15 W PoE power  
4" broadband  
55 Hz – 20 kHz



### Pendant speaker IG-104 free PoE

15 W PoE power  
4" broadband  
55 Hz – 20 kHz



### Fullrange system Scale-2 PoE++

60 W PoE++ power  
2 × 4" woofer  
0,75" dome tweeter  
2 × Fohhn Sub Extension  
133 × 655 × 128 mm



### Beam Steering system FS-70 PoE++

60 W PoE++ power  
4 × 2,5" chassis  
Passive radiator  
85 × 700 × 90 mm  
Fohhn Beam Steering



### Flat subwoofer IGS-4 PoE++

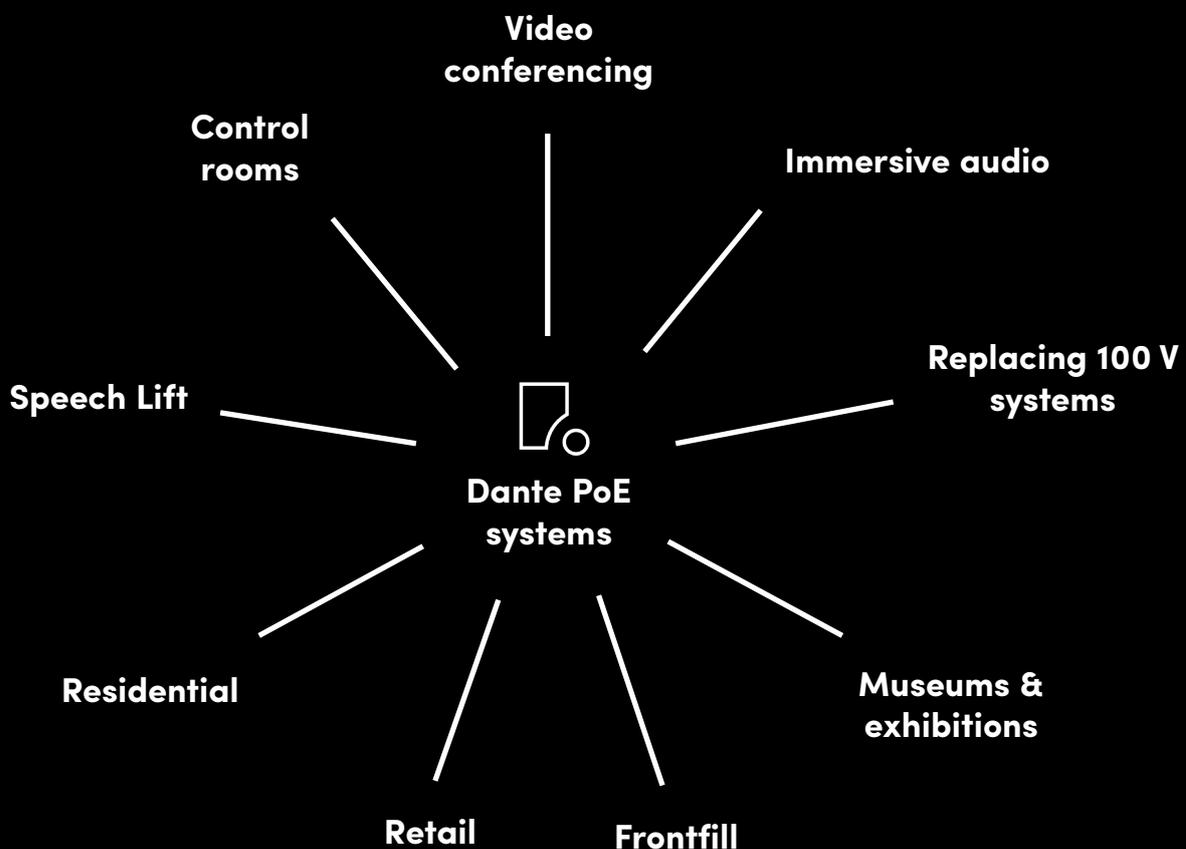
60 W PoE++ power  
4 × 4" woofer  
4 × passive radiator  
Ceiling/wall mounting



## Use Cases

# A wide field of applications

Fohhn PoE speakers are ideal for applications requiring high audio quality and simple, network-based installation. Typical use cases include control rooms, video conferencing spaces, and Voice Lift applications, where managed services enable centralized system monitoring. They are also well suited for immersive audio or multi-zone installations in museums, exhibitions, and hospitality environments, providing consistent atmospheric sound with minimal cabling. In addition, Fohhn PoE solutions can replace traditional 100 V systems, offering a fully digital public address and voice announcement platform for venues such as theatres, opera houses, parliaments, and corporate facilities.





## First projects completed Volksoper, Austria

At the Volksoper Vienna, Fohhn Dante PoE solutions replaced the old 100-V system in summer 2025, covering foyers, corridors, cloakrooms, ticket hall, and entrances. The installation includes 29 Scale-1 PoE+ and 34 SL-20 PoE+ loudspeakers, all powered via Power over Ethernet and individually controllable through Dante. Custom recessed mounts ensure seamless integration with the architecture, while the system delivers centrally controlled public address, background music, and emergency announcements.

“The goal was to achieve high-quality sound throughout all public areas,” says Martin Lukesch, Head of Audio and Media Technology at the Volksoper Vienna. “With Fohhn Dante PoE, every loudspeaker can be individually monitored and adjusted from a single workstation, and the sound quality now matches that of the auditorium – precisely the control and performance we needed.”



↪ 1. BALKON LOGEN

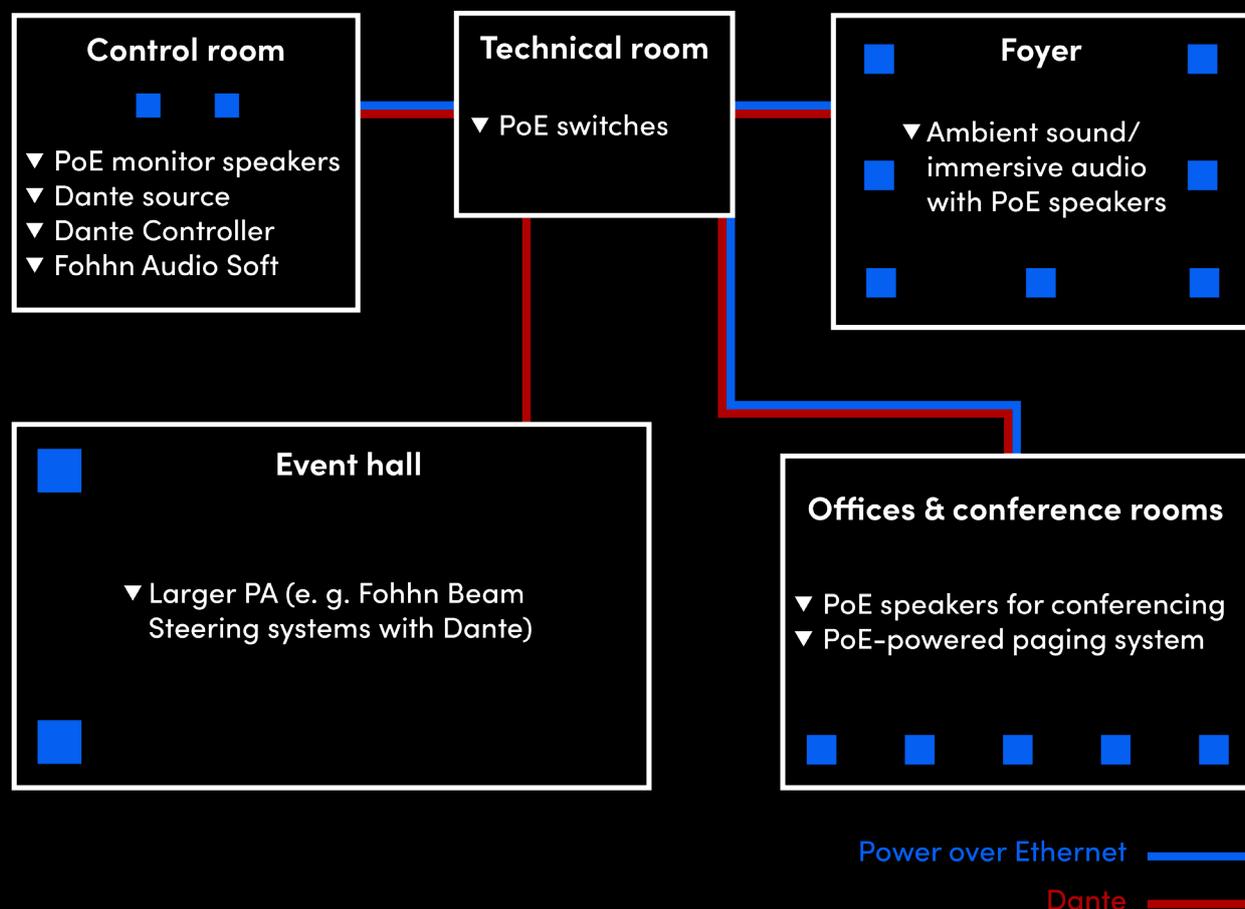


## An ecosystem

# Seamless connectivity

Fohhn Dante PoE speakers connect across building and AV networks using Dante and Fohhn Net, distributing audio, control, and power over a single Ethernet connection.

In a control room, Dante PoE speakers can serve as a stereo monitoring system. Dante-enabled media sources are routed over the network, with configuration and monitoring via a PC running Dante Controller and Fohhn Audio Soft. PoE switches in the technical room provide power and network connectivity to all devices. In the foyer, PoE speakers can deliver background playback. The event hall integrates larger PA systems, such as Fohhn Focus Venue, via Dante. Offices and conference rooms use PoE speakers, which can also form a paging system.



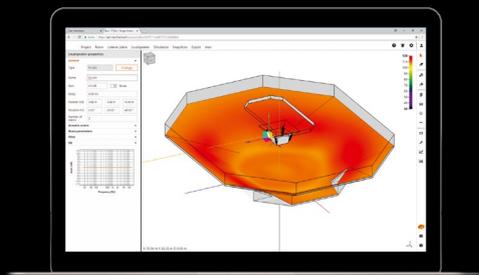


# Software for your project

## The Fohhn Workflow

The Fohhn Workflow seamlessly connects planning, configuration, and tuning of your audio system into one intuitive process.

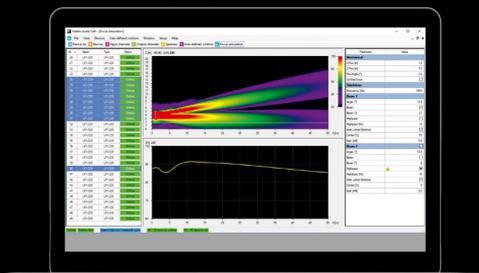
It begins with Fohhn Designer, which enables precise 3D simulation and acoustic planning of your venue and speaker setup. Next, Fohhn Audio Soft handles full system configuration and Fohhn DSP control, providing real-time visualization and management of all Fohhn devices including Fohhn Beam Steering Technology. Finally, Fohhn Optimizer easily fine-tunes the EQ according to the local room acoustics, ensuring optimal and consistent sound performance across any project.



### Simulation

## Fohhn Designer

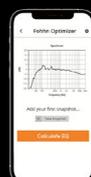
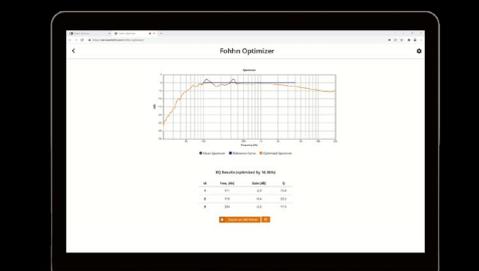
Browser-based 3D acoustic simulation software for all Fohhn systems



### Control

## Fohhn Audio Soft

central software for displaying and controlling all Fohhn device parameters



### Tuning

## Fohhn Optimizer

Web tool for quick tuning of a speaker system via smartphone

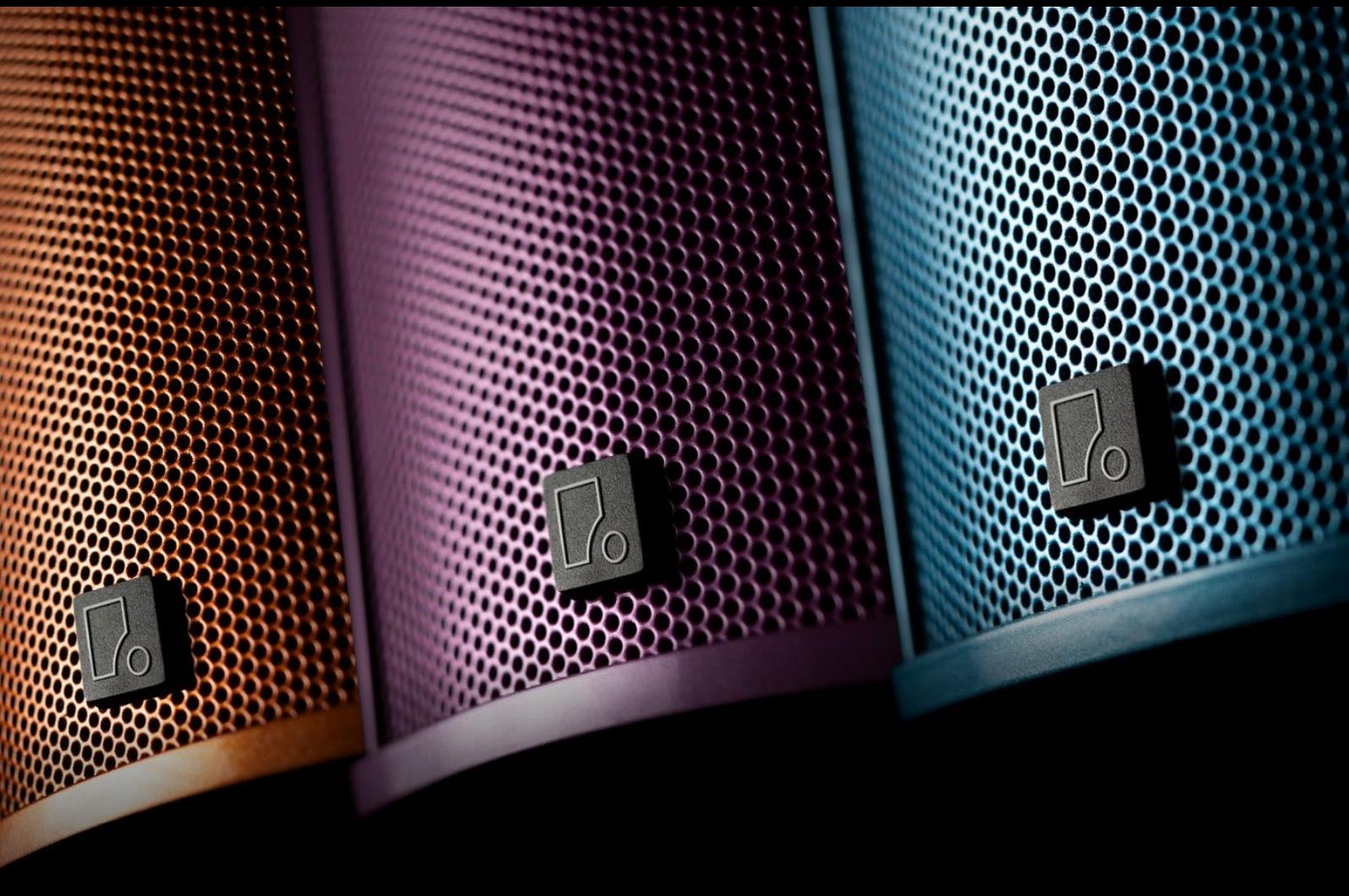


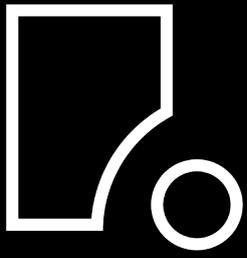
Fohhn Customizing

## Special request welcome!

Fohhn Dante PoE speakers offer exceptional customizing options for seamless visual integration. In addition to black and white, enclosures are available in custom RAL, NCS, or Pantone colors, as well as special brushed, textured, or metallic finishes. With Fohhn Texture Design, photorealistic surfaces inspired by wood, stone, or metal create a perfectly harmonious appearance.

The enclosure lengths of all Scale products can be customized to match a screen or niches. This outstanding flexibility allows Fohhn Dante PoE systems to blend discreetly into any environment while providing a highly individual and refined look.





[www.fohhn.com/poe](http://www.fohhn.com/poe)

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