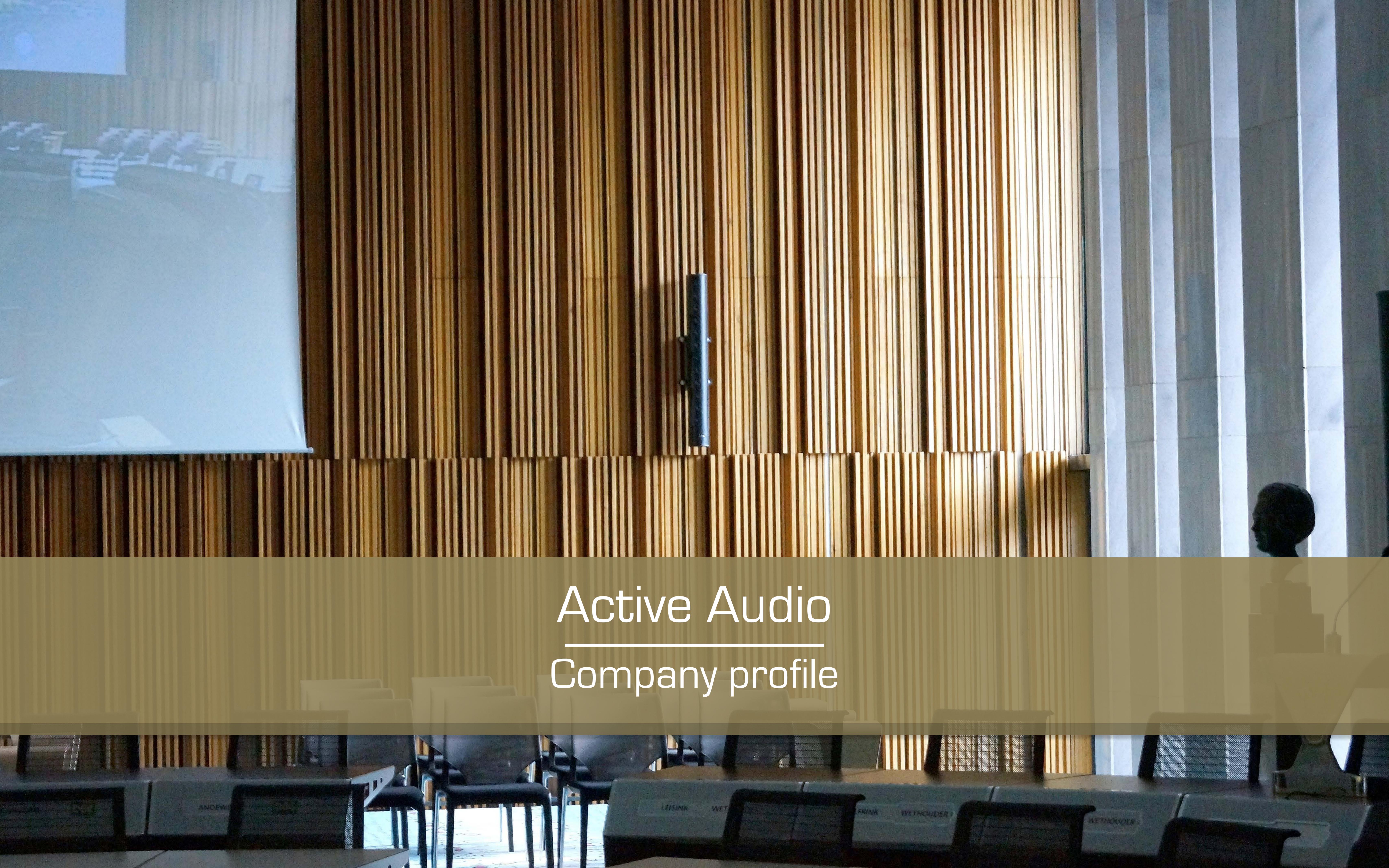




L'acoustique active



A large, modern lecture hall with tiered seating and a wooden slat wall.

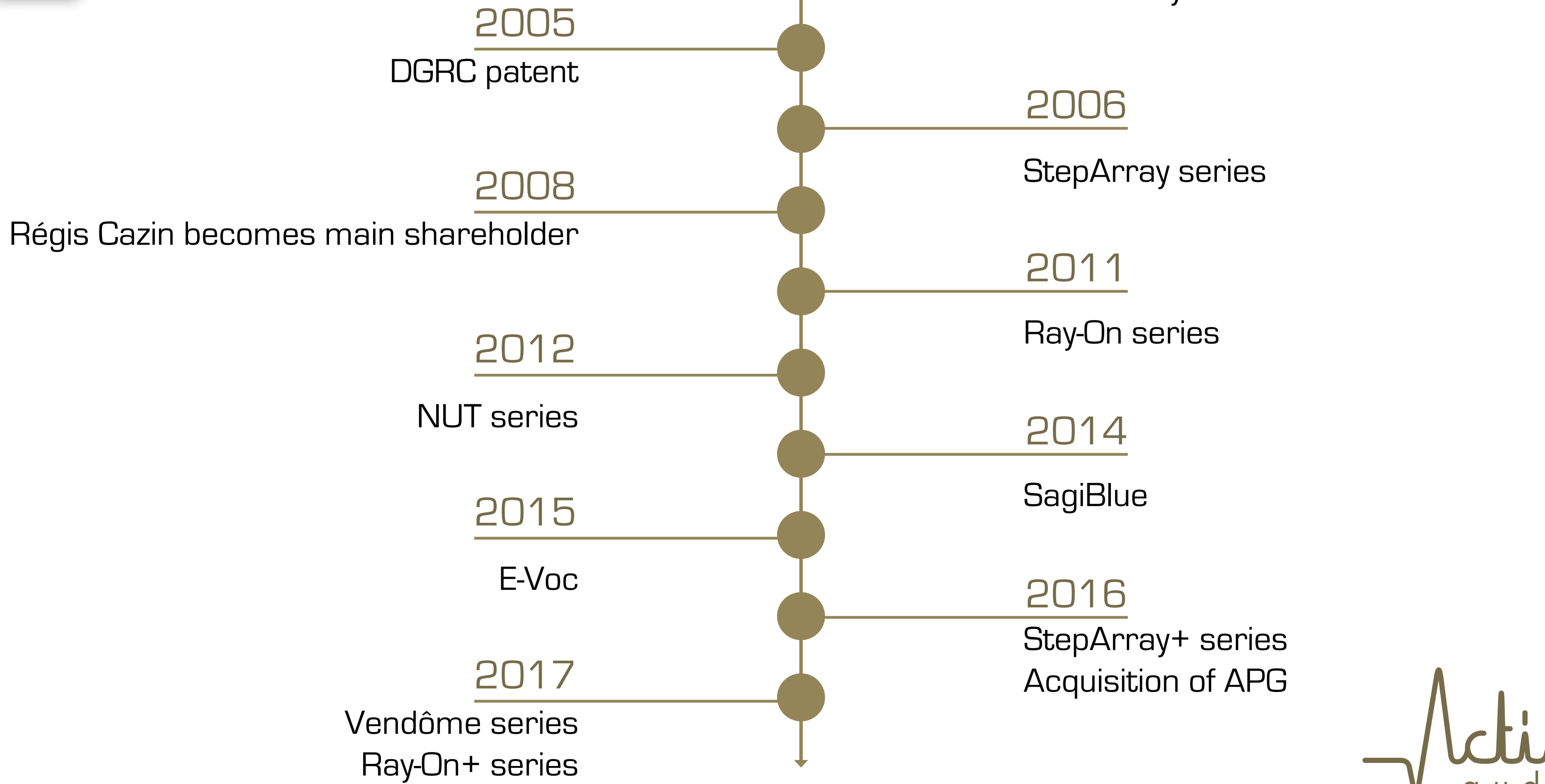
# Active Audio

---

Company profile

# Company profile

## Timeline



# Company profile

## Philosophy



Making the lives of our clients and final users easier



Consistent quality is our priority

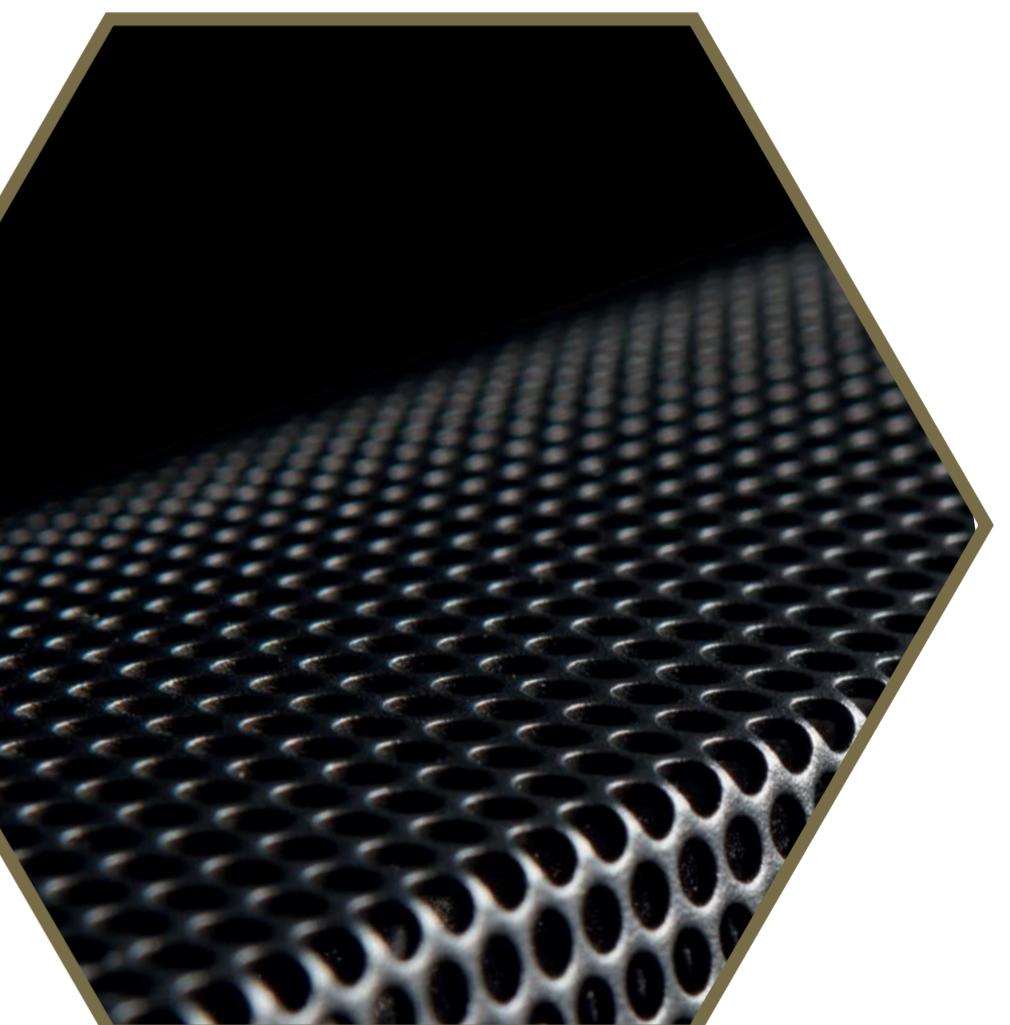
Implementing advanced technologies in user-friendly products



Acoustic performance is always a prerequisite



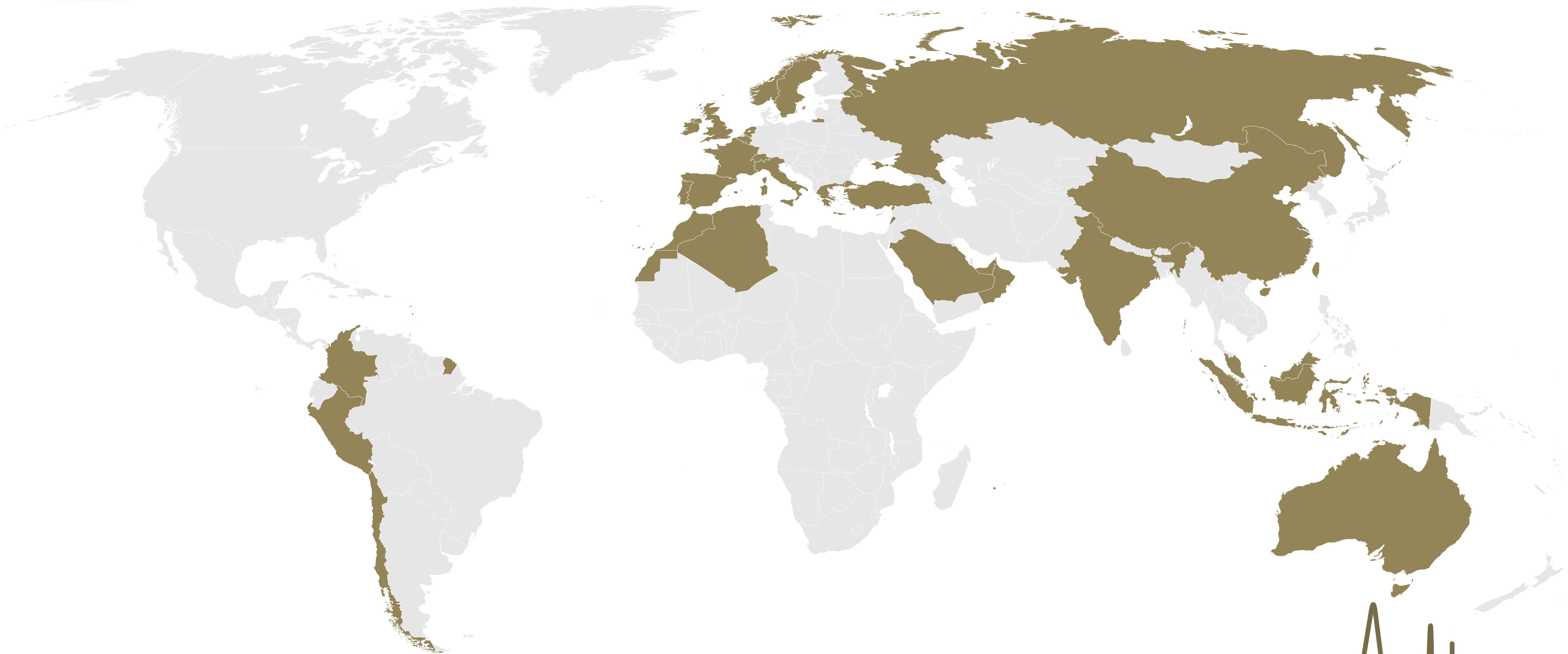
Designing products that are innovative, elegant, different



Bringing our clients the service they need

# Company profile

## Distribution network





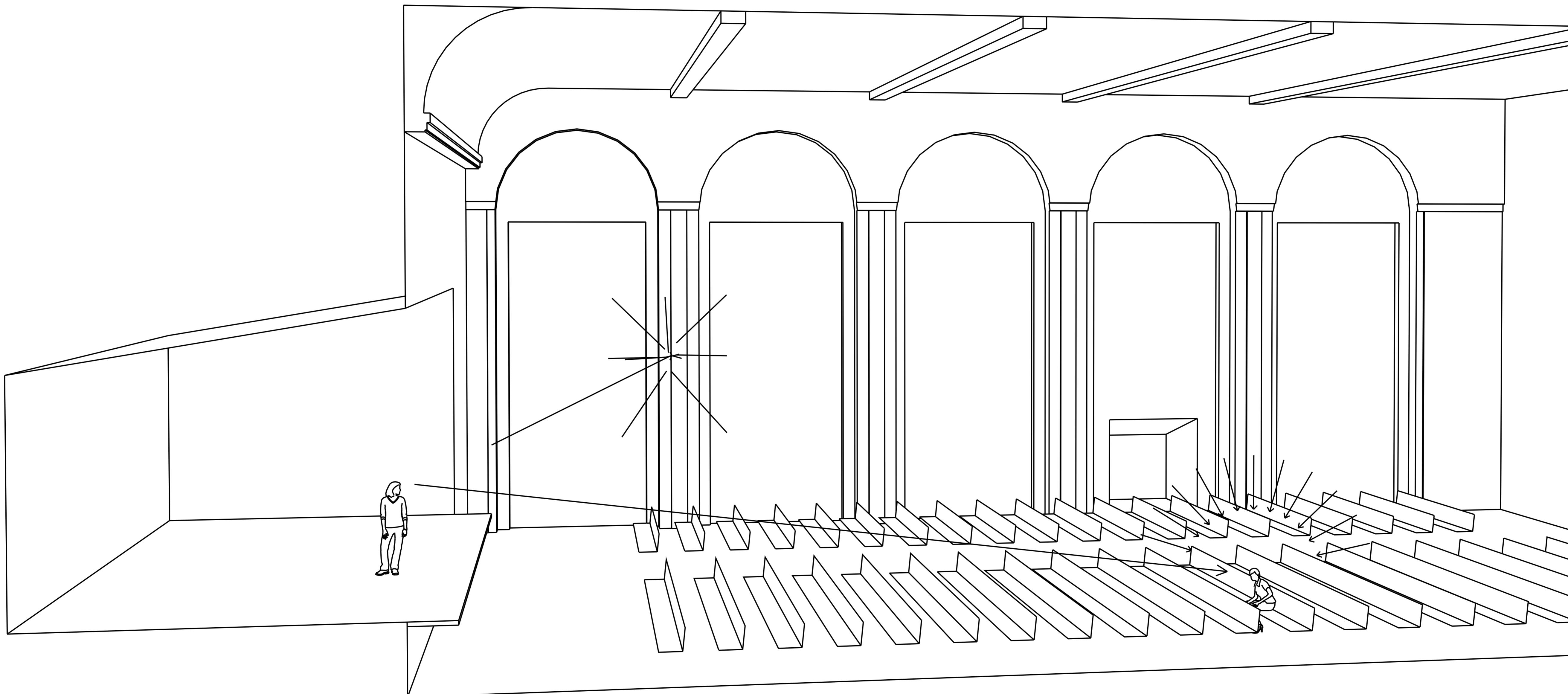
Sound Reinforcement

---

In large volumes

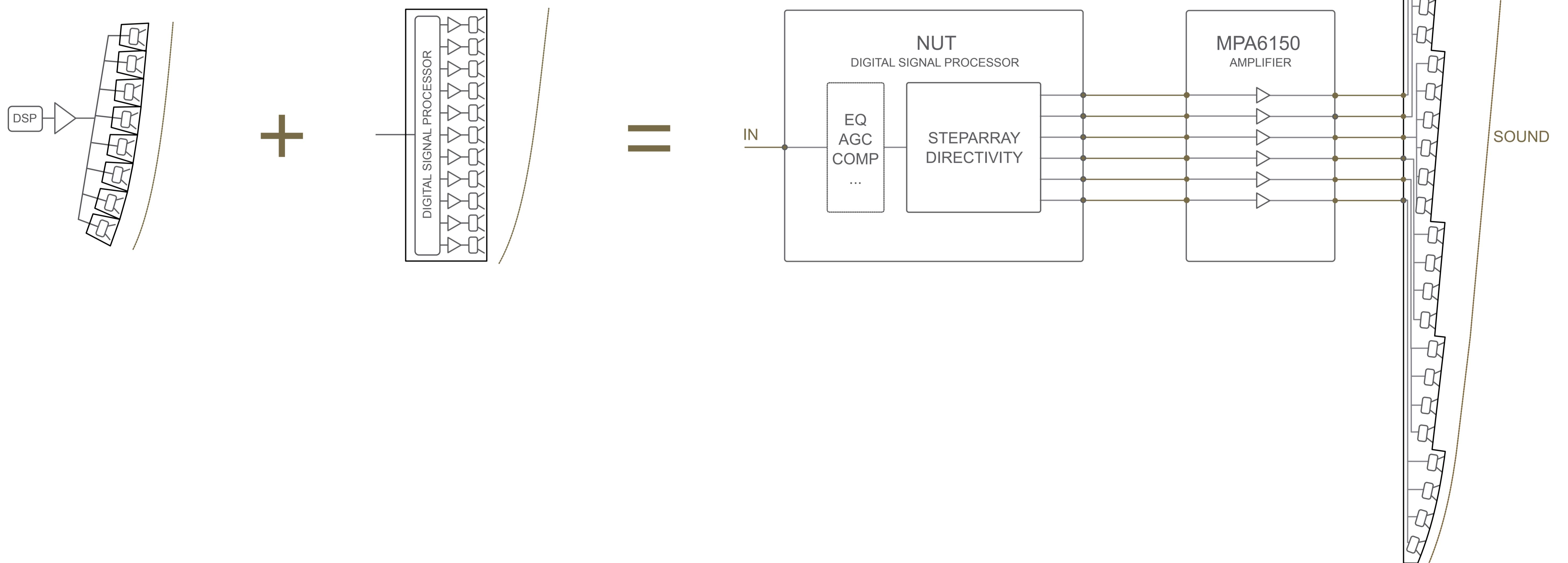
# Sound reinforcement in large volumes

Enhancing direct sound



# Sound reinforcement in large volumes

## DGRC patent



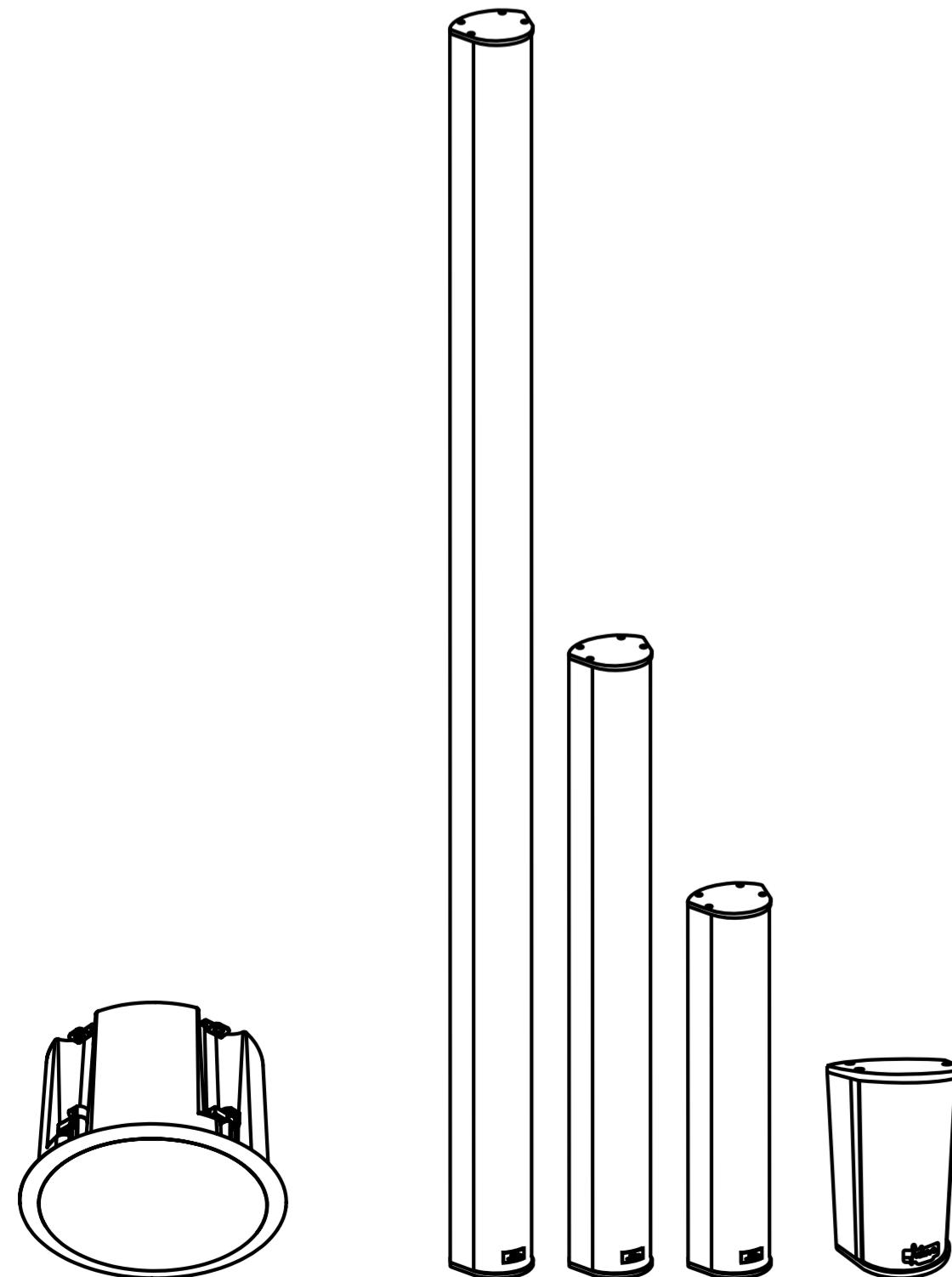
active  
audio

# Sound reinforcement in large volumes

## Products range

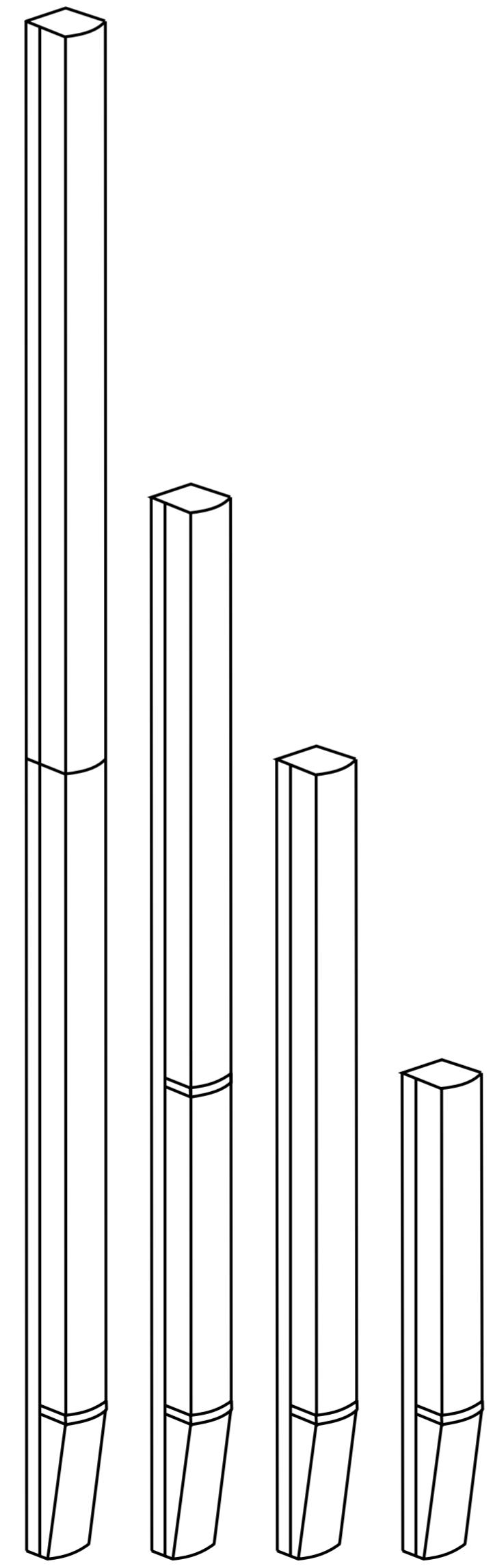
Passive loudspeakers

Ray-On series  
CL62 series



DSP loudspeakers

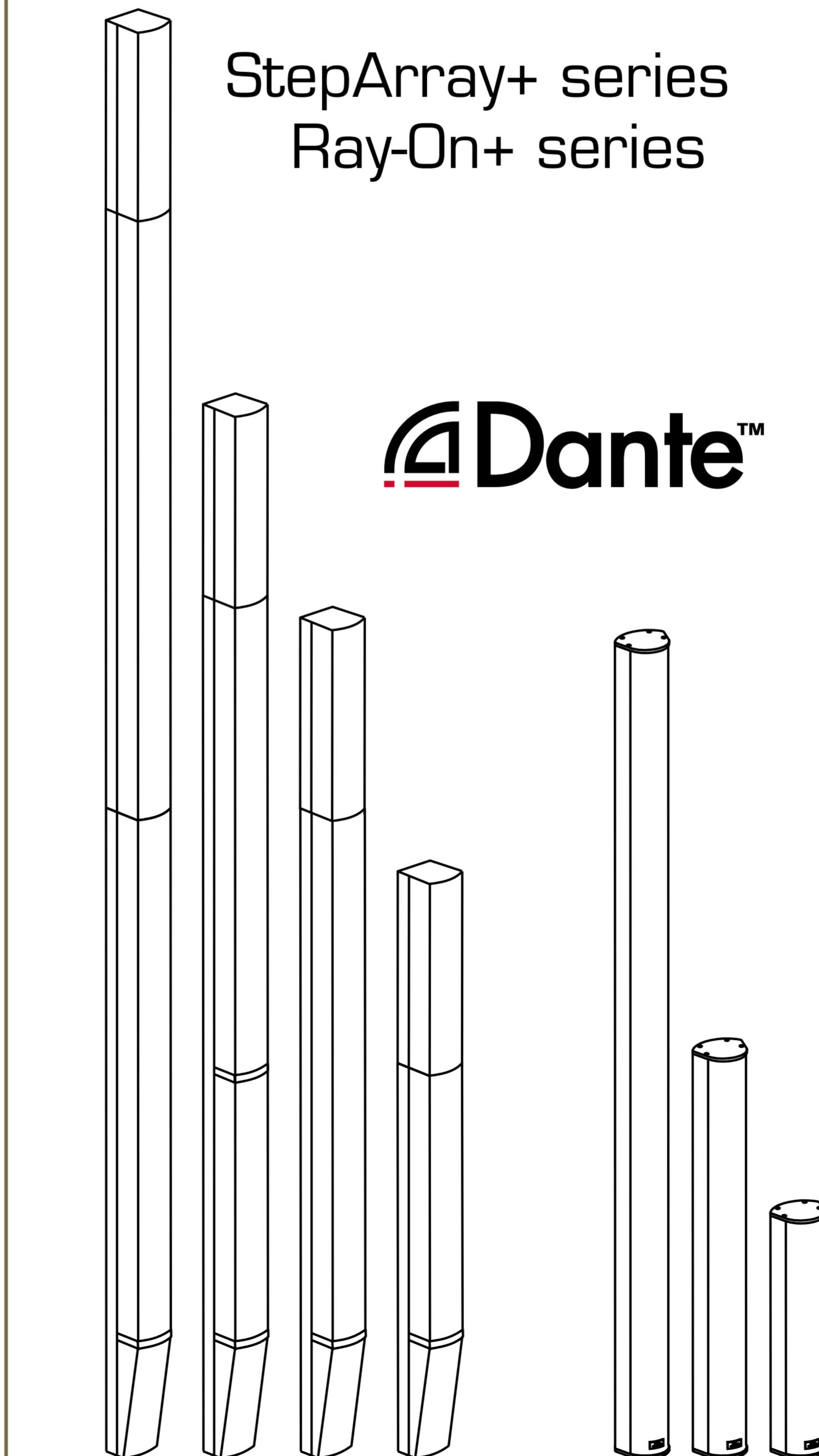
StepArray series



Dante-enabled loudspeakers

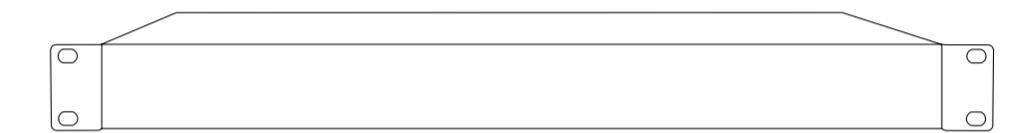
StepArray+ series  
Ray-On+ series

 **Dante™**

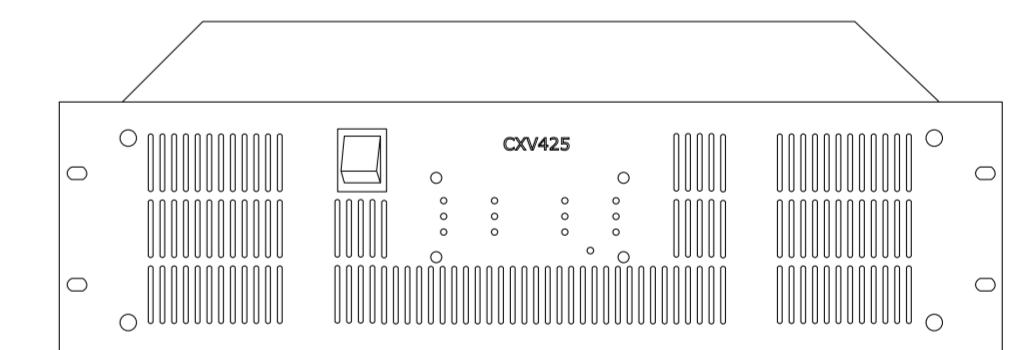
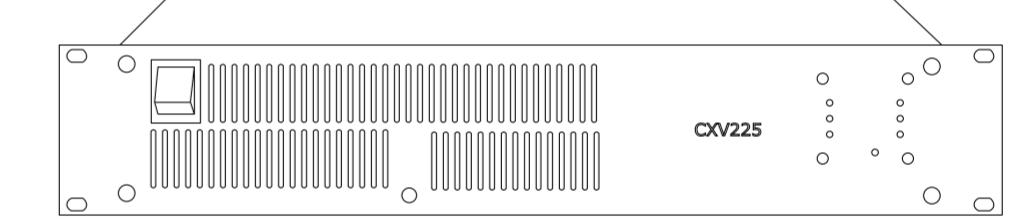
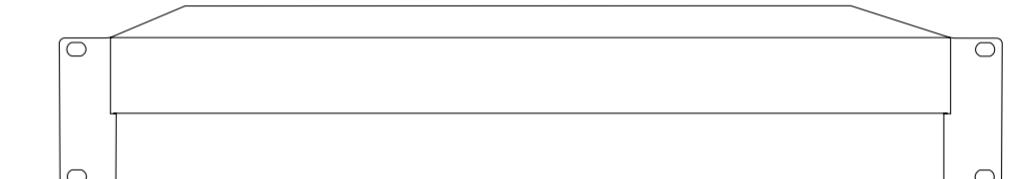


Electronics

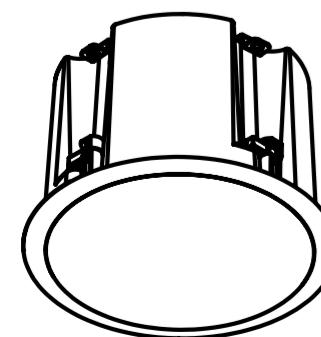
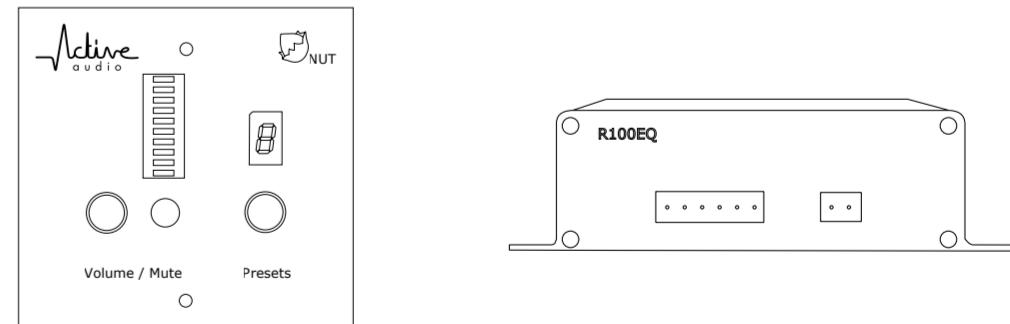
Audio processors



Amplifiers



Accessories







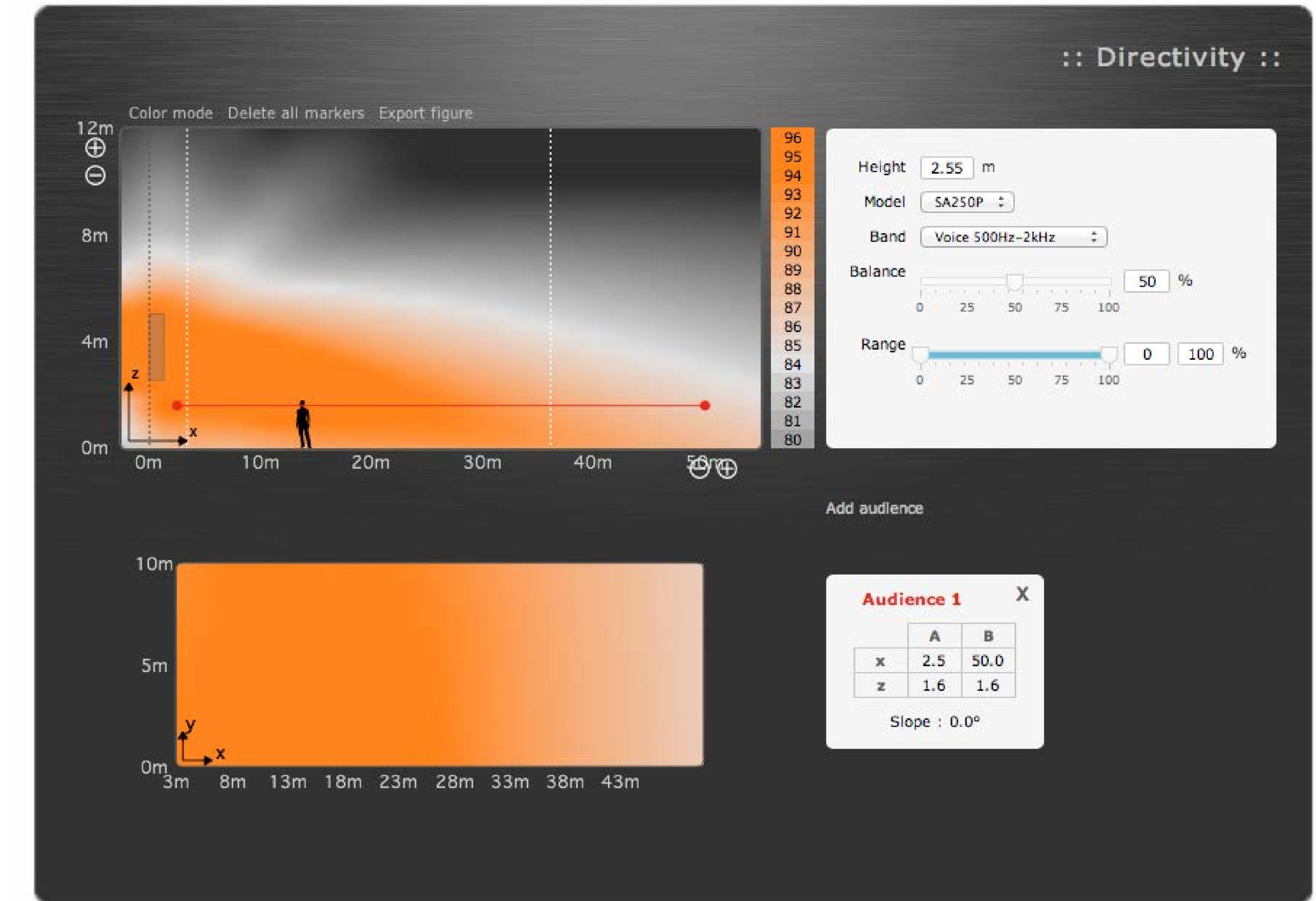
StepArray

---

Digitally steerable column loudspeakers

# StepArray series

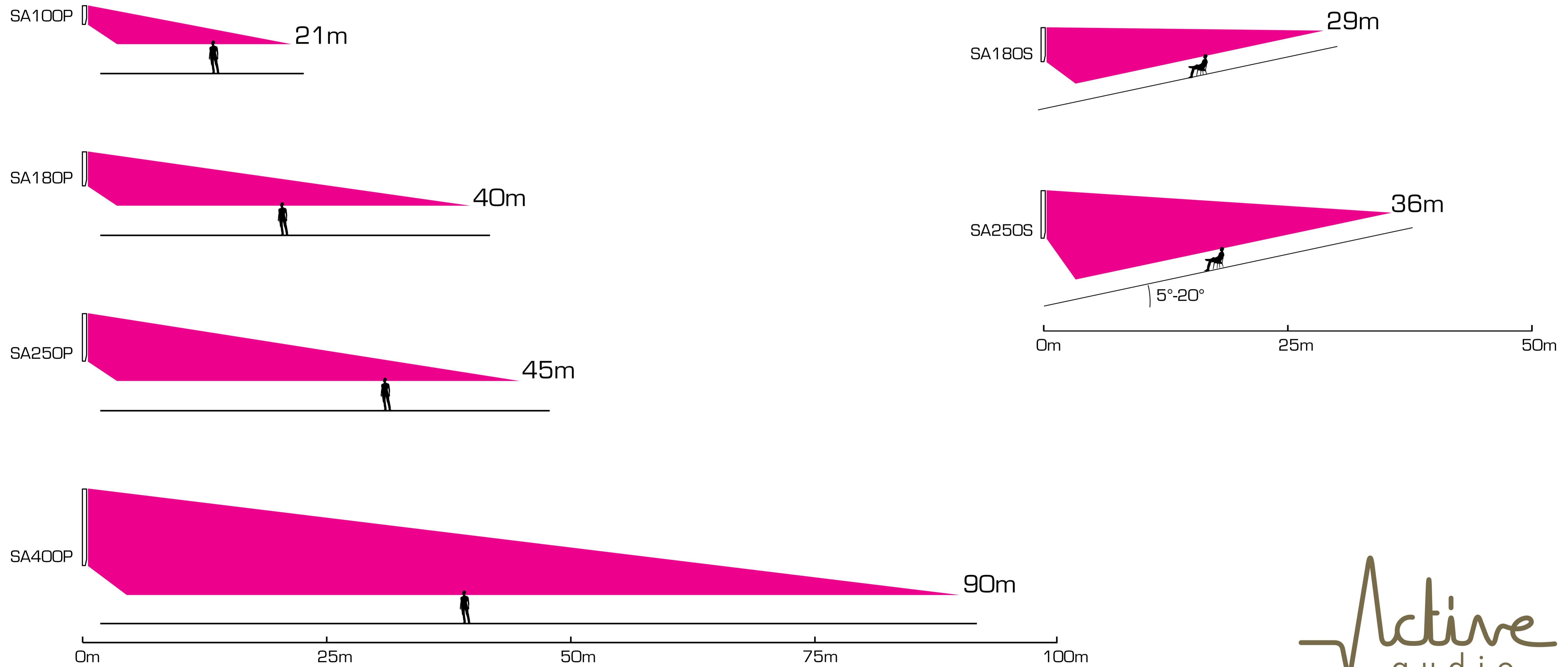
## Overview



active  
audio

# StepArray series

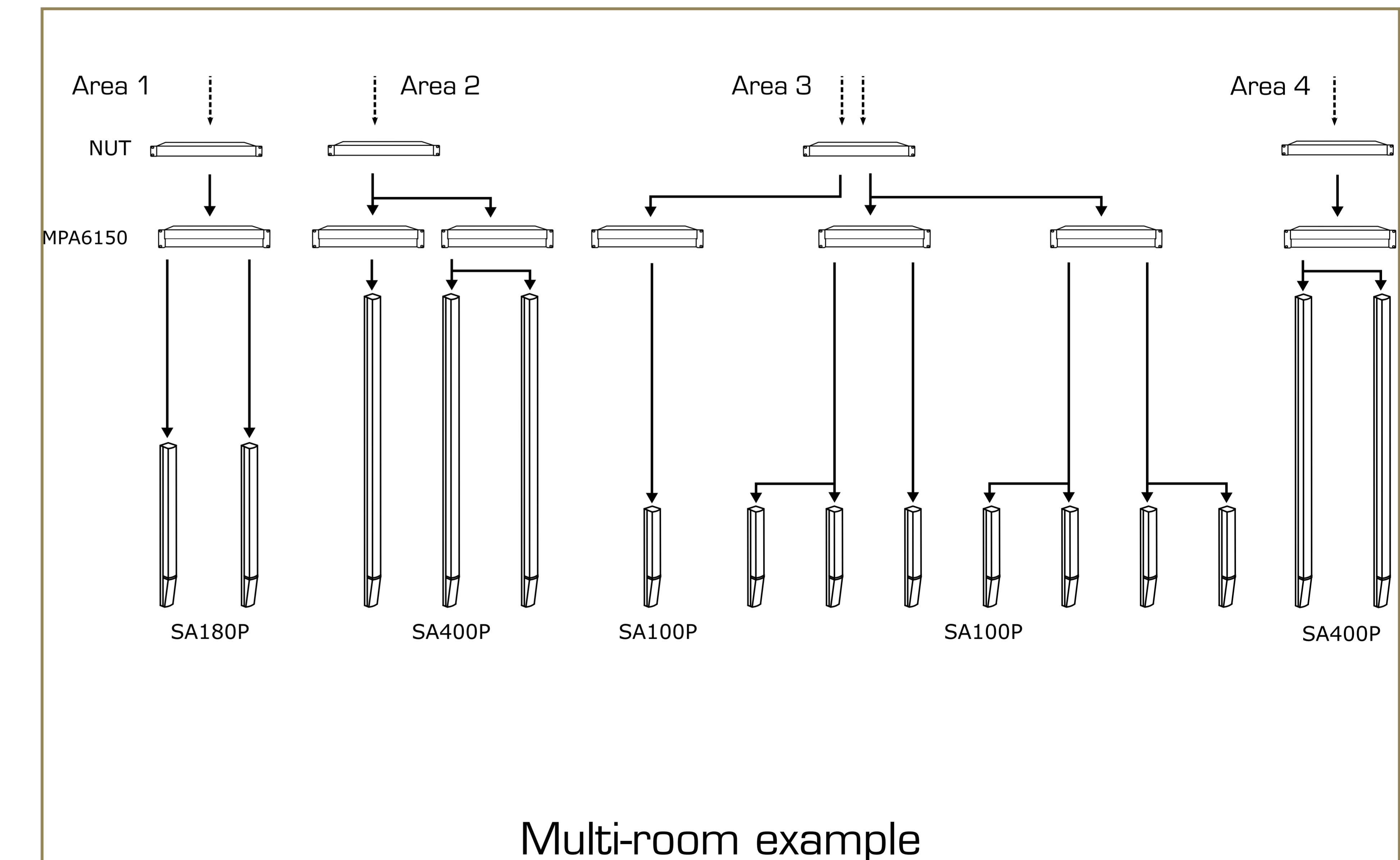
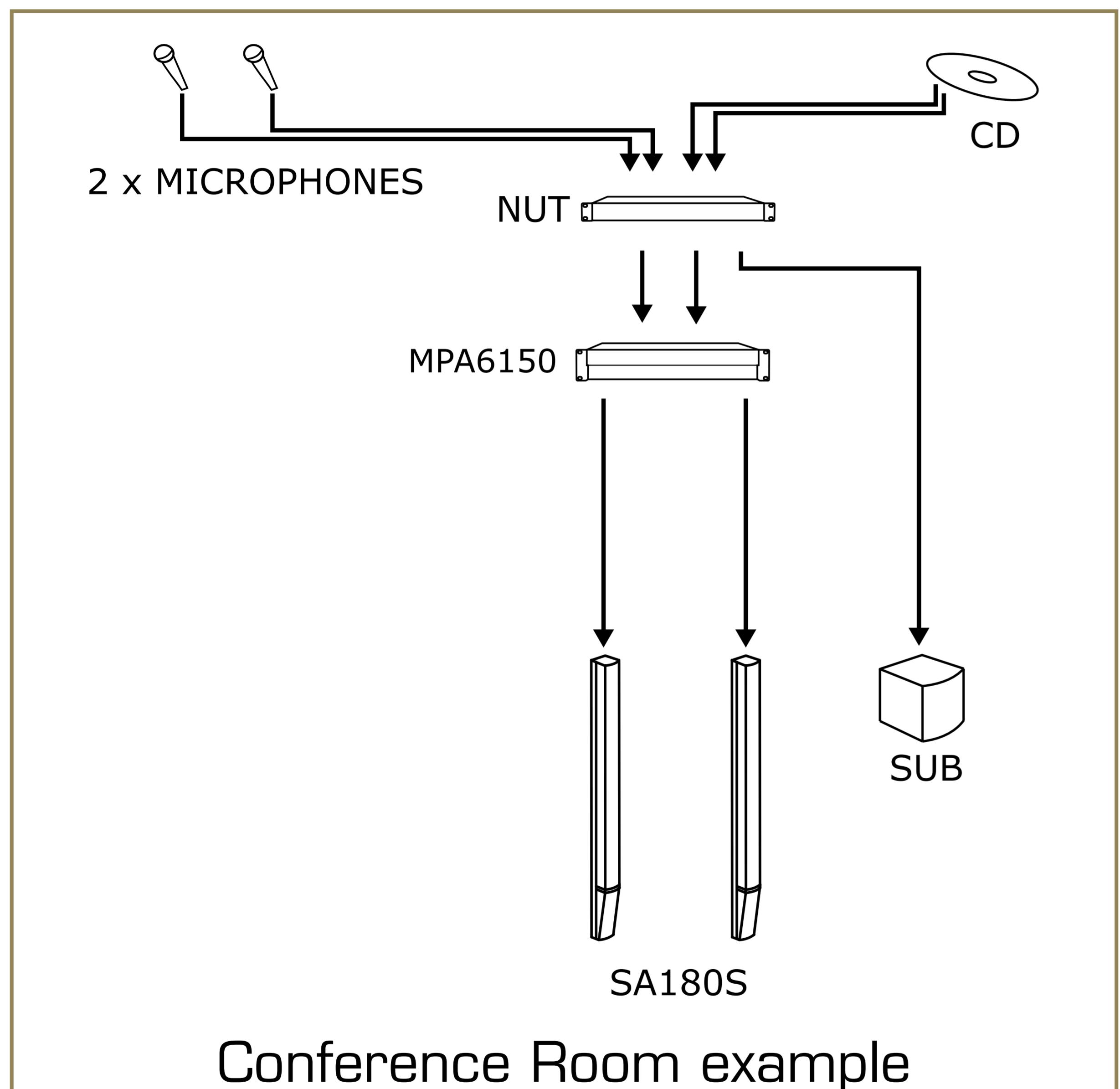
## Range



active  
audio

# StepArray series

## Basics





## Real world Examples

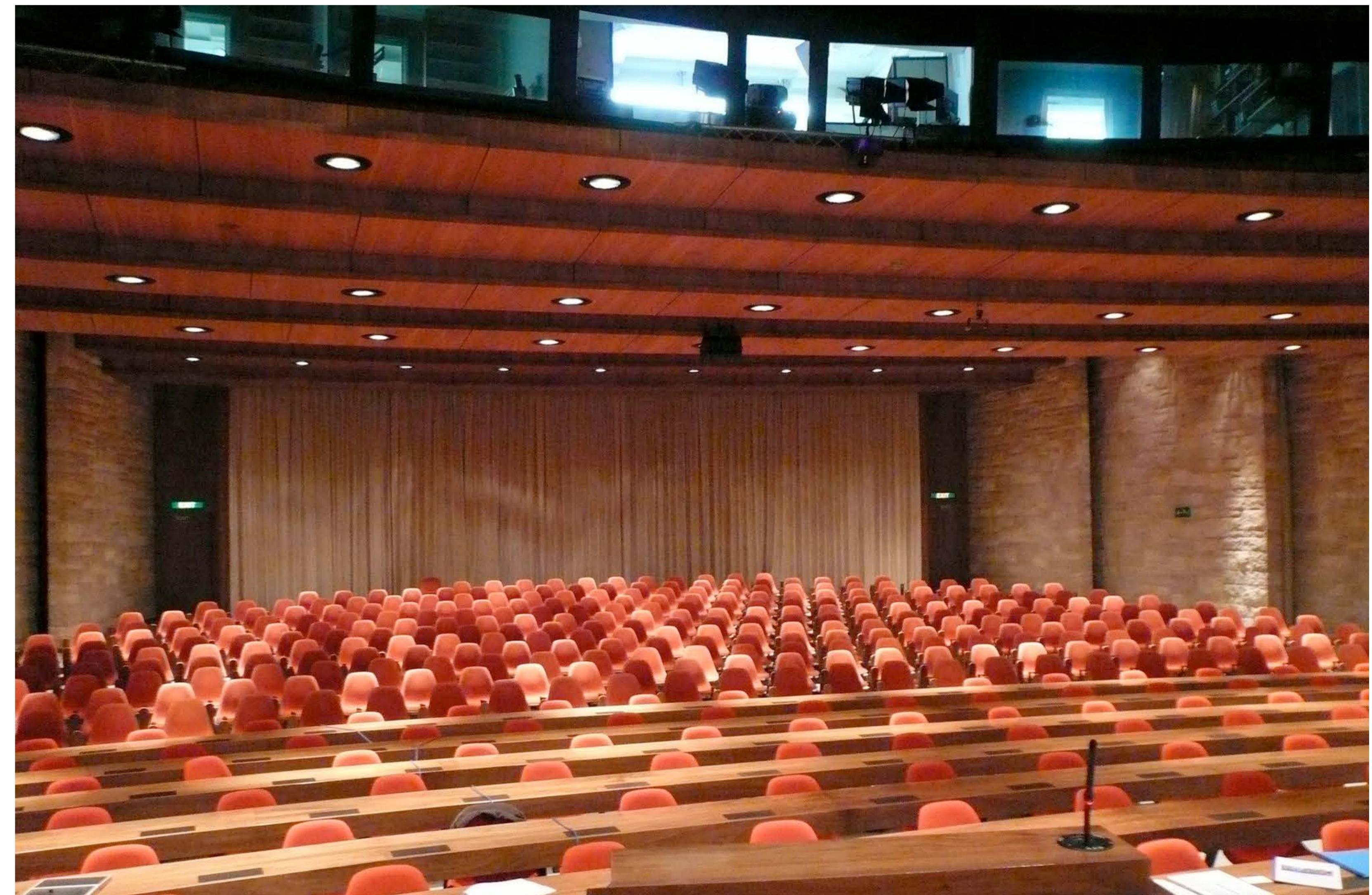
Room of Emirates in United Nations Headquarters, Geneva

# StepArray series

## Real world examples - Conference Room



Notaries School, Paris



Novartis, Basel, Switzerland

# StepArray series

## Real world examples - Conference Room



KV Zurich Business School (Zürich, Switzerland)



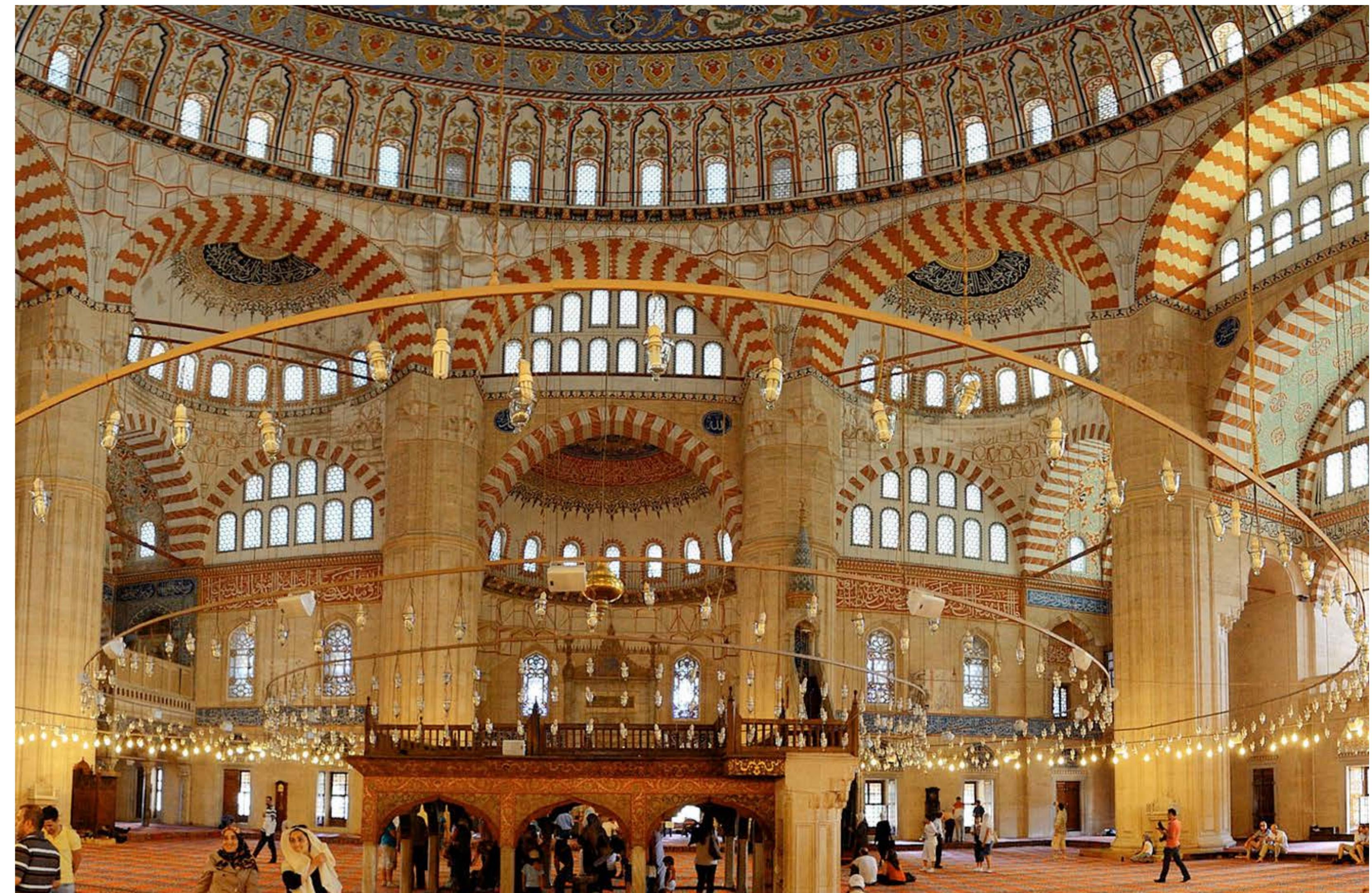
La Sorbonne University, Paris

# StepArray series

## Real world examples - Houses of worship



St Pierre Cathedral, Nantes, France



Suleymaniye mosque, Istanbul, Turkey

# StepArray series

## Real world examples - Houses of worship



Combloux Church, France



Lady of Mount Carmel, Philippines

# StepArray series

## Real world examples - Transportation Hubs



Paris Montparnasse Railway Station, Paris



Perth Railway Station, Australia

# StepArray series

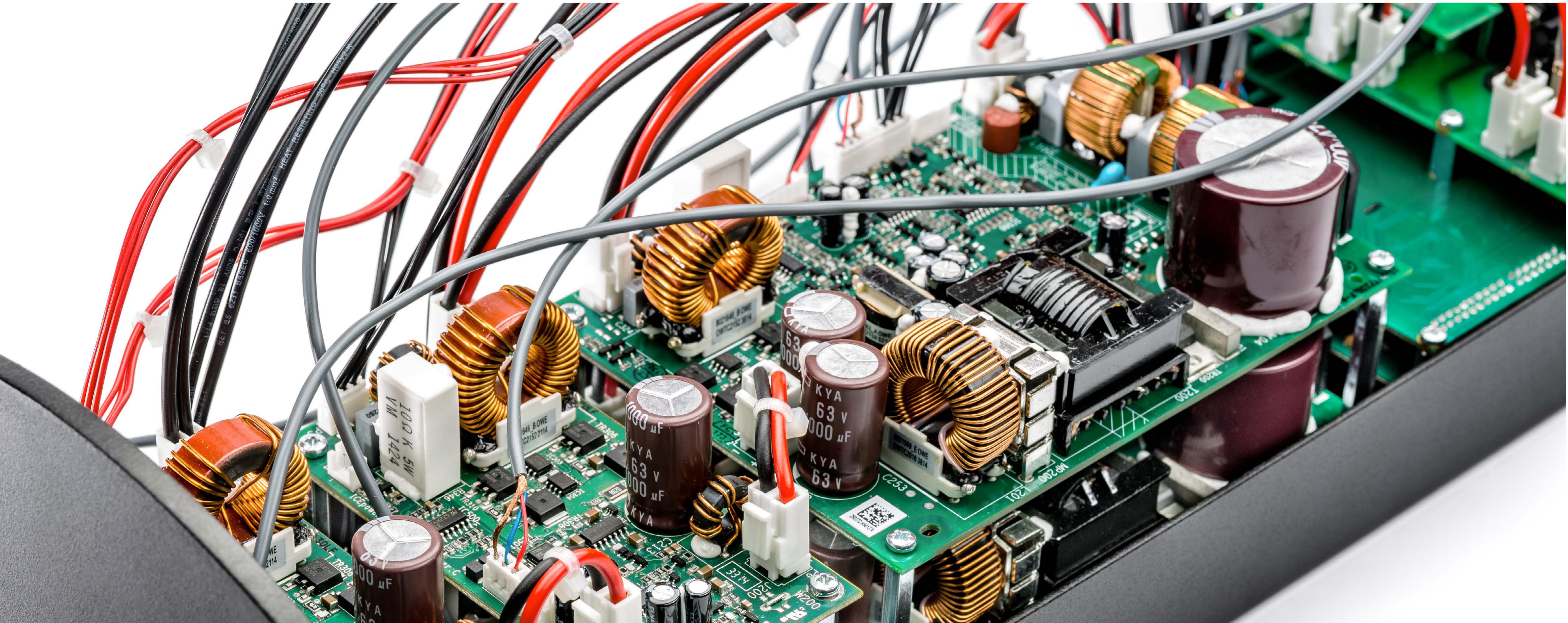
## Real world examples - Transportation Hubs



Nancy Railway Station, France



Lille Europe Railway Station, France



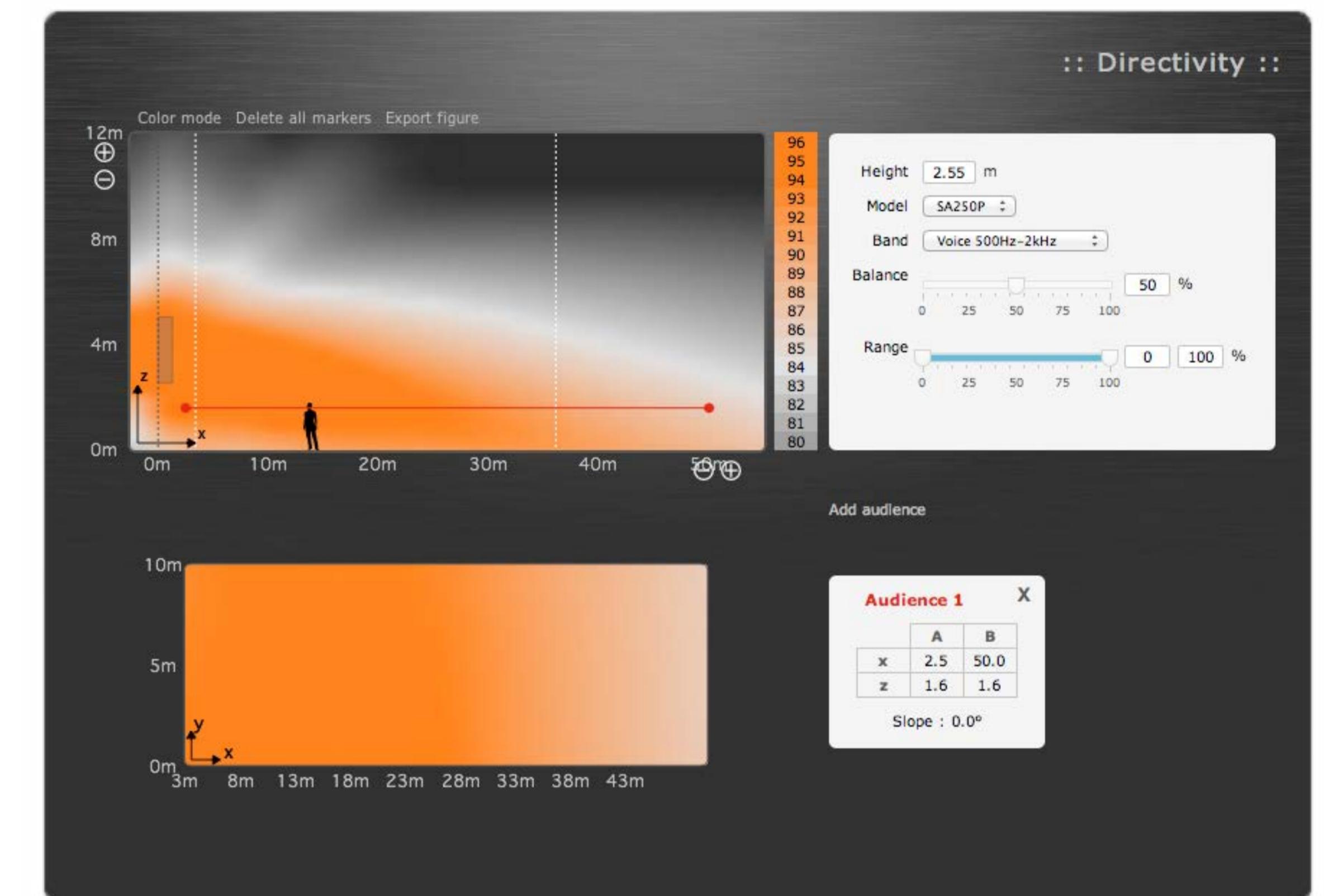
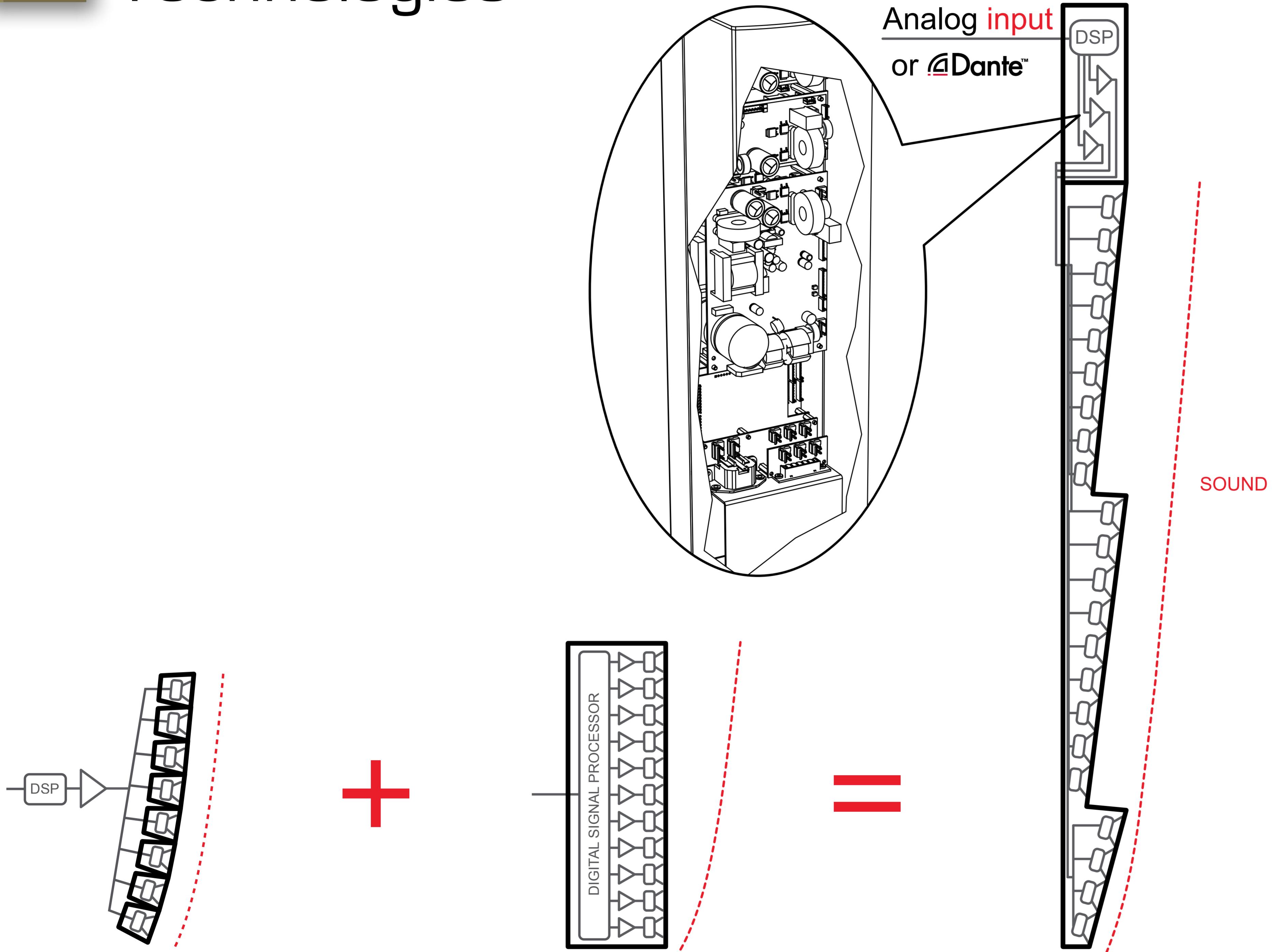
# StepArray+

---

Self-powered digitally steerable column loudspeakers

# StepArray+ series

## Technologies



# Geometric Array

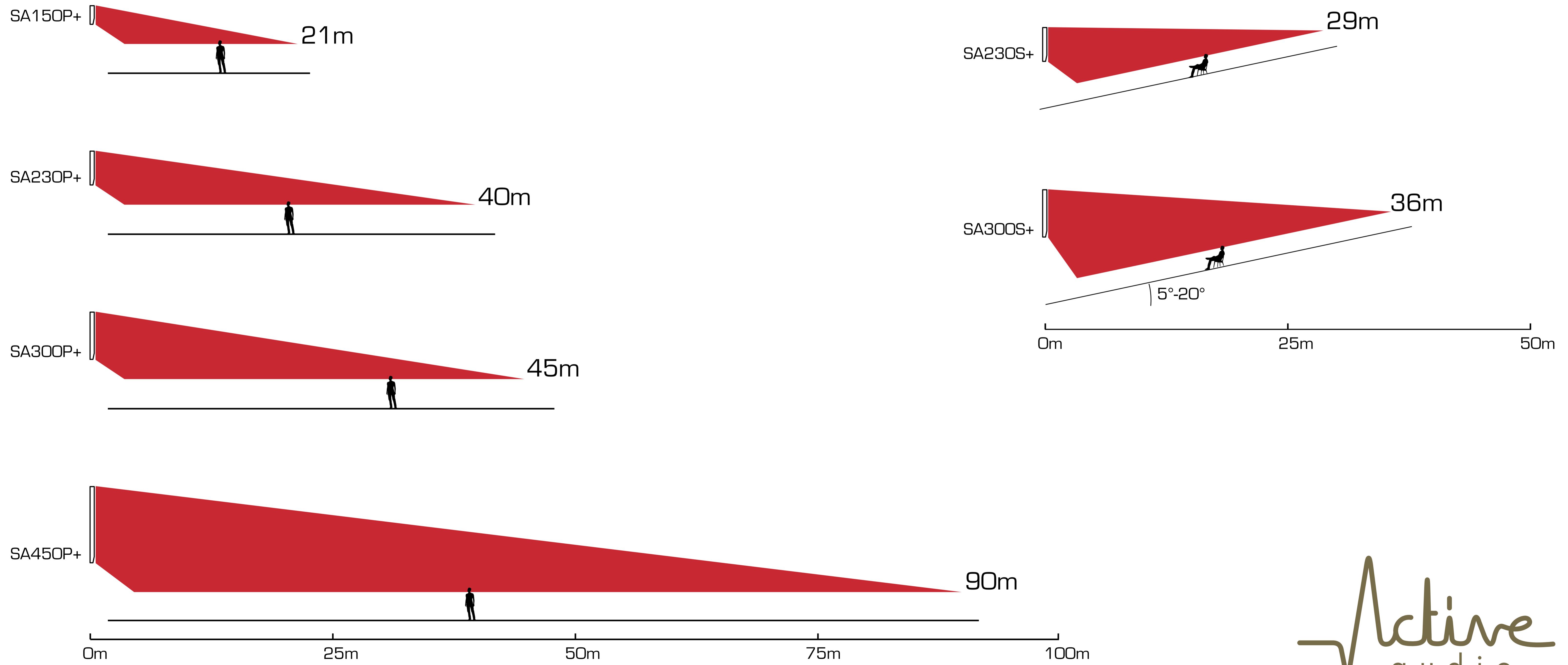
# Electronic Array

# DGRC Array

The logo for Active audio features the word "active" in a large, flowing, brown cursive font. To the left of the "a", there is a brown line that starts low, goes up to form the peak of the letter "t", then down to form the tail of the "t", and finally up again to form the start of the "i". Below "active", the word "audio" is written in a smaller, brown, sans-serif font.

# StepArray+ series

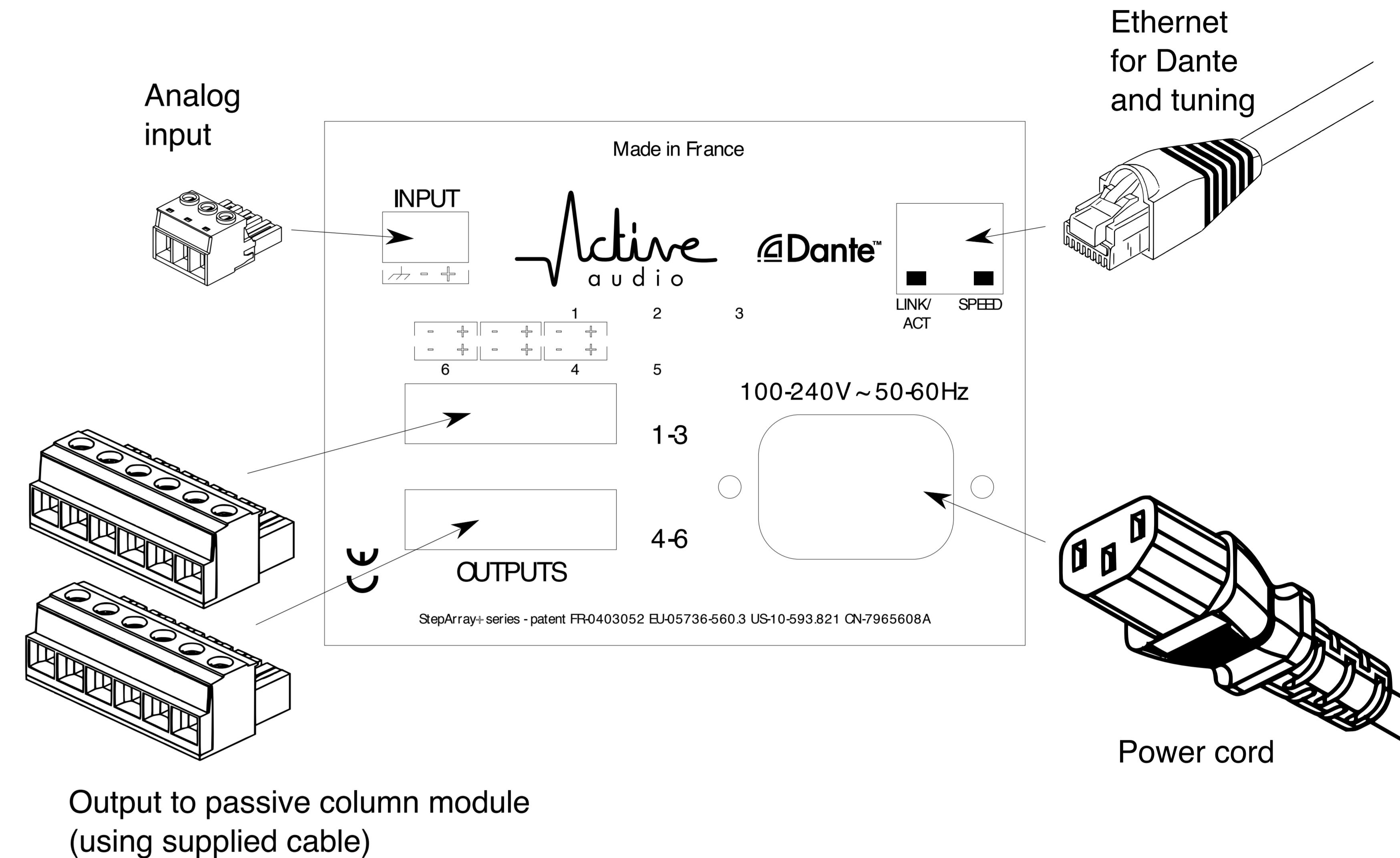
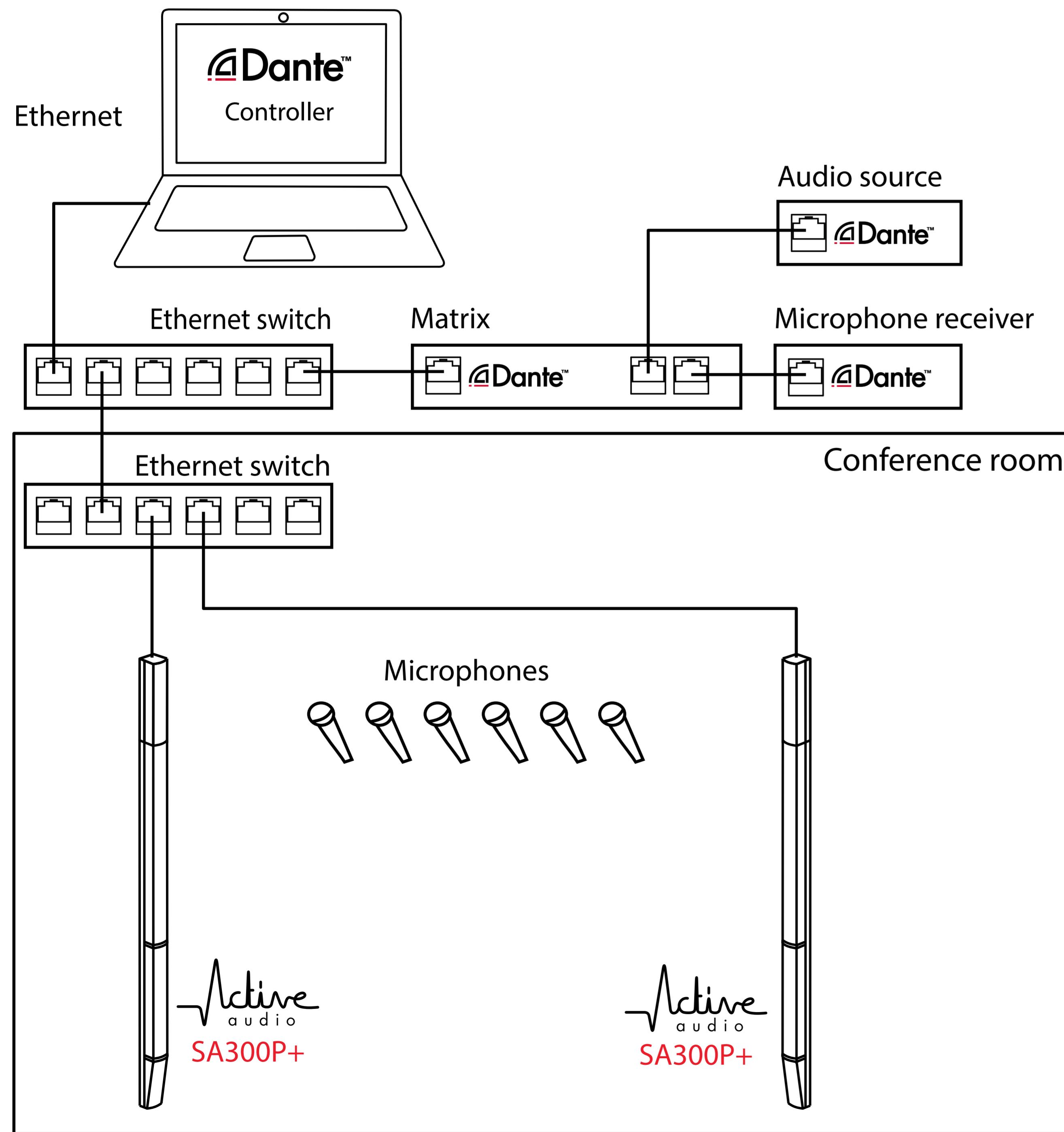
## Range



active  
audio

# StepArray+ series

## Basics



**active**  
audio

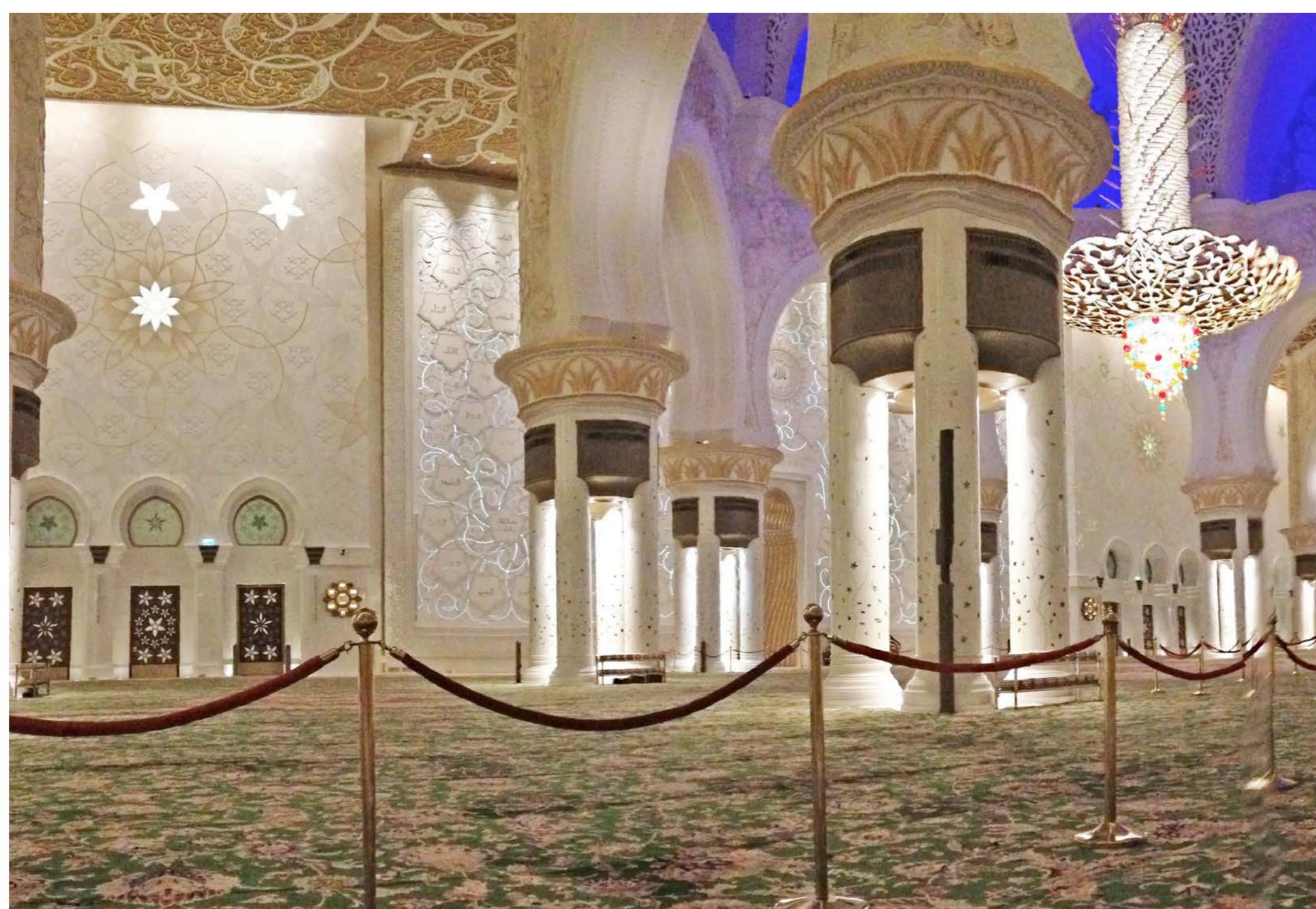
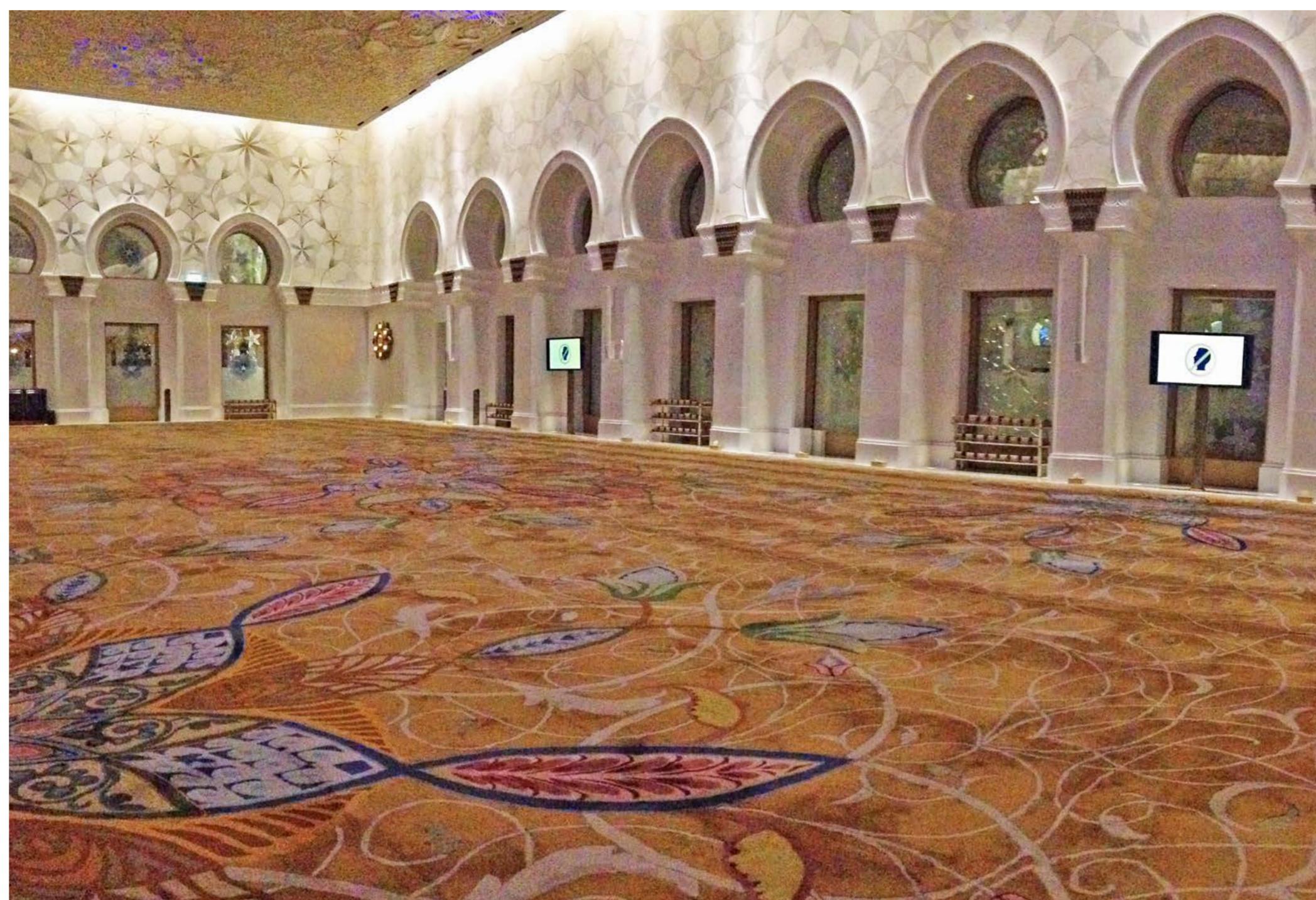
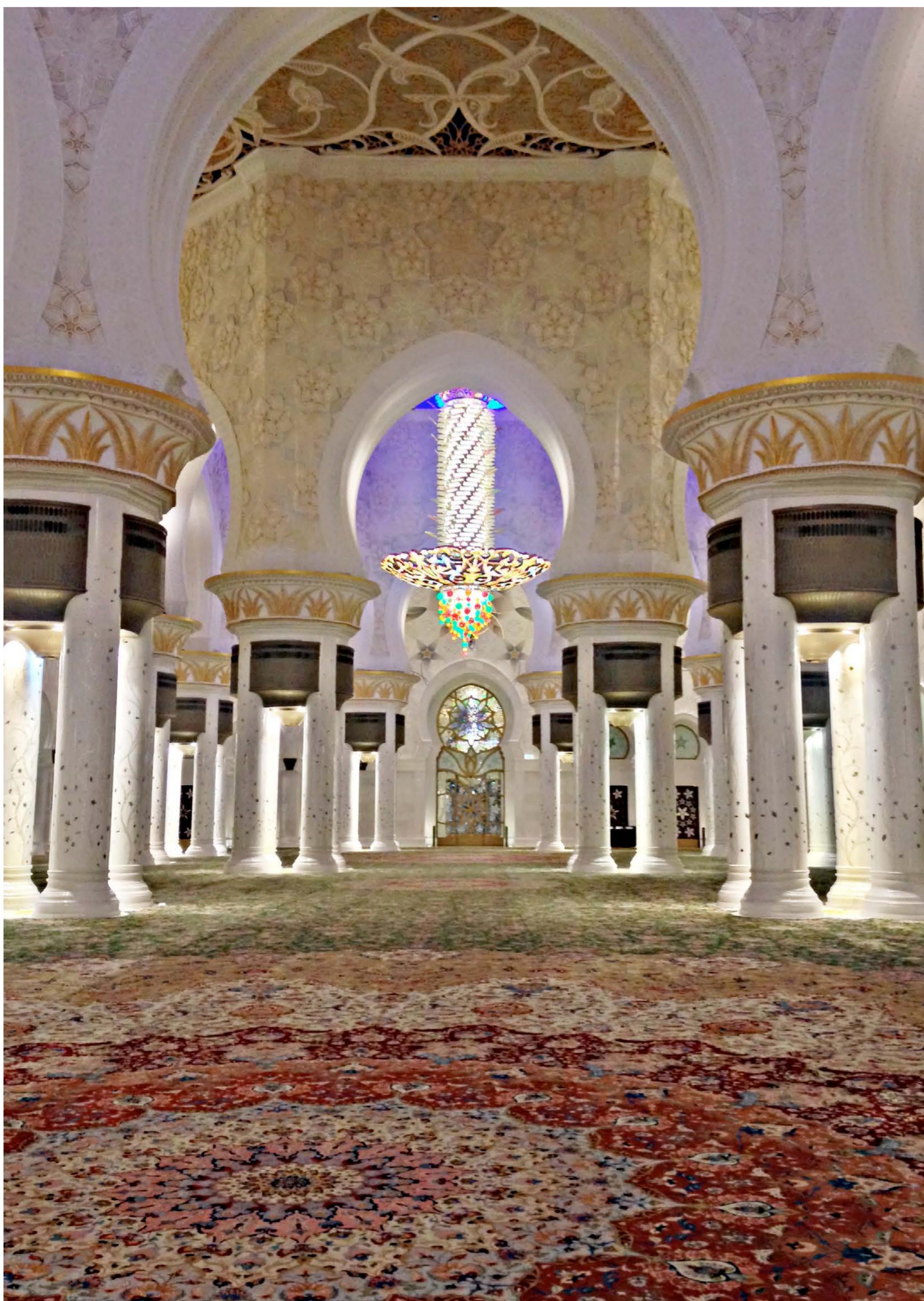


## Real world Examples

Sheikh Zayed Grand Mosque, United Arab Emirates

# StepArray+ series

## Sheikh Zayed Grand Mosque



Products

32 x SA230P+

4x SA300P+

2x SA450P+

active  
audio



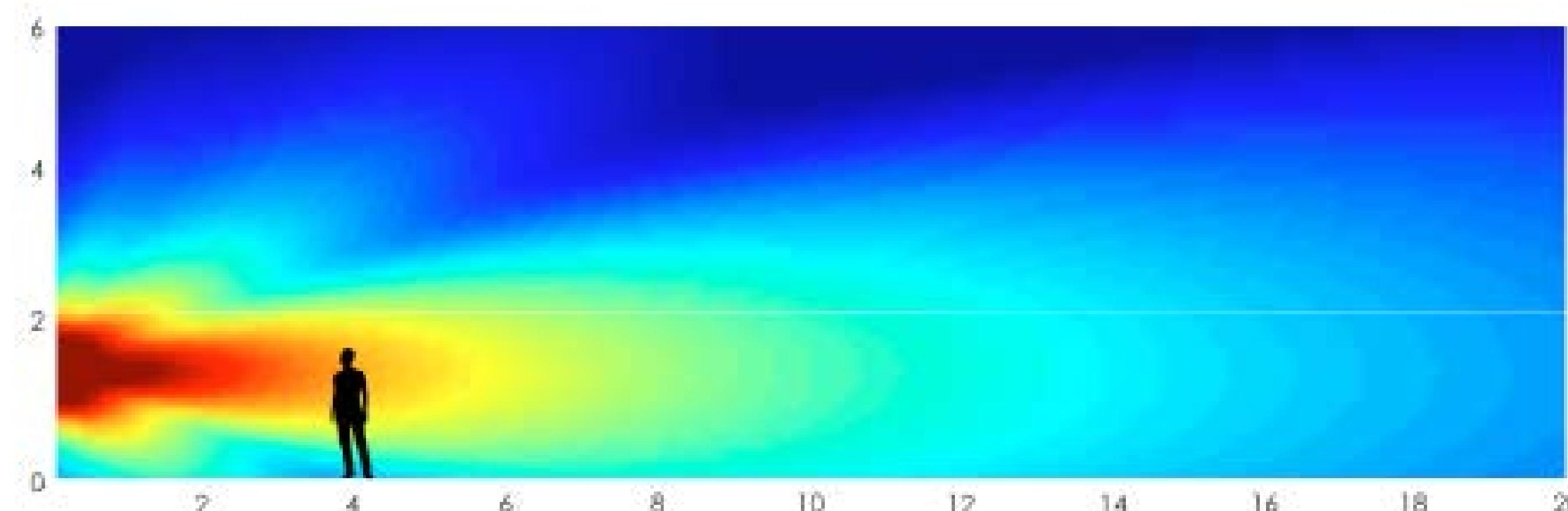
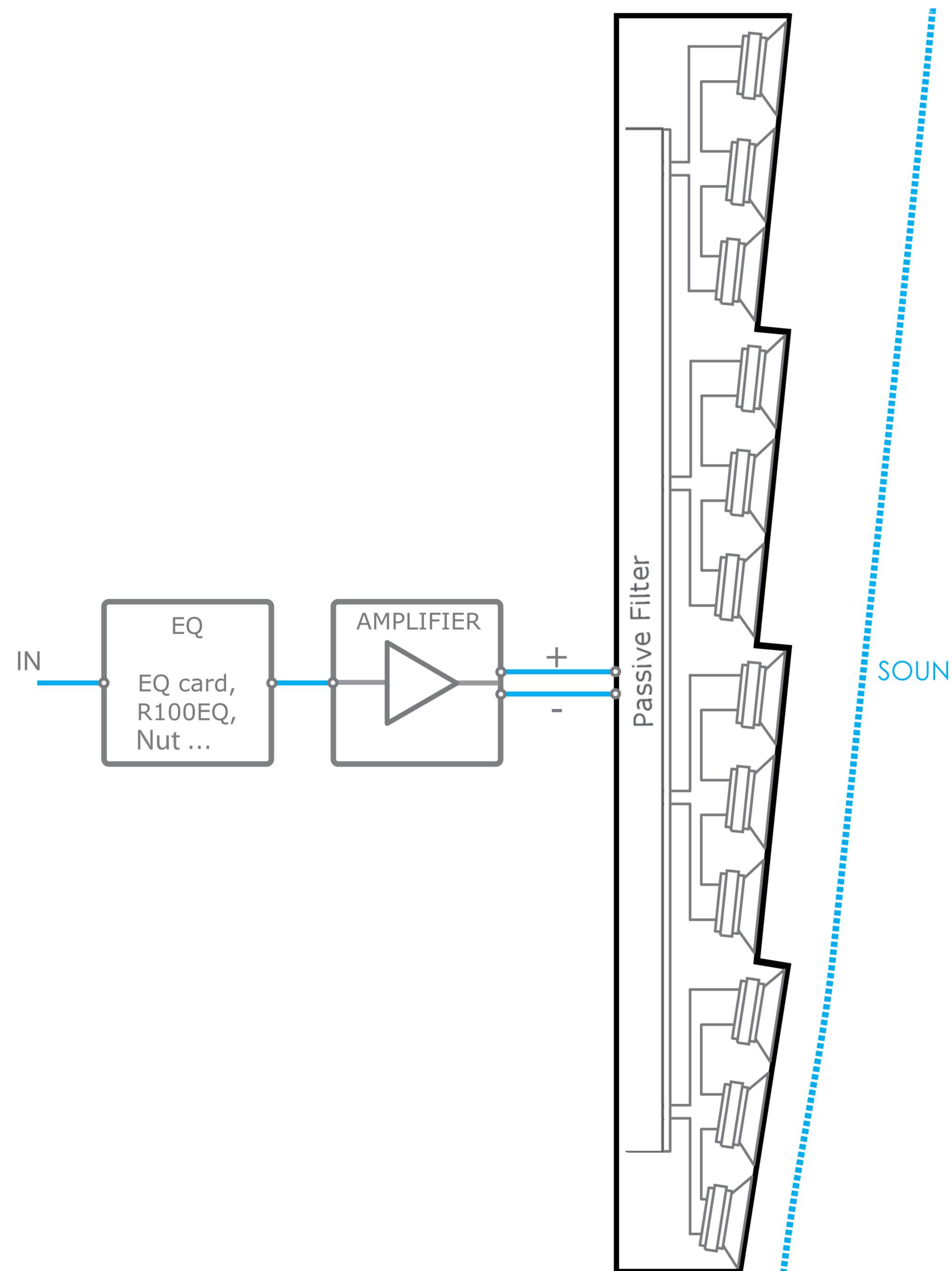
Ray-On

---

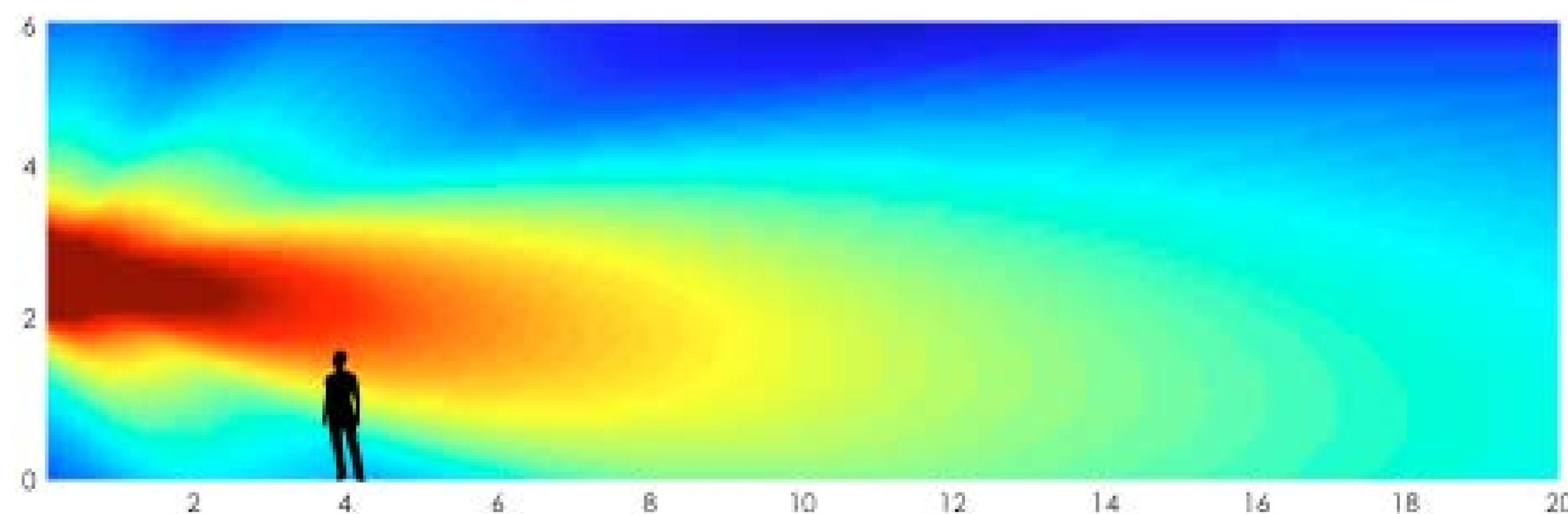
Acoustics meets Architecture

# Ray-On series

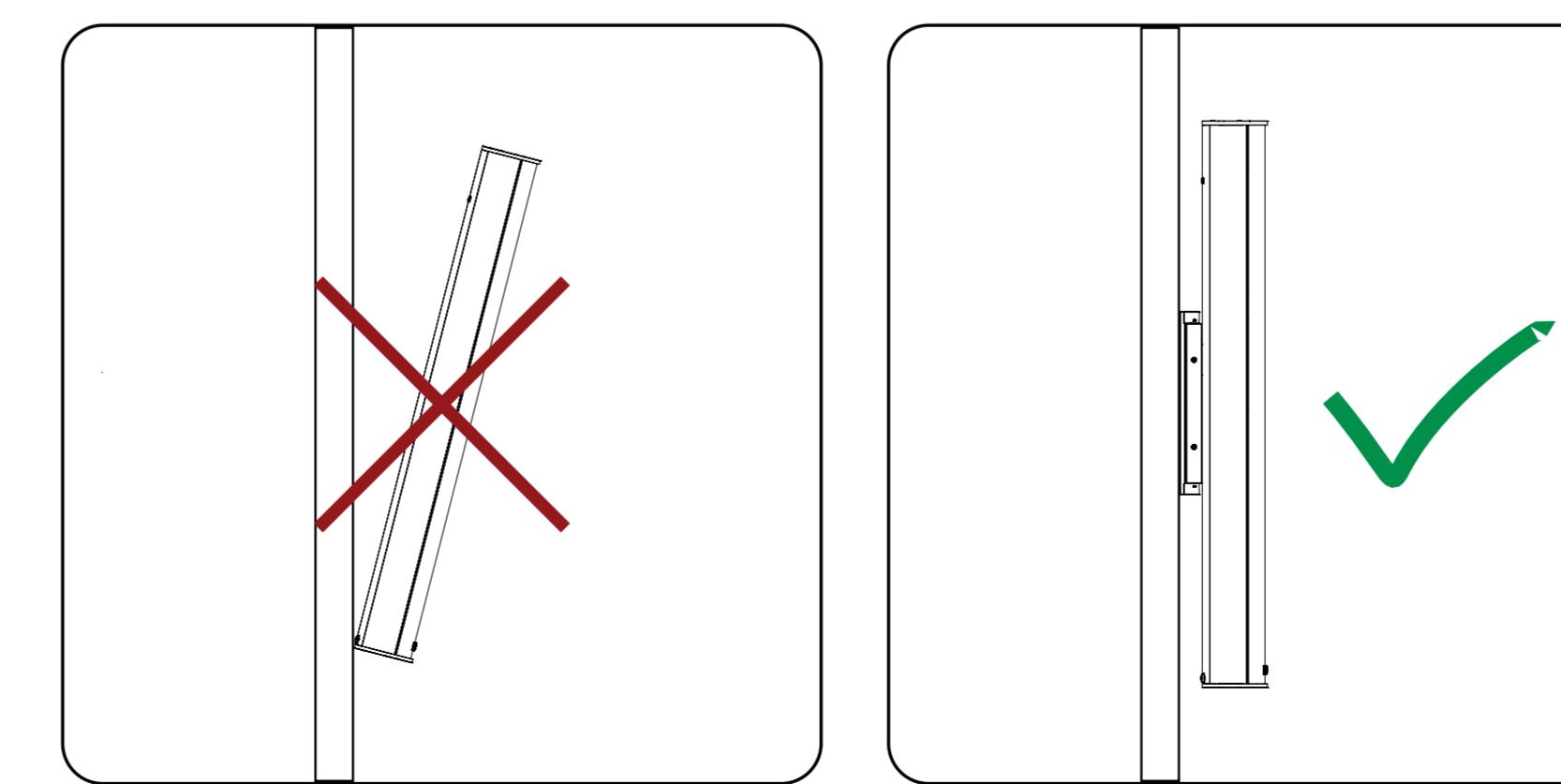
## Technology



Standard 1m column

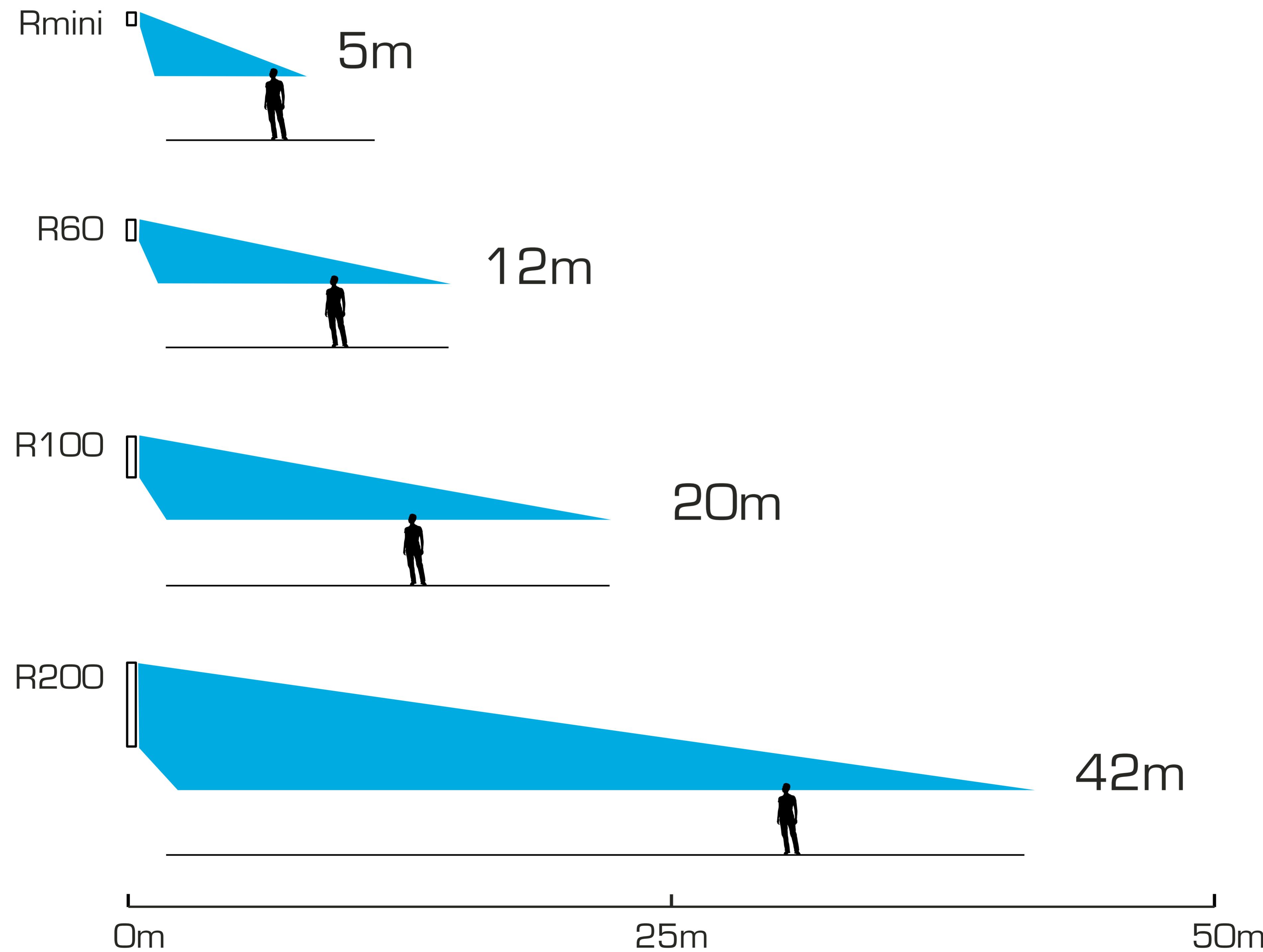


Ray-On R100 column



# Ray-On series

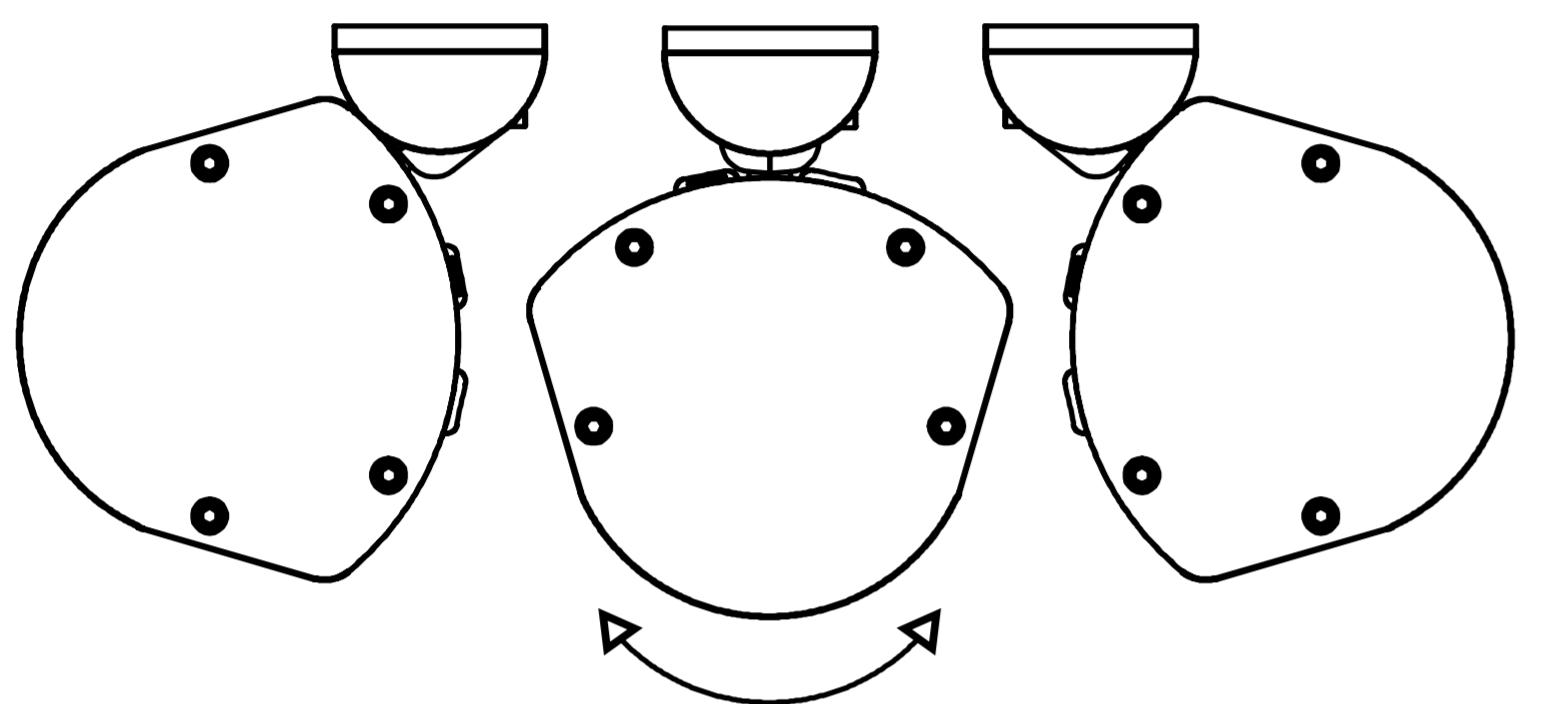
## Range



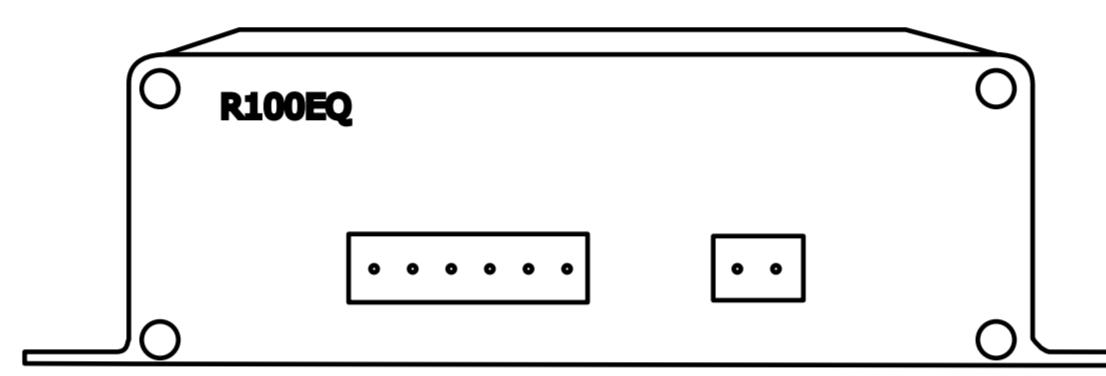
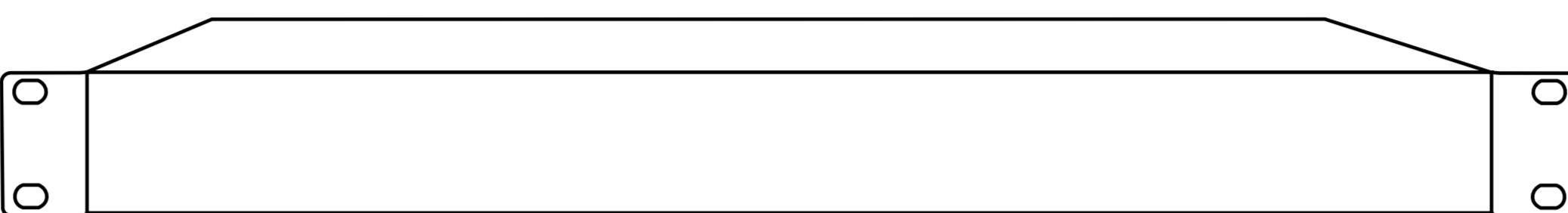
active  
audio

# Ray-On series

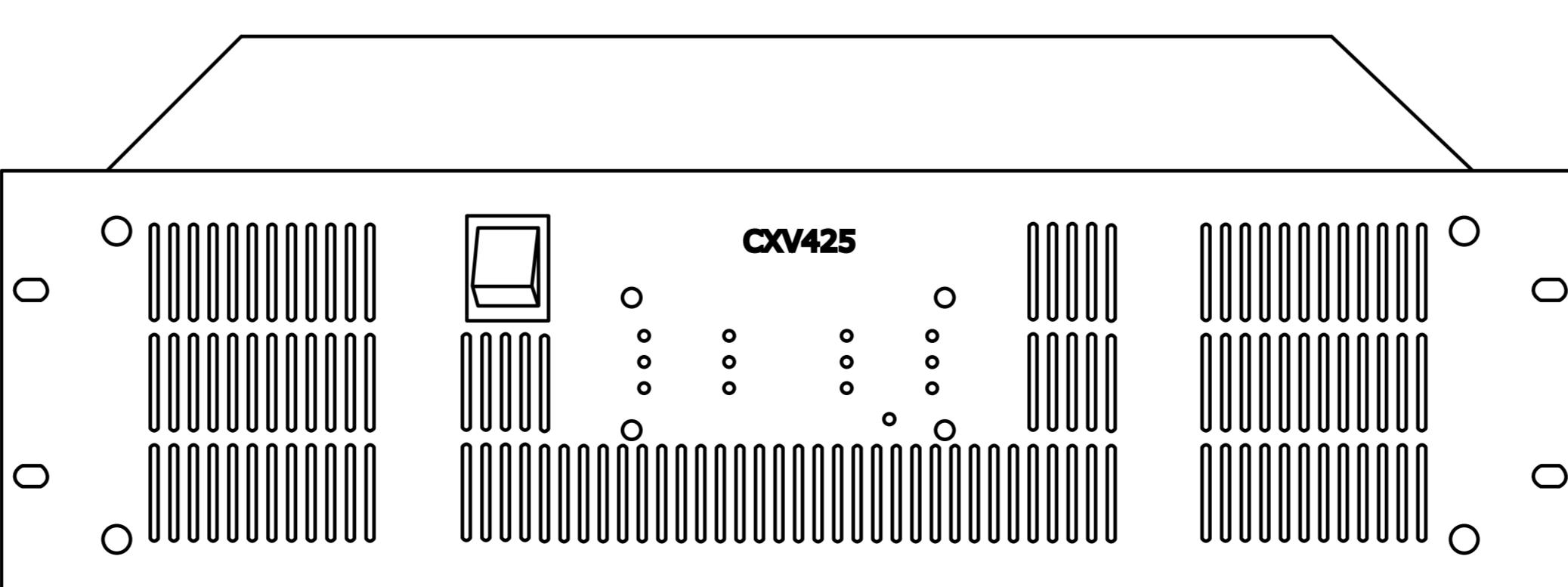
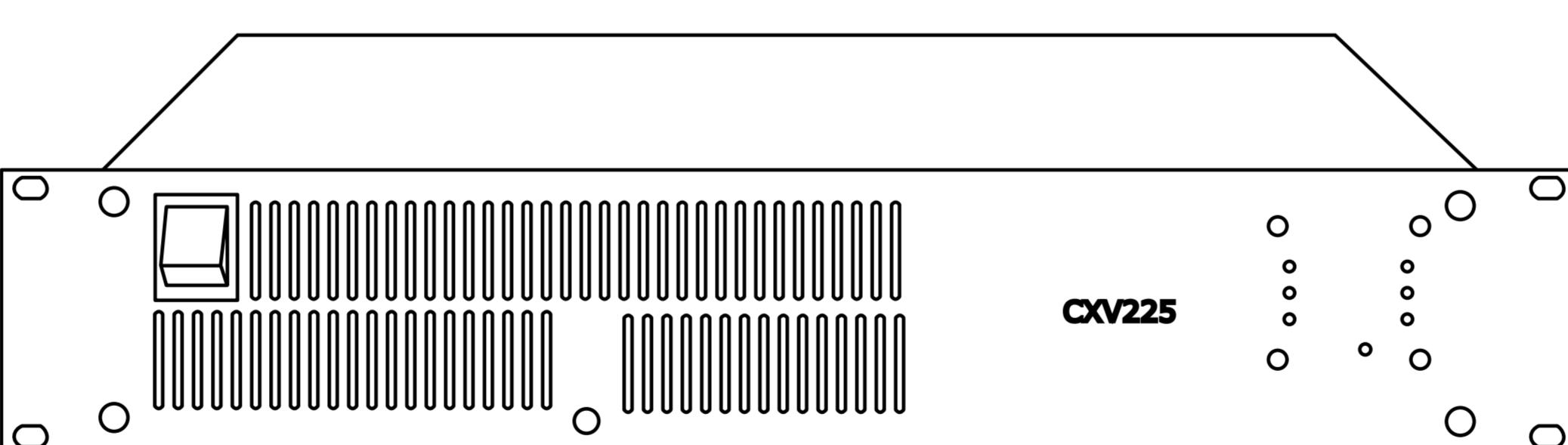
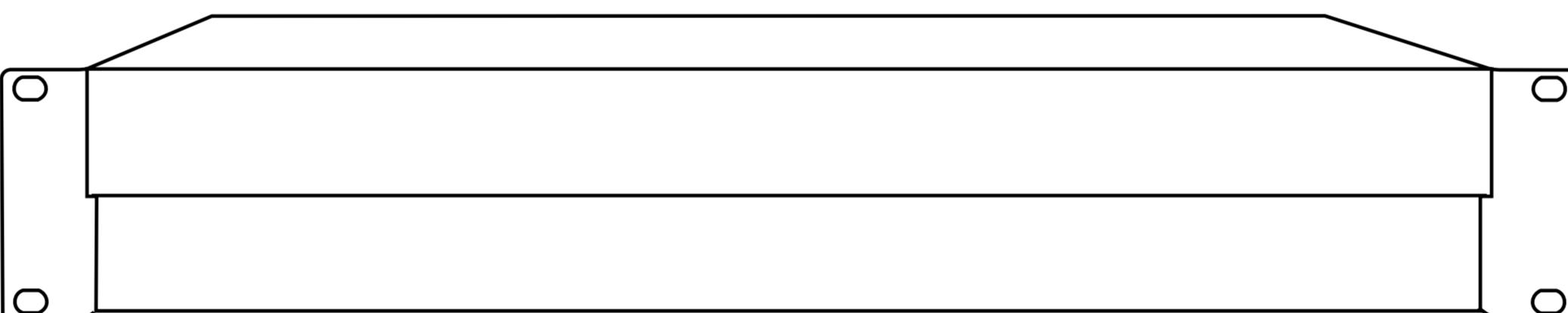
## Easy installation



EQ with NUT or R100EQ



Amplifiers: MPA6150, CXV series



# Features

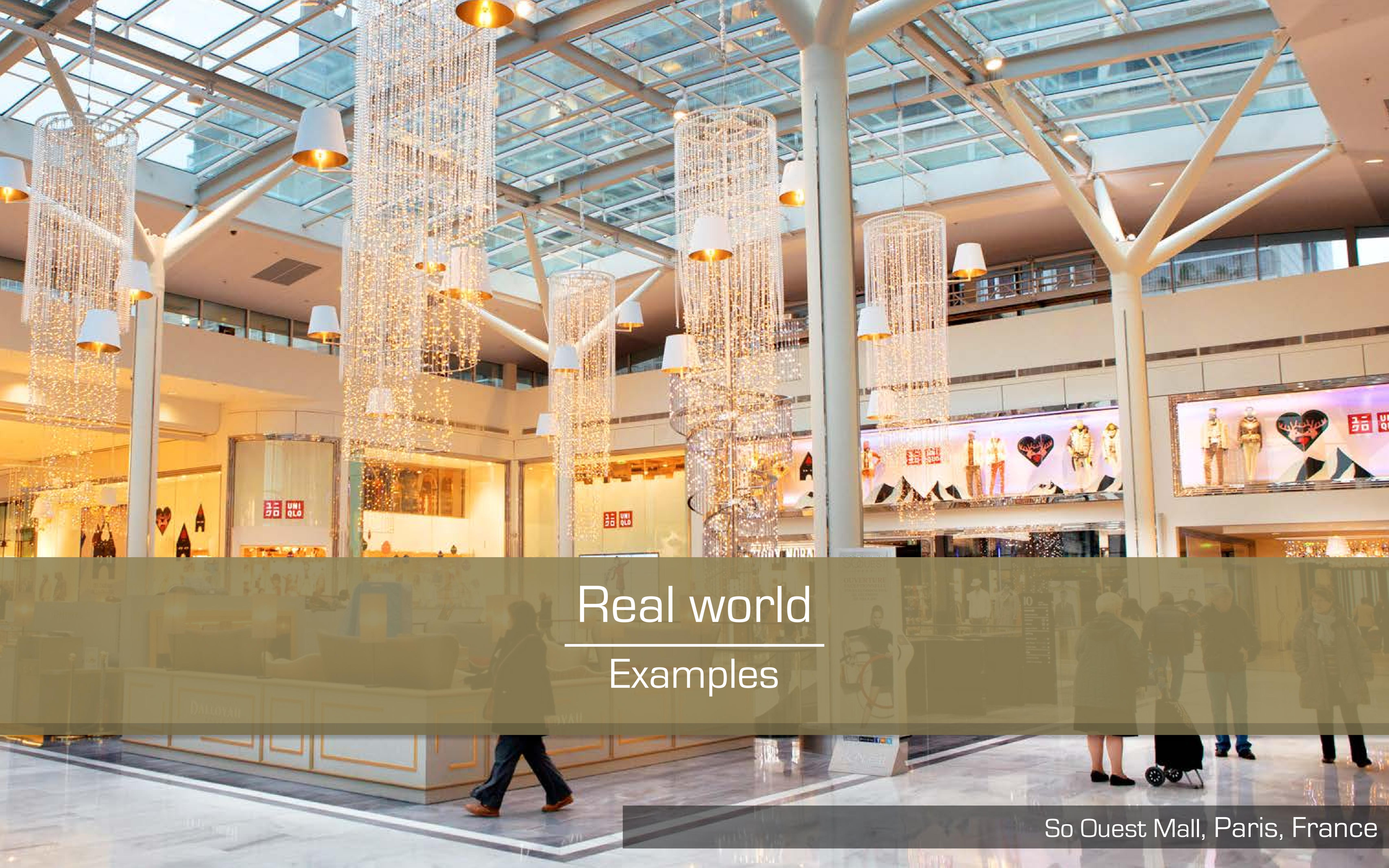
EN54-24 Type B  
Compliant

Vertical mounting

Perfect intelligibility

8Ω / 100V



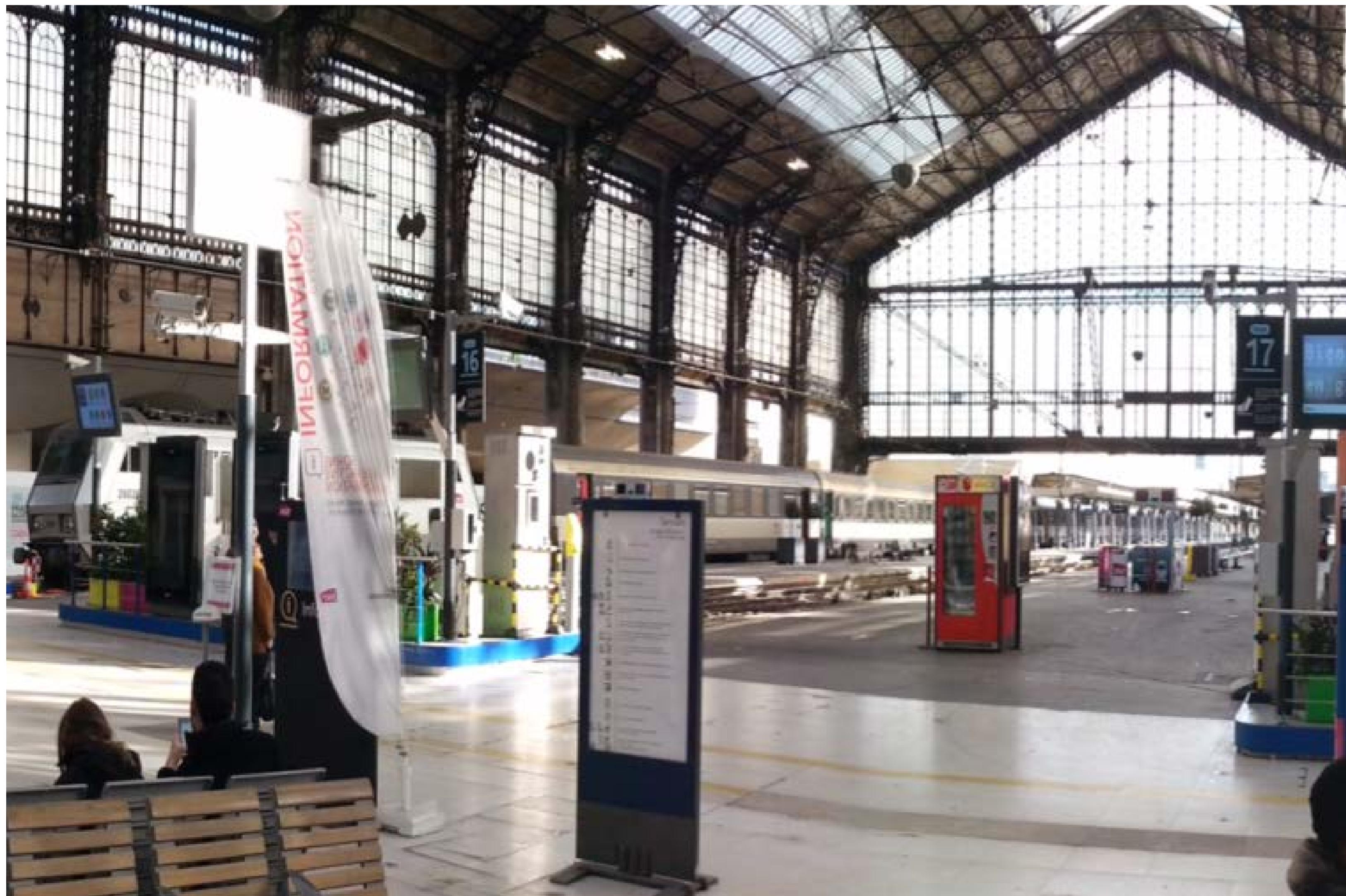


# Real world Examples

So Ouest Mall, Paris, France

# Ray-On series

## Real world examples - Transportation Hubs



Paris-Austerlitz Railway Station, Paris, France



Perth Railway Station, Australia

# Ray-On series

## Real world examples - Transportation Hubs



Roissy Charles de Gaulle Airport Gate, France



Orly Airport Gate, France

# Ray-On series

## Real world examples - Houses of worship



Holy family RC Church Rochdale, UK



Ufhusen Church, Switzerland

# Ray-On series

## Real world examples - Houses of worship



Titus Church, Switzerland



Esher Surrey Church, UK

# Ray-On series

## Real world examples - Public places



Meurice Hotel, Paris, France



So Ouest Mall, Paris, France

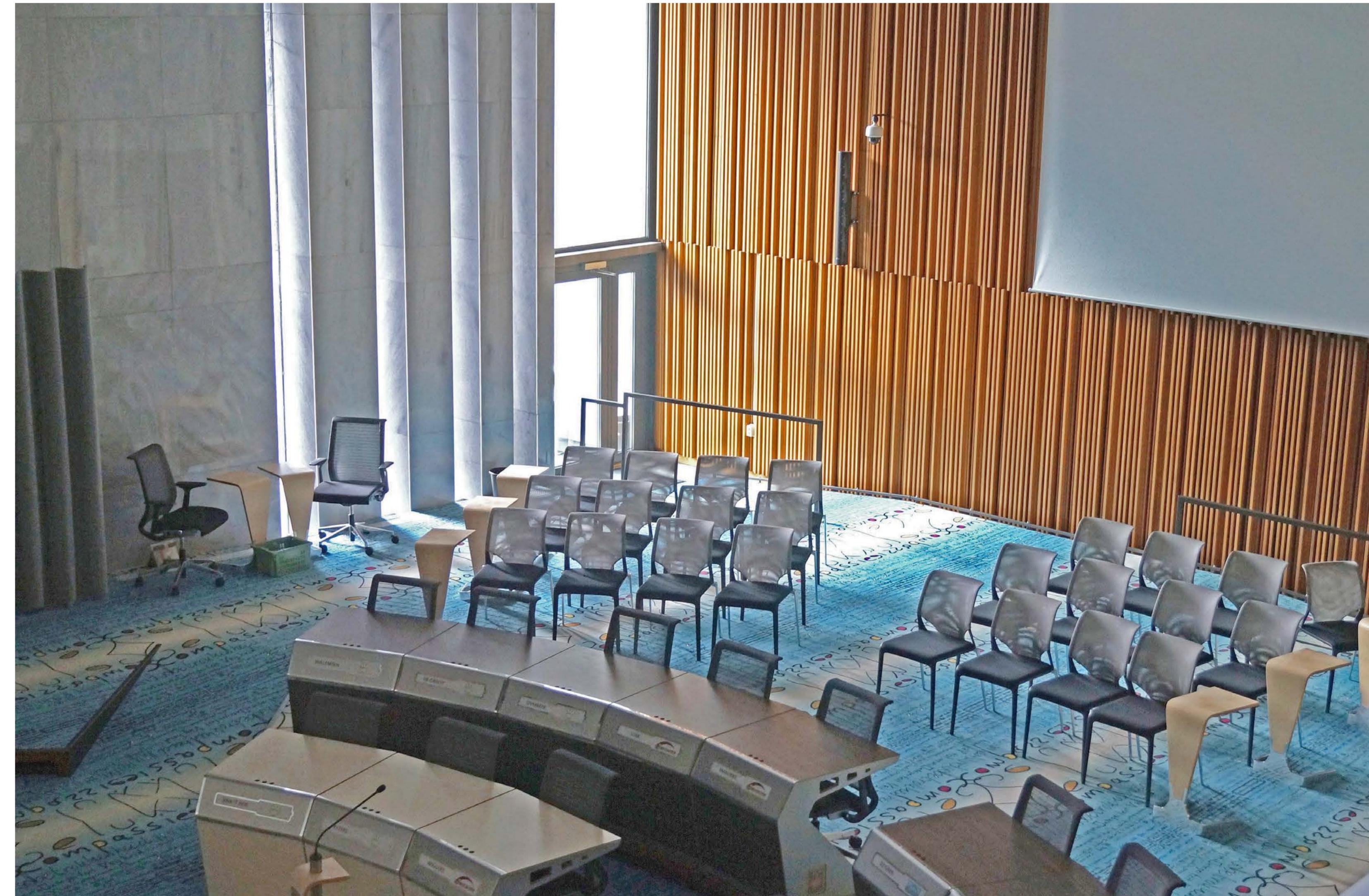


# Ray-On series

## Real world examples - Conference room



Conference room, China



Boardroom Arnhem City Hall, Netherlands



CL62

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In-ceiling loudspeaker

# CL62 series

## Overview



# Features

Music and speech

100V and 8Ω modes

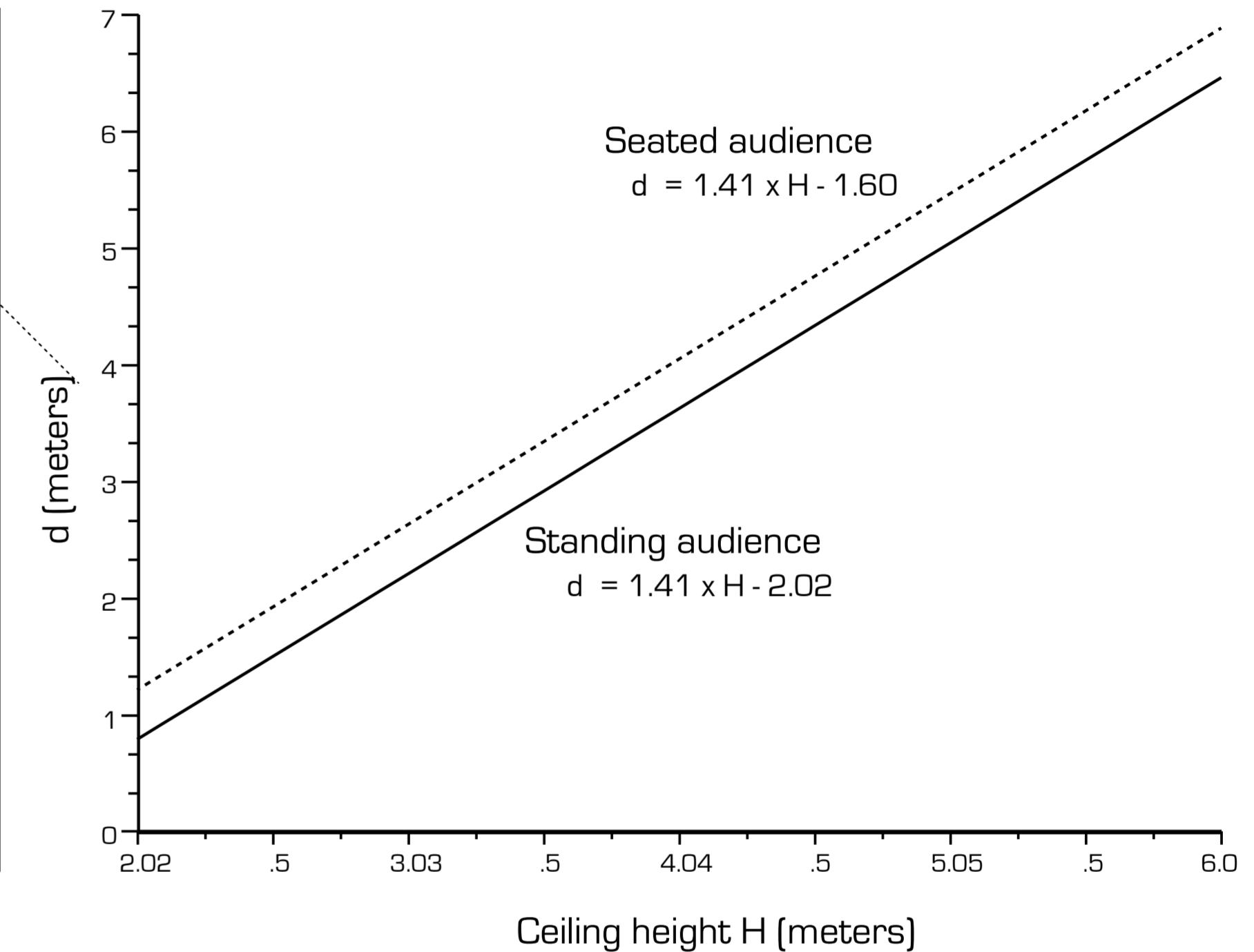
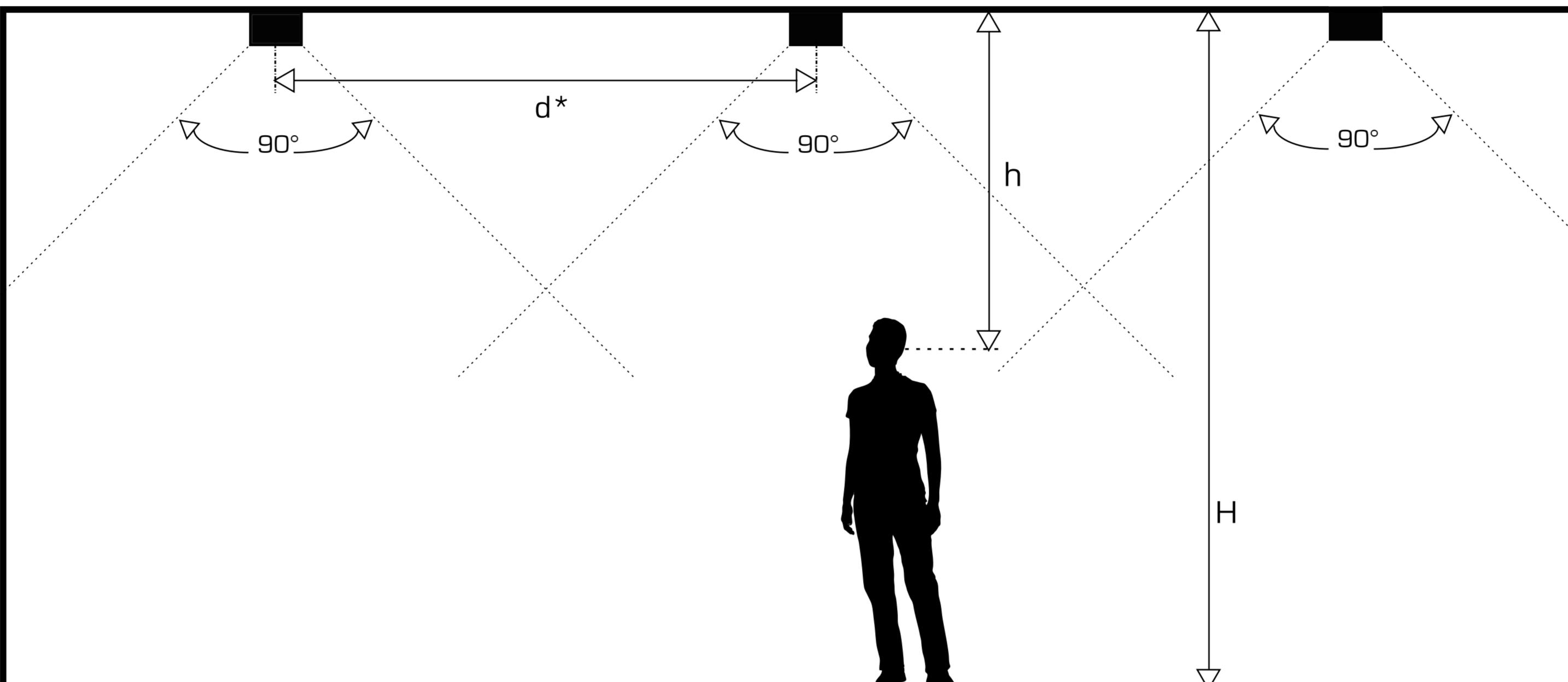
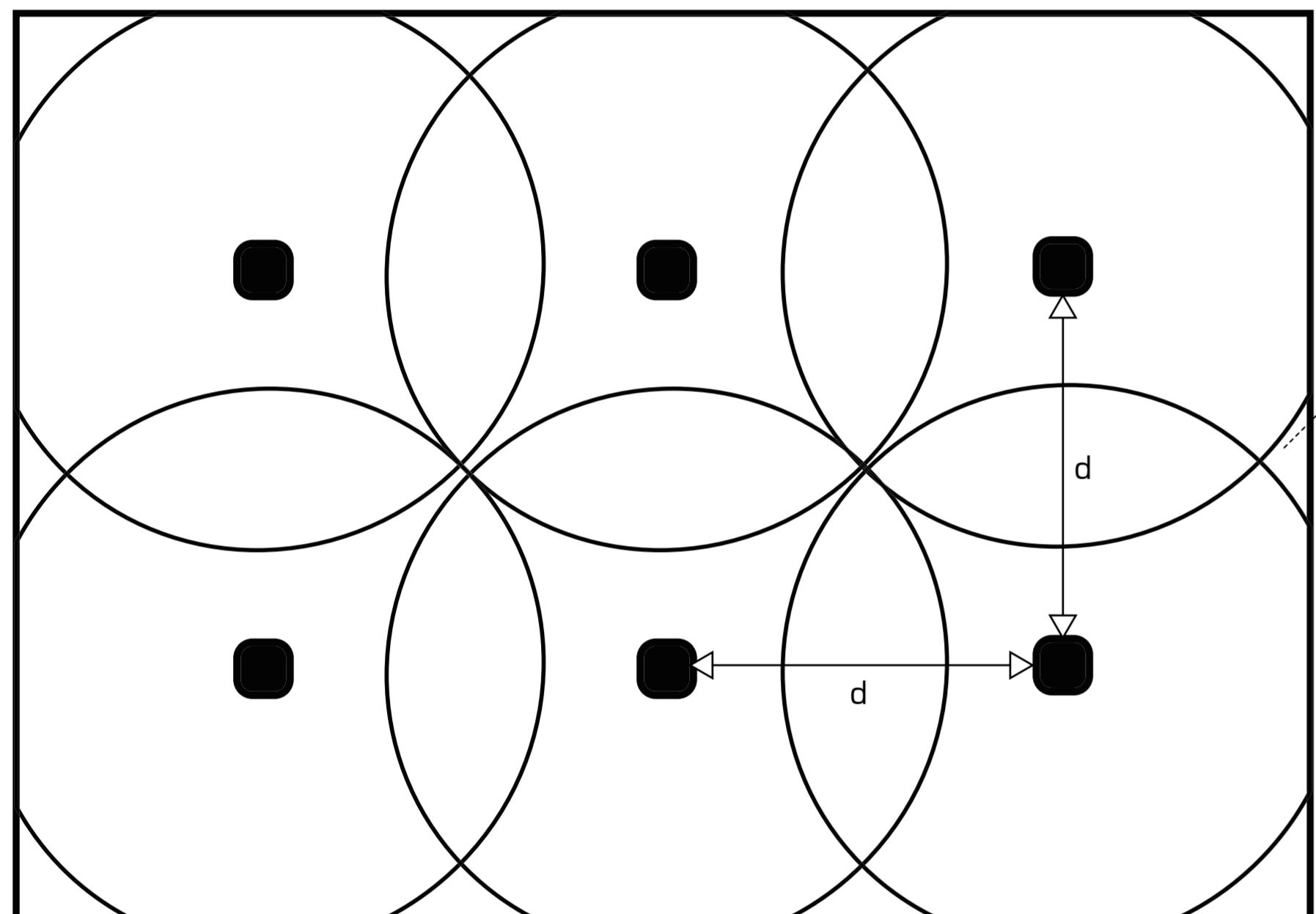
IP 23

In-Ceiling or suspended

active  
audio

# CL62 series

## Positioning & cabling



Wiring recommendations ( $\text{mm}^2$ )	100W	200W	300W	400W	500W
50m	0.75	0.75	0.75	0.75	0.75
100m	0.75	0.75	0.75	1.5	1.5
200m	0.75	1.5	1.5	2	2.5
400m	1.5	2	4	4	
600m	1.5	4	6		

# CL62 series

## Applications



Hotels



Leisure facilities



Retail spaces & Malls

Active  
audio

NUT

Active  
audio

NUT

INPUTS

1 2 3 4 5 6 7 8

OUTPUTS

1 2 3 4 5 6 7 8

USB  
LAN  
SA  
INFO

POWER

Active  
audio

NUT

INPUTS

1 2 3 4 5 6 7 8

OUTPUTS

1 2 3 4 5 6 7 8

USB  
LAN  
SA  
INFO

POWER

Active  
audio

NUT

INPUTS

1 2 3 4 5 6 7 8

OUTPUTS

1 2 3 4 5 6 7 8

USB  
LAN  
SA  
INFO

POWER

Active  
audio

NUT

# NUT

---

Versatile audio processor

# NUT audio processor Overview



8x IN, 8x OUT

Unique algorithms

Phantom Power

Up to 16 presets

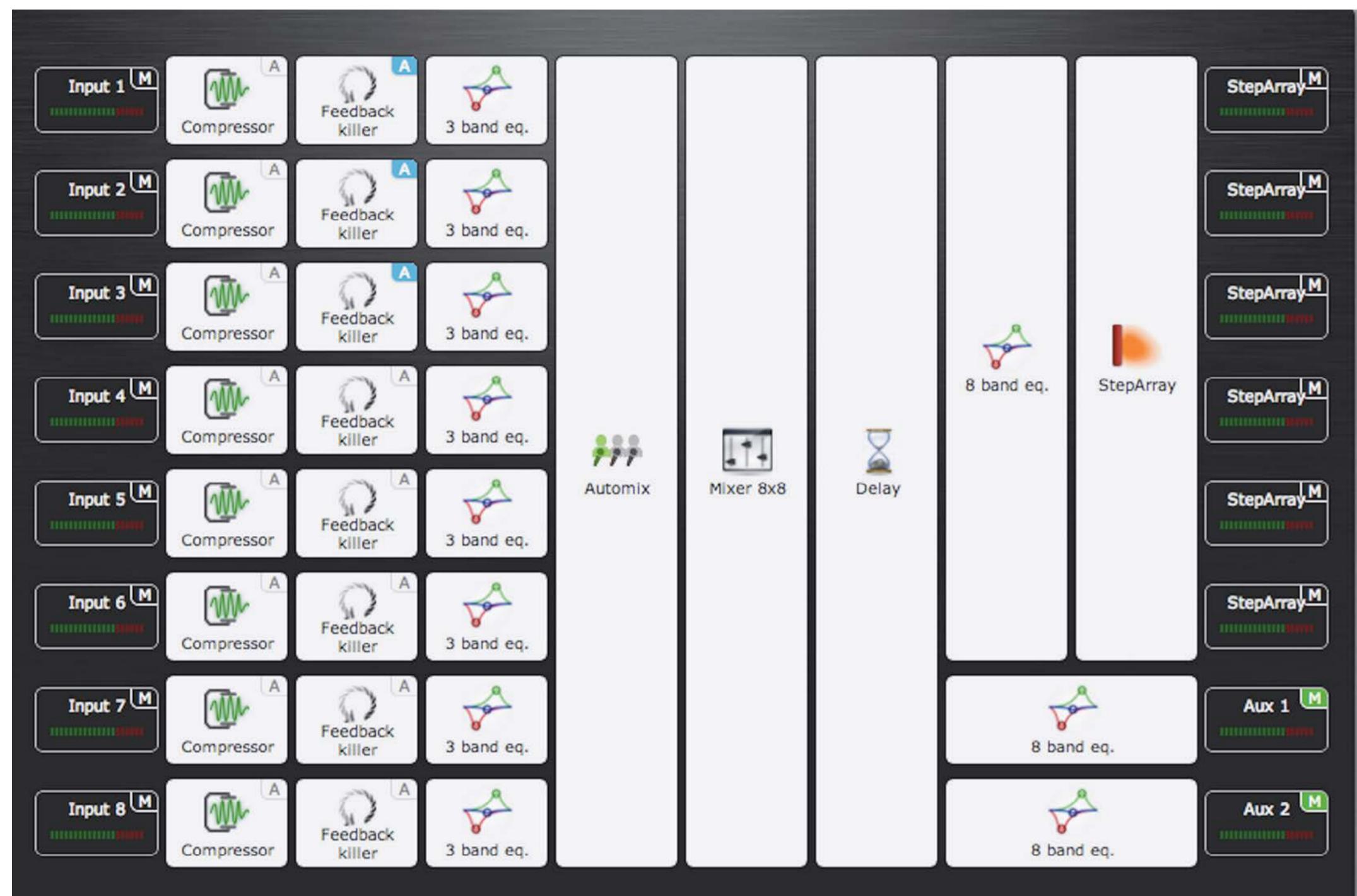
The NUT Control Software can be used with any web browser on both PC and Mac. Any device running a web browser can be used to set up or operate NUT.

- Web Browser operated
- PC/Mac compatible
- Dedicated NUT Remote Control

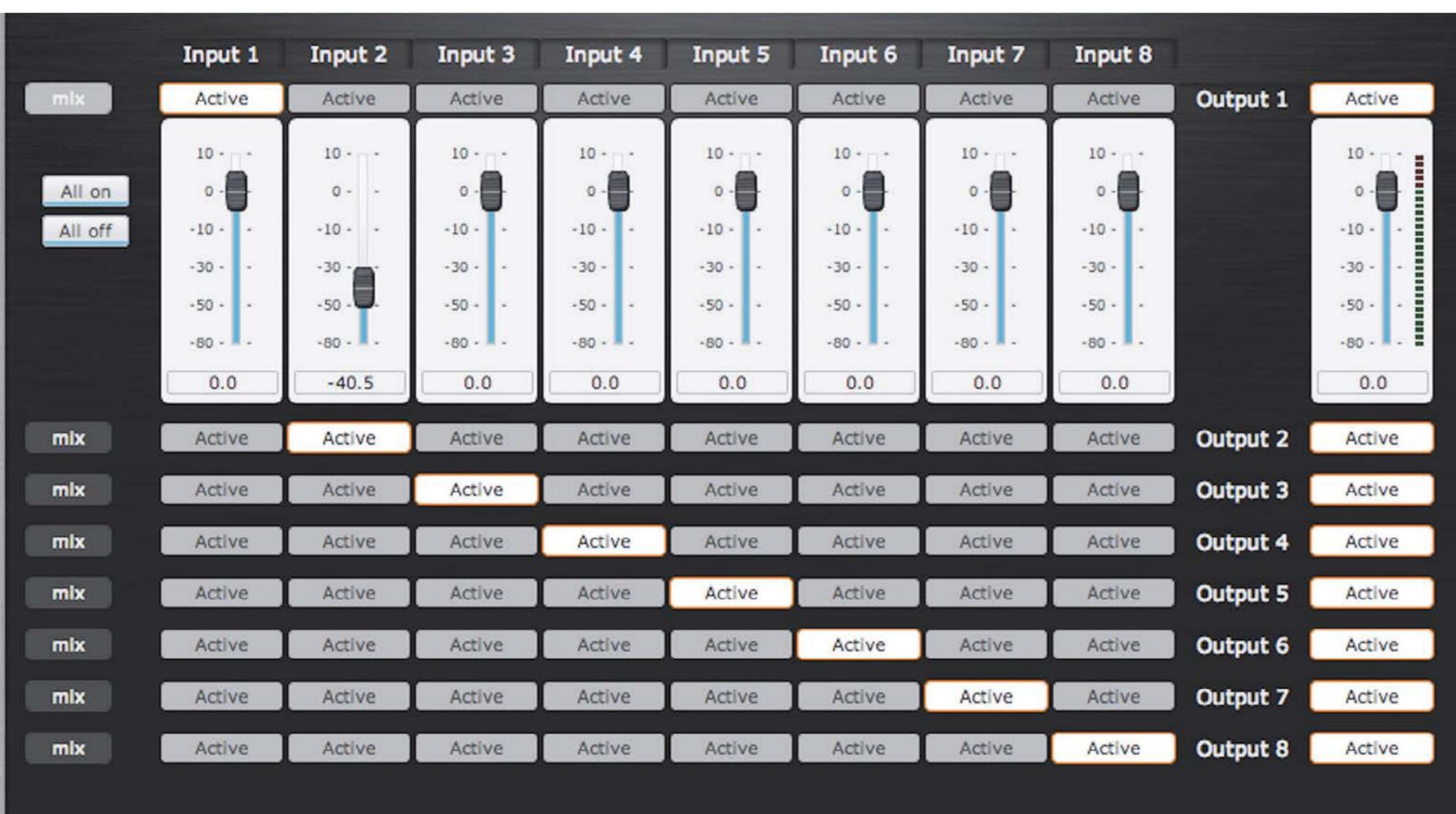


# Nut audio processor

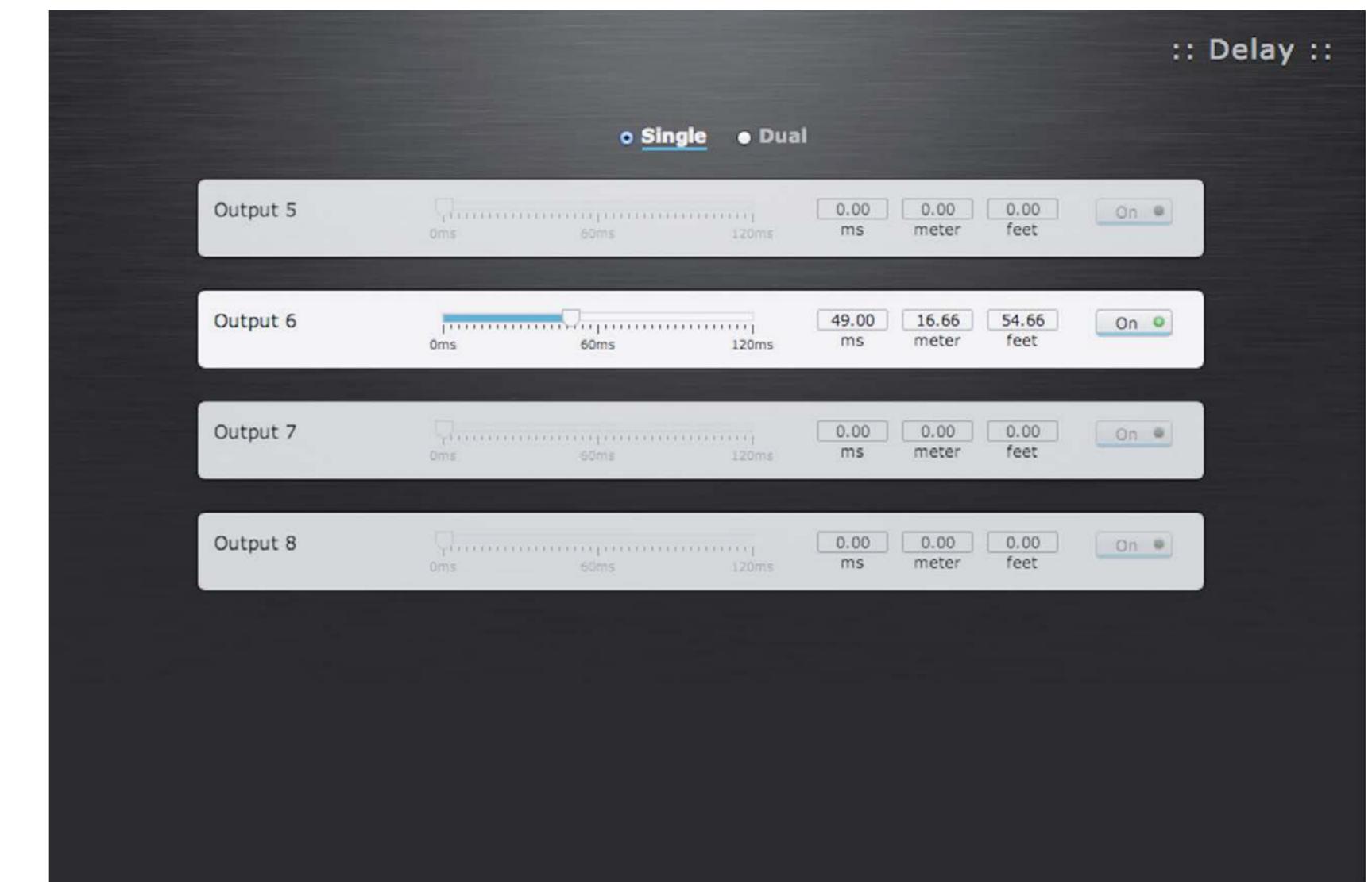
## Function Control Blocks



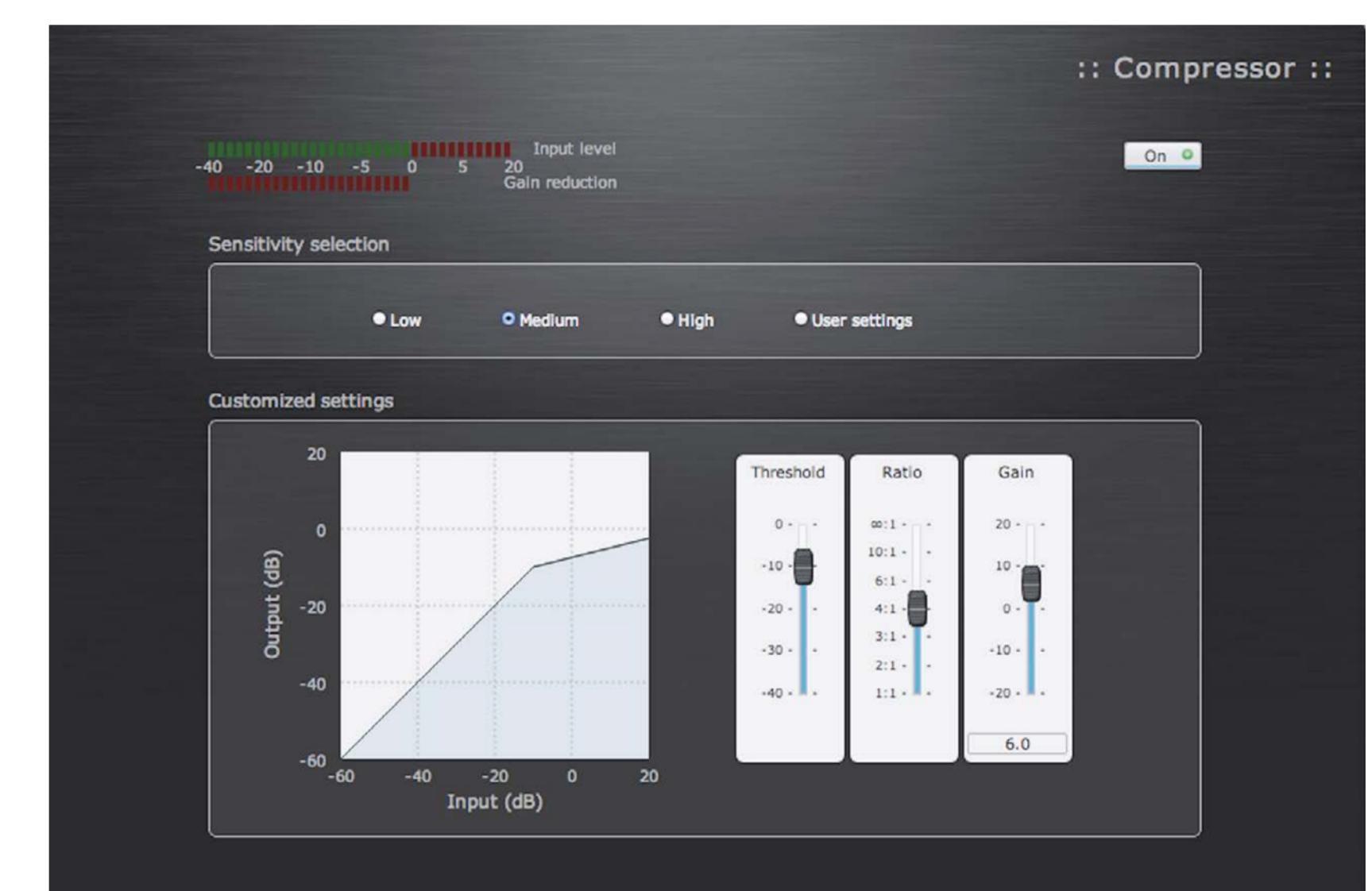
Volumes/ Mixer



Equalizer



Delay

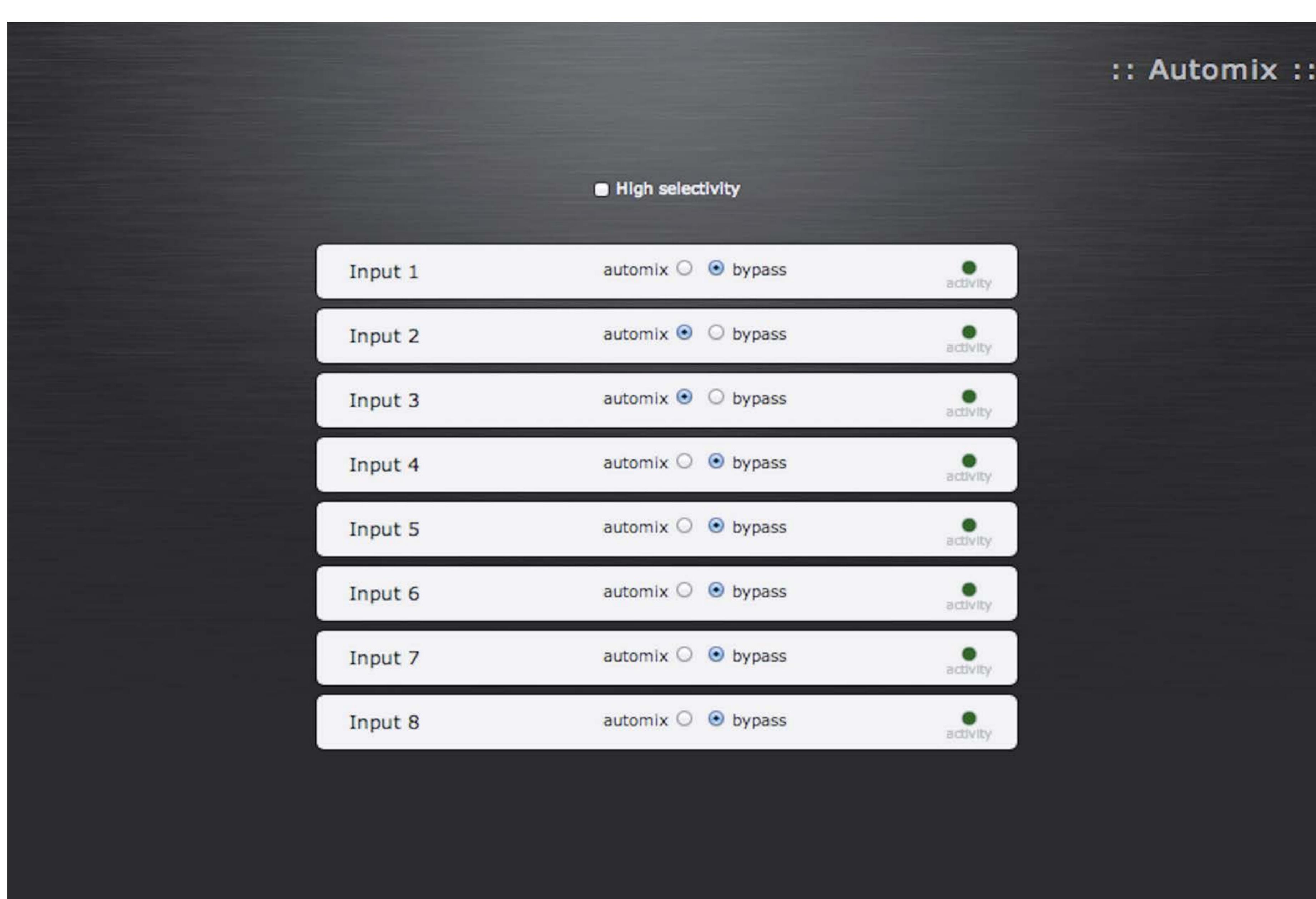


Compressor



# Nut audio processor

## Advanced Function Blocks



## Features

Fastest automixer on the market

Ensures immediate switching from one microphone to another

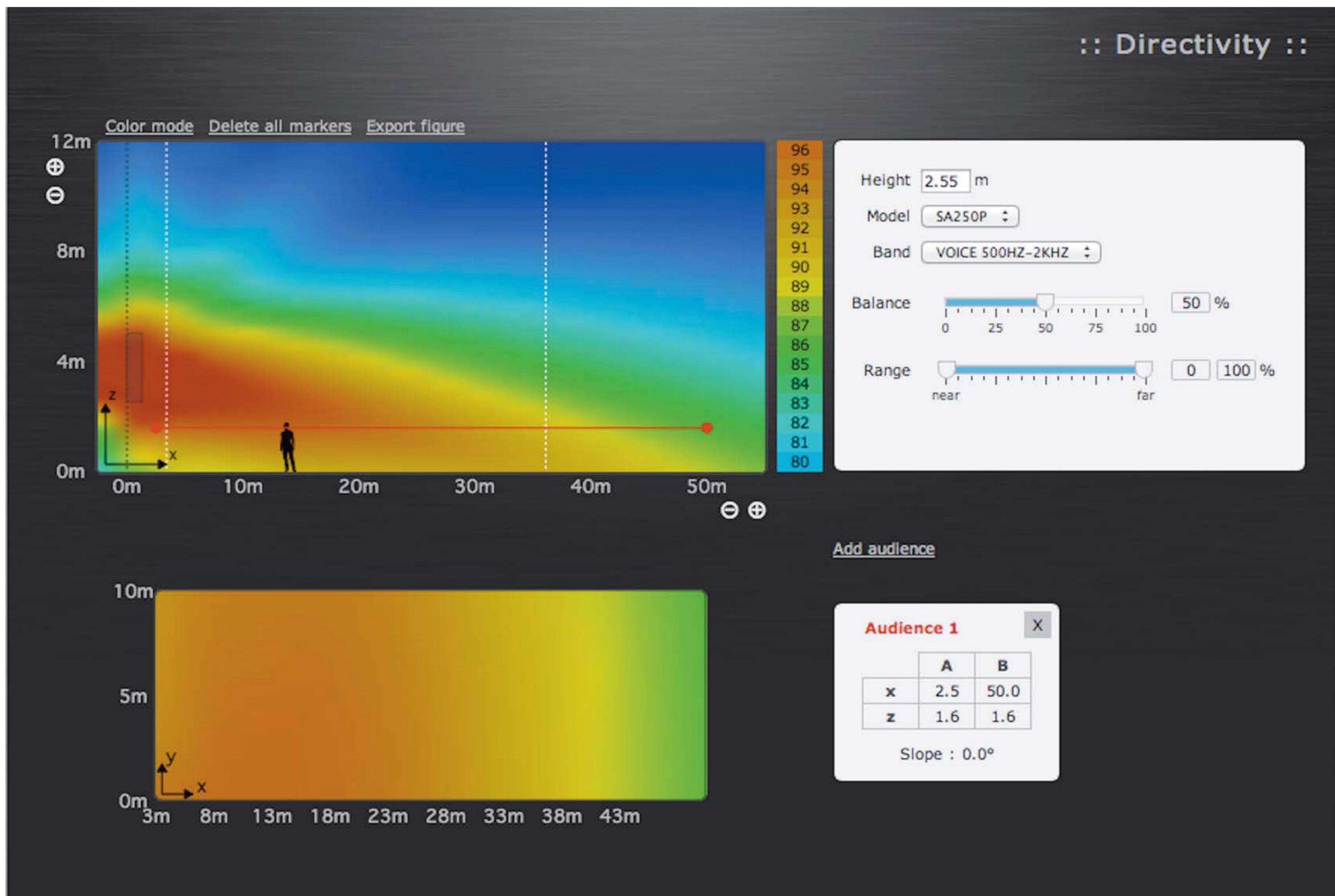
Combined with our Feedback Killer, it eliminates the majority of feedback problems



# Nut audio processor

## Advanced Function Blocks

### StepArray



Features  
Drive  
our StepArray  
DSP Columns

Adjust the beam according  
to your needs

Simulate  
direct sound  
coverage in real-time

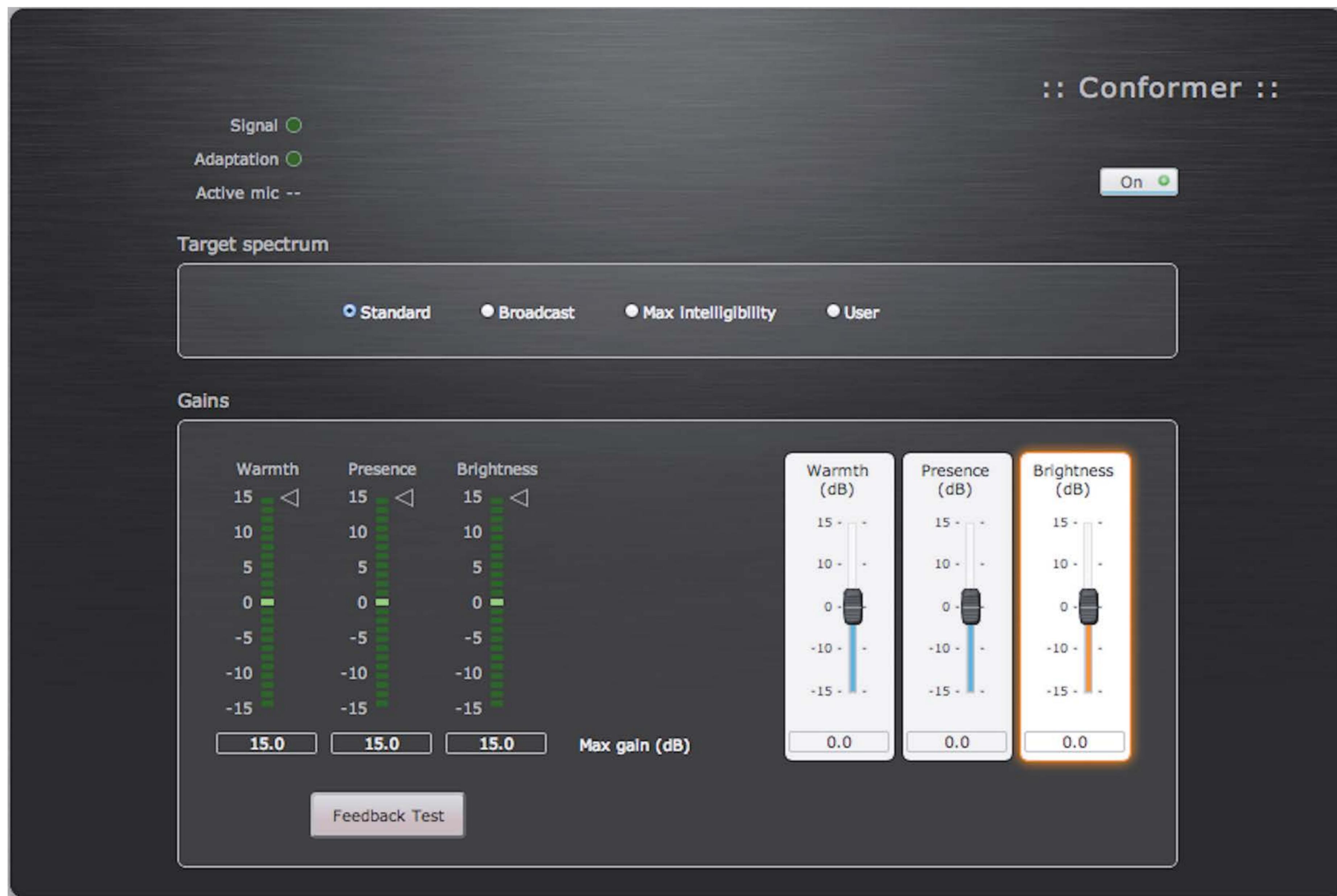


# Nut audio processor

## Proprietary Technology

Features  
Unique

### Speech conformer



Real-time adaptation to a speaker's voice

User-friendly setup procedure

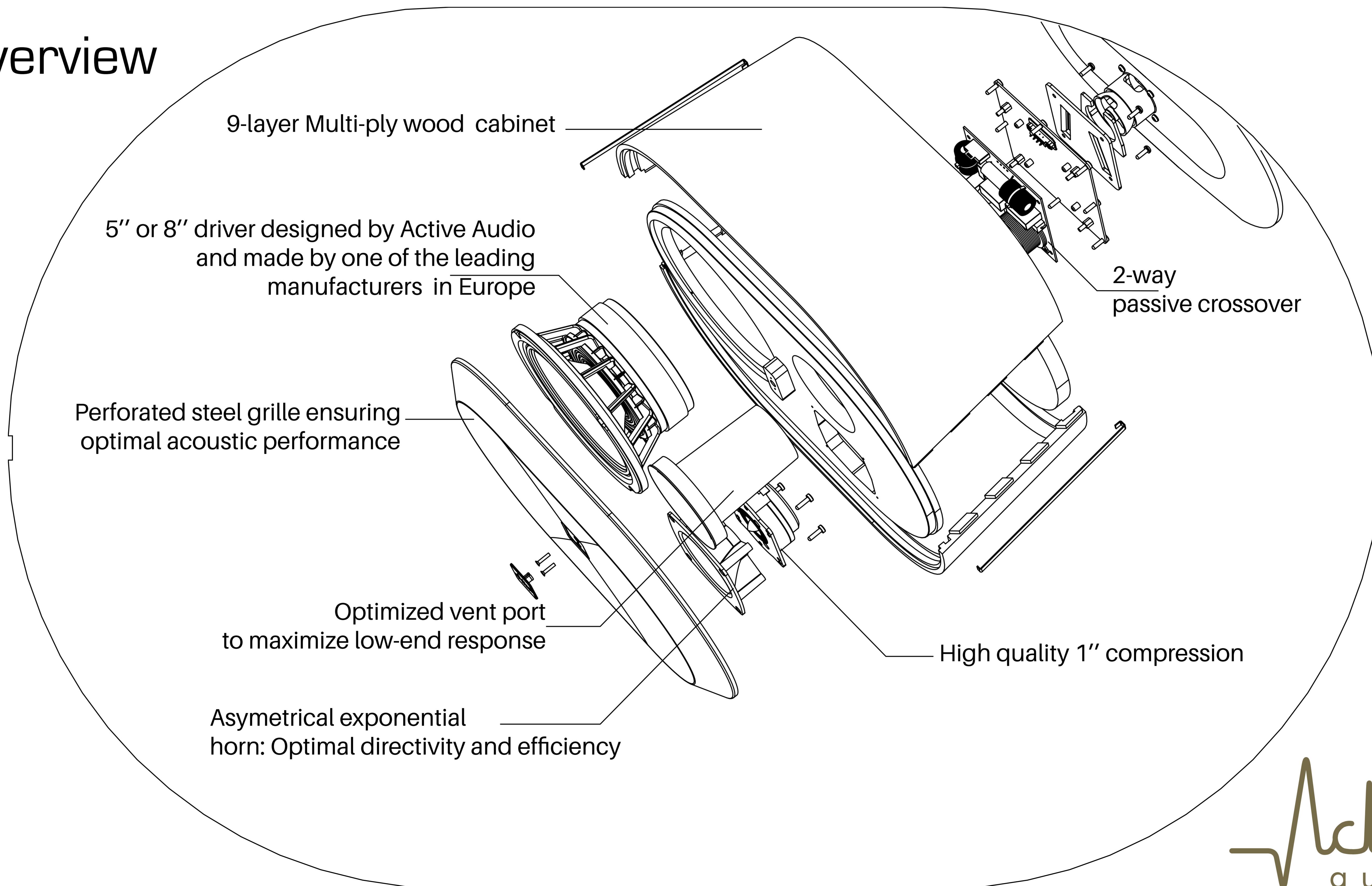




Vendôme  
Be the one. Make it yours.

# Vendôme series

## Overview



# Vendôme series

## Overview



### 4 Finish levels

Classic series

Art series

Color series

Custom Shop

### Features

Deep bass, sharp  
and dynamic sound

Excellent visual integration

Horizontal and vertical  
installation

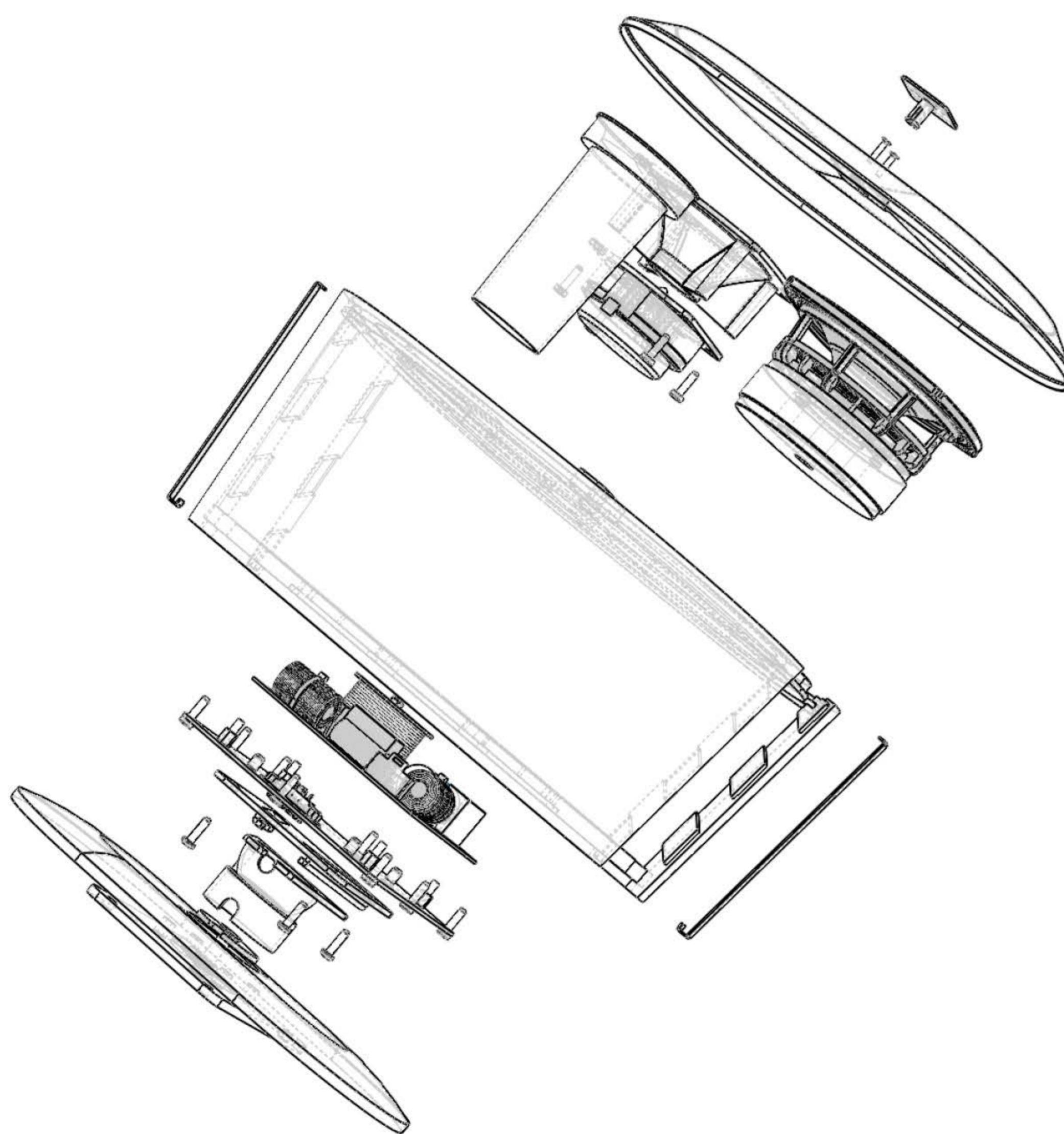
Processing with  
NUT processor

5-year warranty

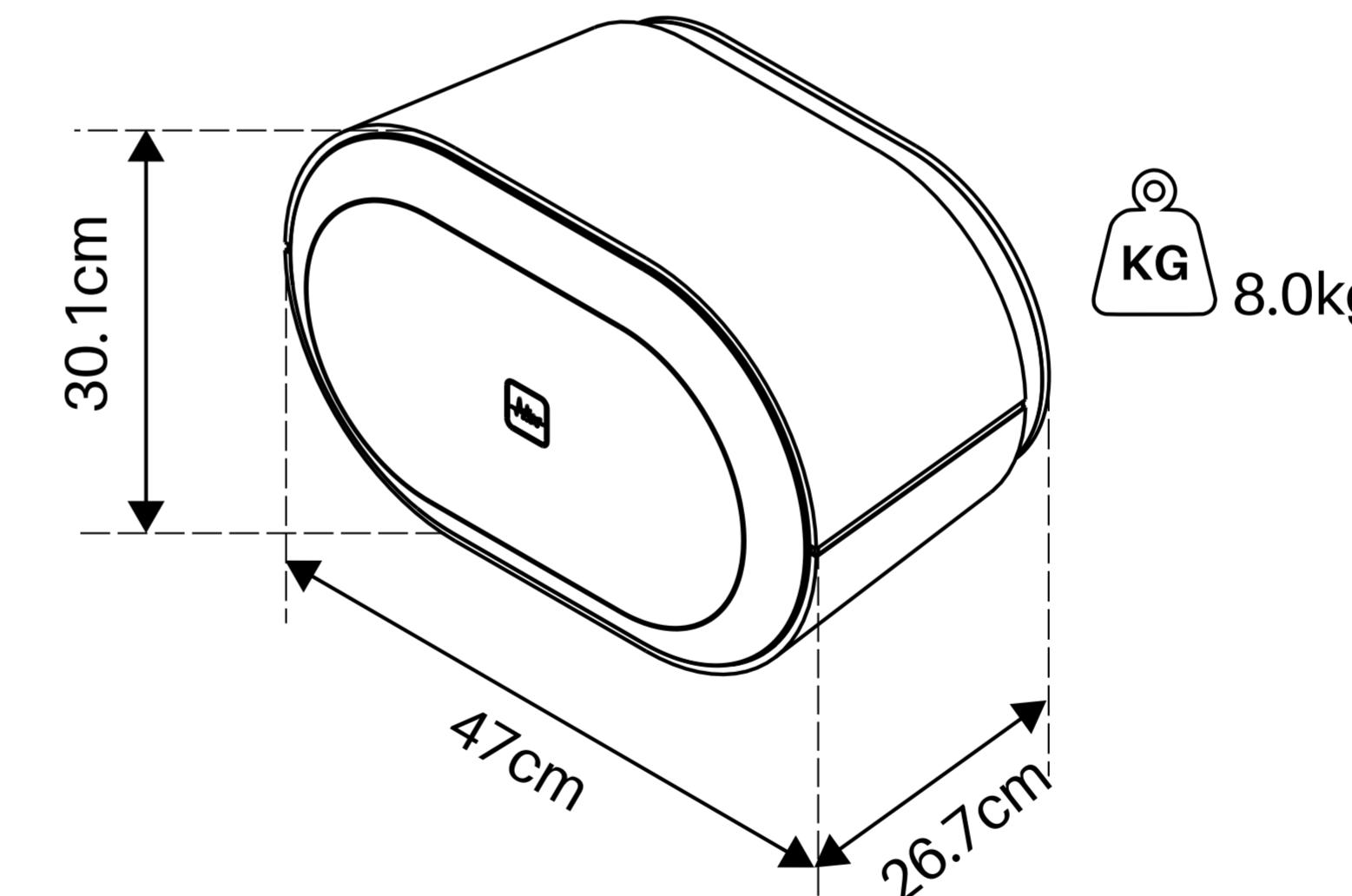


# Vendôme series

## Models



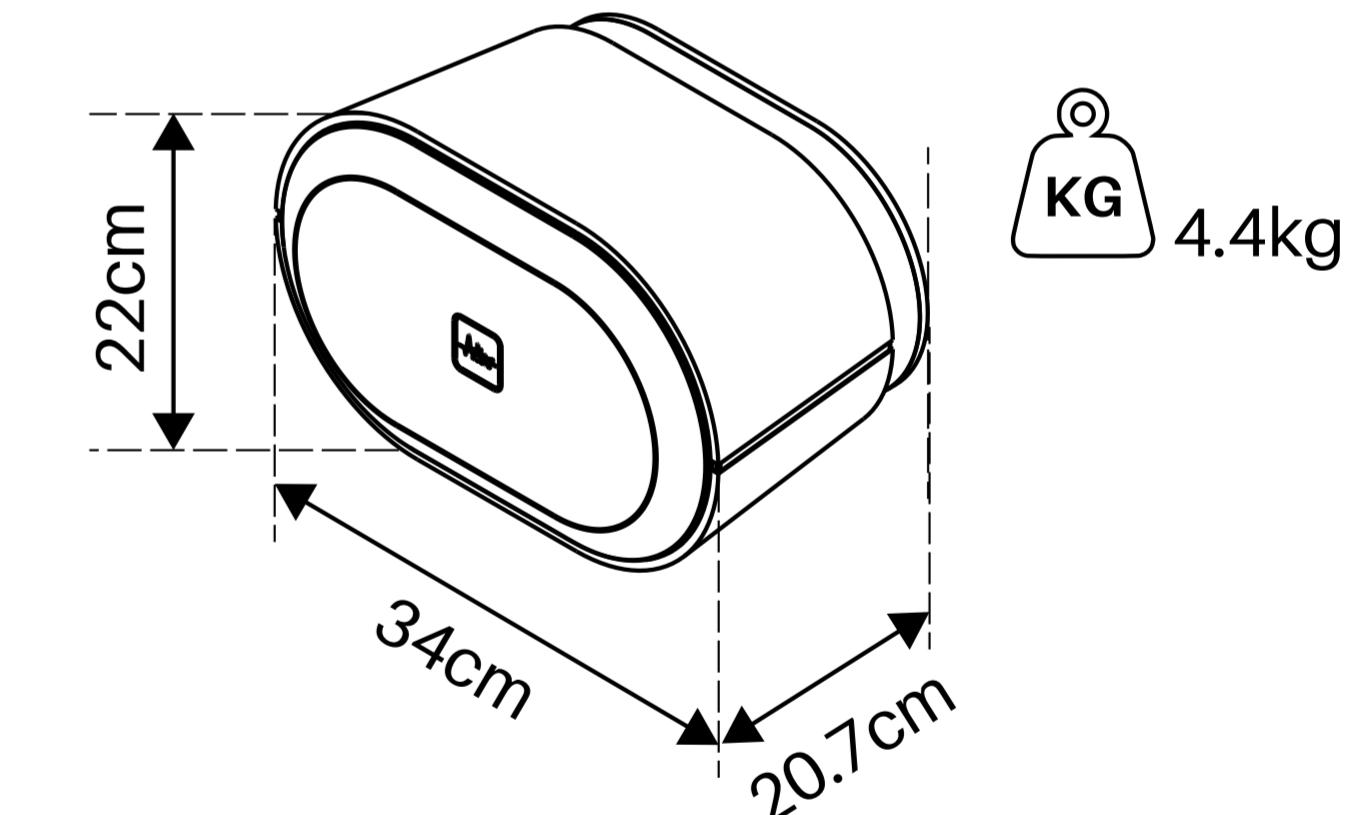
Sensitivity	91.5dB / 1W / 1m
Max SPL @ 1m	111.8dB
Bandwidth @ -3dB	72Hz - 20kHz
Bandwidth @ -10dB	47Hz - 20kHz
Directivity	@1kHz: 130 / 120° @4kHz: 80 / 80°
Woofer	8"
Tweeter	1" compression
Nominal impedance	8Ω
Long term power handling	450W
Input connector	4-pin Euroblock



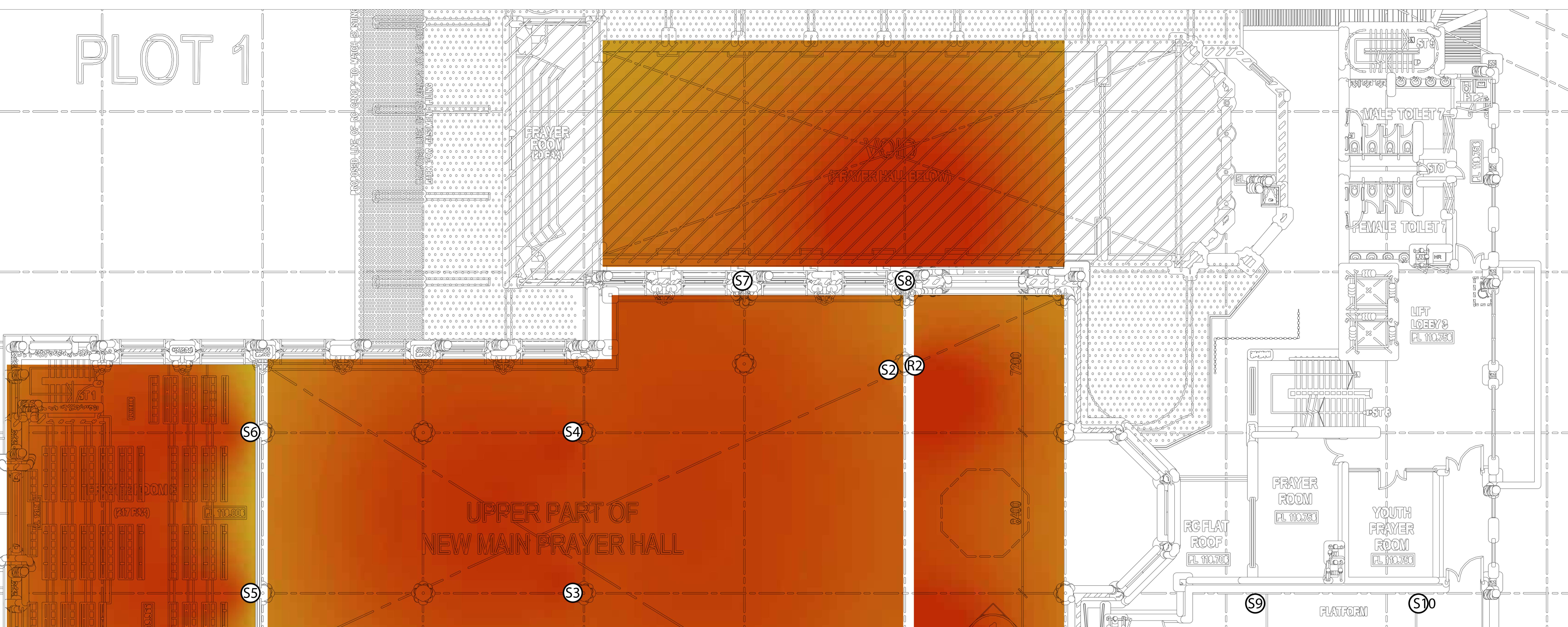
### EIGHT

### FIVE

87dB / 1W / 1m
105.5dB
72Hz - 20kHz
60Hz - 20kHz
@1kHz: 190 / 190°
@4kHz: 120 / 110°
5"
1" compression
8Ω
300W
4-pin Euroblock



PLOT 1



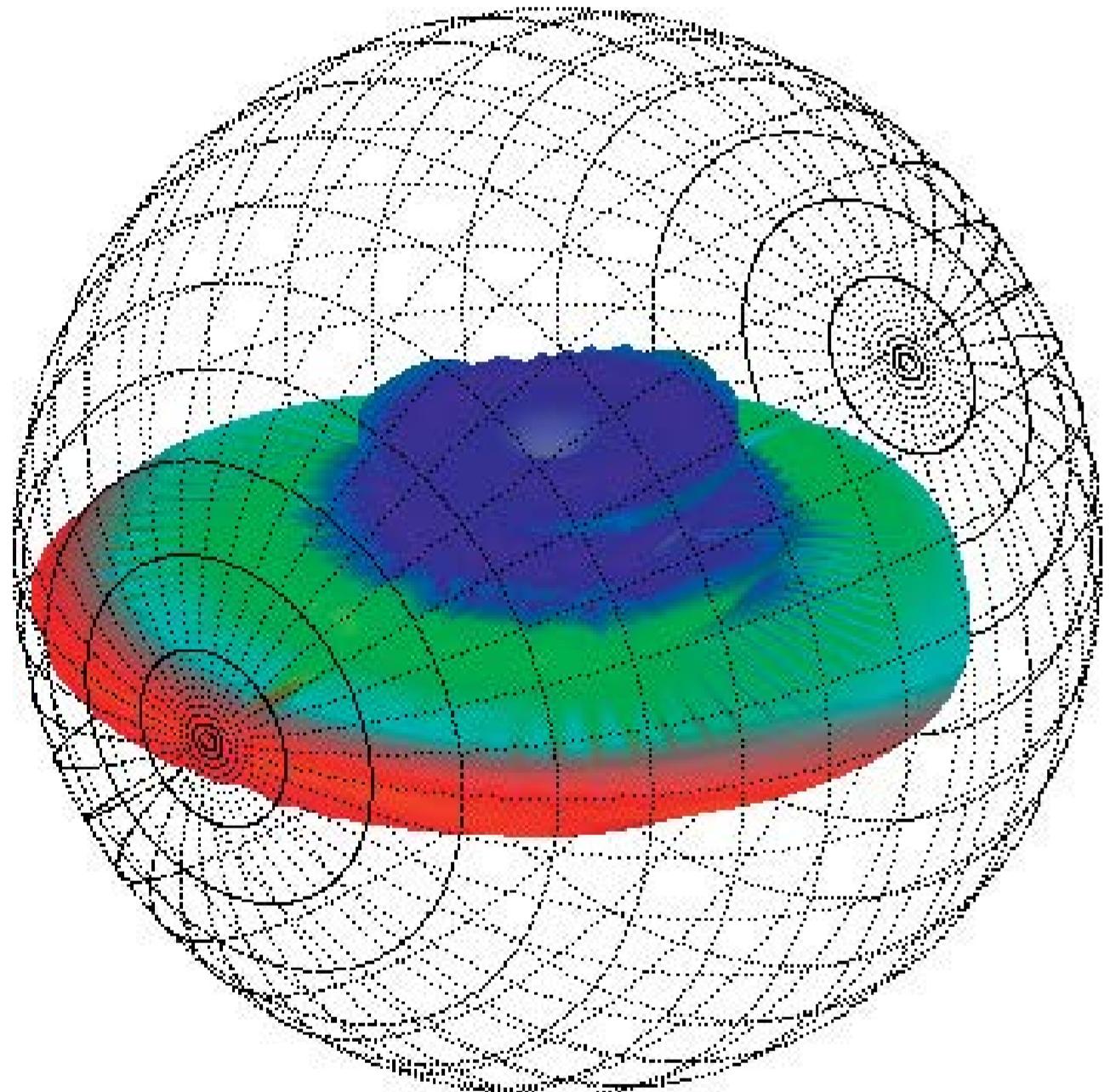
# Acoustic prediction

# Modeling & support

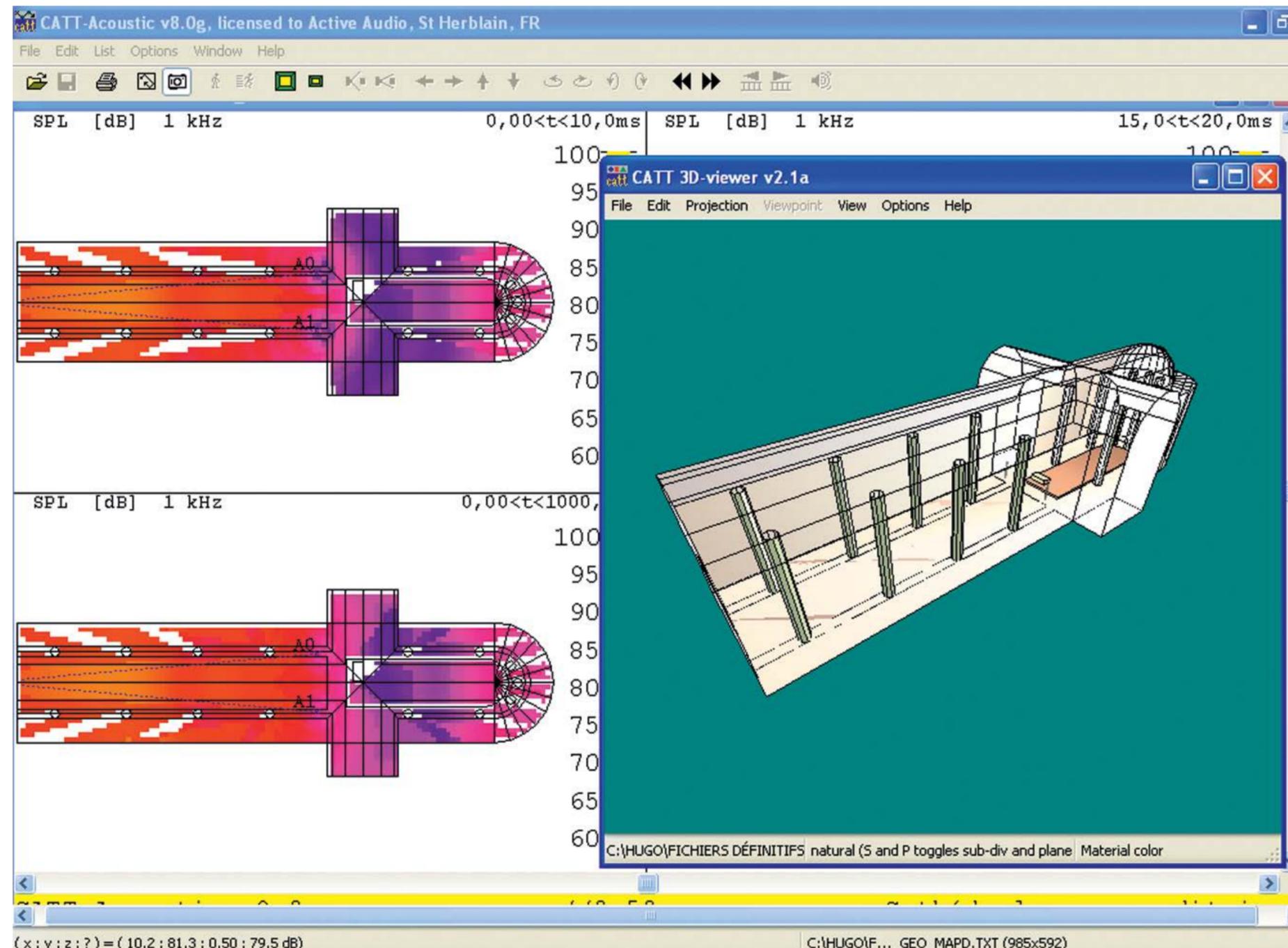
# Acoustic prediction

## Modeling & support

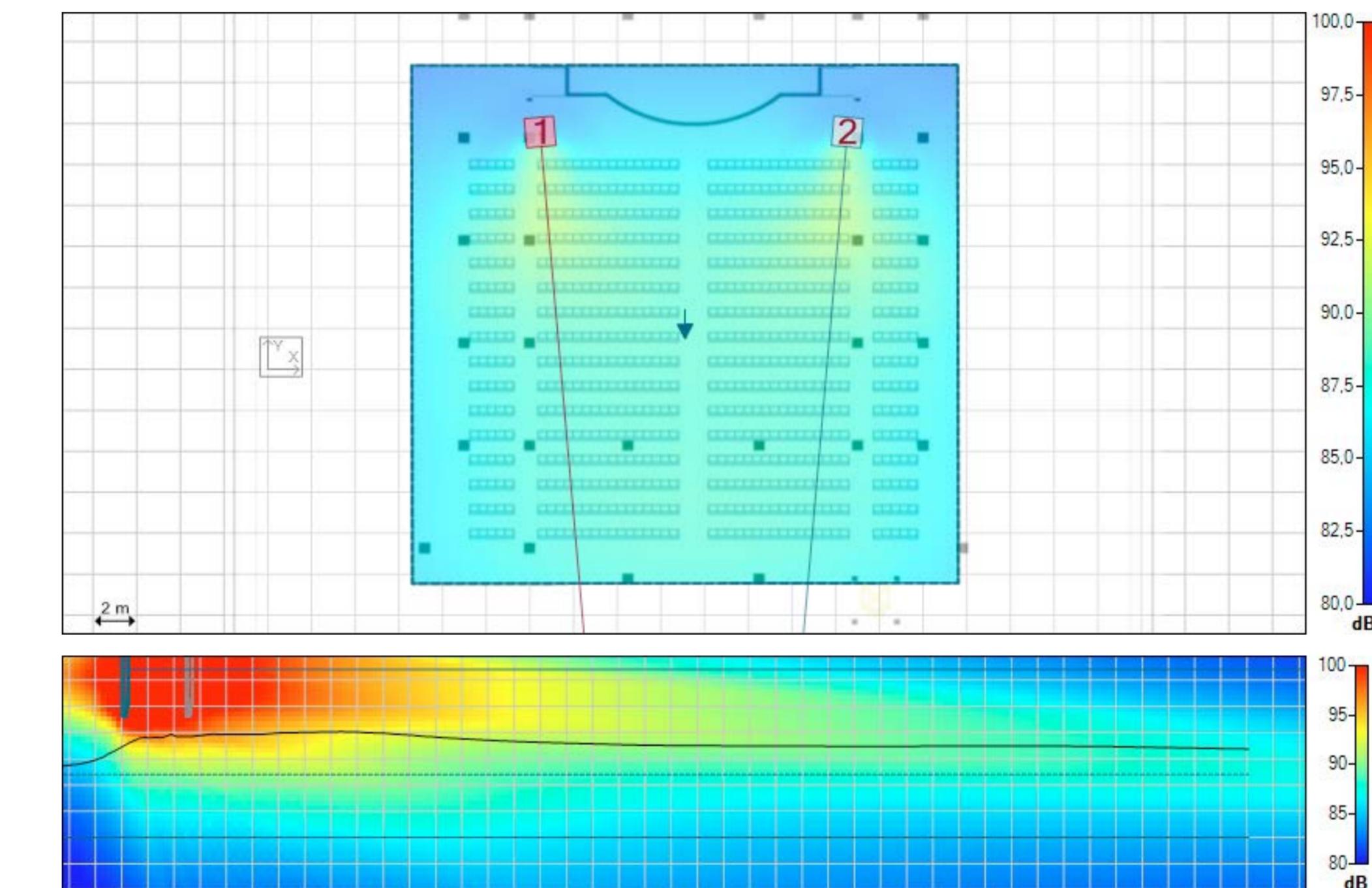
EASE



Catt-Acoustic



Ease-Focus



Technical support: [support@activeaudio.fr](mailto:support@activeaudio.fr)



L'acoustique active