



# VENUES

APPLICATIONS

**KGEAR**  
Smart Audio Solutions

**K-ARRAY**  
Unique Audio Solutions

**KSCAPE**  
Merging Senses



# VENUES

APPLICATIONS

Release October 2024

**K-ARRAY**  
Unique Audio Solutions

**KGEAR**  
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## Audio-visual integration in the realms of **venues**

comprehends diverse applications that have **common requirements** while also calling for **dedicated, custom tailored solutions**.

These applications often include **sound reinforcement** in theaters, broadcast studios, large congregations, cinemas and sport venues. We recognize the importance of **specialized, enduring systems** that **seamlessly integrate, are effortlessly manageable, and boast a sleek, unobtrusive design**.



This guide explores common challenges and unveils the **innovative solutions K-ARRAY** provides. K-array adopts a unique approach, strengthened by seamless collaboration with distinct brands including: **KSCAPE**, which integrates light and sound into a single product for architectural lighting installations. **KGEAR** extends K-array's catalogue

of unique and cutting-edge solutions with smarter, more traditional options. While maintaining K-array's high audio quality standards, **KGEAR** offers system solutions that are particularly valuable when budget considerations are paramount. These synergies equip integrators with comprehensive tools to address challenges effectively.



“

Our goal is to elevate  
the audio-visual  
experience across  
diverse sectors,

**turning obstacles  
into opportunities**

to ensure optimal  
sound quality in every  
seat of your venue.

As a technical director, sound engineer, architect, or venue manager, you understand the **vital role that sound plays** in shaping experiences within event venues. Whether it's a theater performance, a cinematic film, an impassioned sermon, or an exciting sports match, **sound sets the atmosphere, evokes emotions, and facilitates clear communication.** But creating the perfect auditory experience involves overcoming several challenges, each unique to the venue and its purpose.

This **guide**, crafted by experts and technicians who speak the language of audio and share the same passion, is here to navigate you through **K-ARRAY's solutions for a professional experience.**

# Understanding the sound: your essential companion

Sound is more than just a backdrop in event venues; it is a critical element that helps create **immersive experiences**. Whether it's the nuanced vocals in an opera or the electrifying commentary in a sports stadium, the quality of your audio system can either elevate

or undermine your event. Achieving superior audio performance involves several factors. Together, we will delve into **understanding the distinct needs** of different spaces and selecting the **appropriate audio equipment**.



## Scalable Systems:

Adaptable to different venue sizes, from intimate spaces to large theaters and outdoor arenas.



## Innovative Technology:

Advanced audio solutions for precise control, directivity, and power, ensuring optimal coverage.









# Enhancing secondary areas

When discussing venues for medium and large-scale events, the concept of integrating solutions that seamlessly blend both audio and lighting into a single product might seem unconventional. However, when we consider the diverse spaces within these environments, including secondary areas, entrance

zones, ticketing and information desks, lounge spaces, artist dressing rooms, restaurants and bars and more, it becomes evident that relying on an architectural lighting product capable of delivering high-quality distributed audio is a practical choice.



Such a solution should effortlessly integrate into existing setups, offering easy installation and intuitive control.





# Achieving Superior Sound Experience

K-array's commitment to delivering **superior sound experiences** is evident in its presence in prestigious venues like the Royal Opera House in London, the Teatro alla Scala in Milan, the Boston Ballet, and the Havana Theatre in Cuba, among others.

These solutions, which blend **power, sleekness, and adaptability**, enable professionals to tailor an **exceptional auditory experience** not compromising the venue's aesthetics or the audience's experience.



# Feel the light with integrated audio

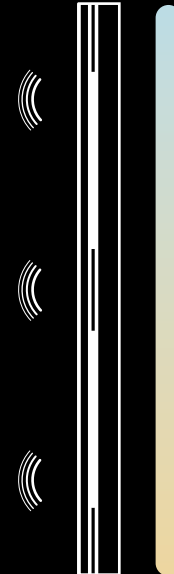
KSCAPE revolutionizes every spaces by integrating high-quality light and sound into one architectural product.



With RAIL, KSCAPE introduces a unique solution that balances visual and auditory comfort.

This system provides a controlled Unified Glare Rating (UGR) and customizable light temperatures, aligning with natural light rhythms to enhance focus and productivity. Simultaneously, RAIL allows for the subtle integration of sound, offering

background music and sound masking directly from the light source. This eliminates distractions and creates a serene atmosphere. Such a multifunctional approach simplifies installation and ensures a uniform and aesthetically pleasing environment.



A well-designed lighting setup in entrance areas and secondary spaces of venue facilities plays a crucial role in **creating an ideal and comfortable environment**. It sets the stage and enhances the anticipation for the main event held in the principal hall. By carefully **crafting the lighting ambiance**, venues can provide visitors with a preview of

the **immersive experience** they will encounter in the main venue, ensuring a seamless transition and an engaging atmosphere. For a solution that seamlessly integrates into existing setups, offering easy installation and intuitive control We proudly introduce **RAIL** and **KSCAPE**.



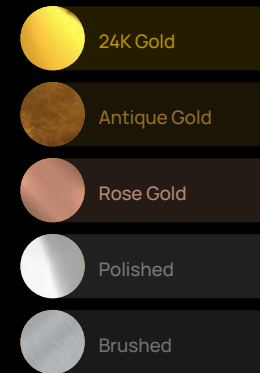
The RAIL system allows for the creation of an emotional and immersive environment with a single product in which sound and light coexist and seamlessly integrate into the architectural space.



# Harmonizing audio with heritage:

## K-array's elegant solutions

In historic theaters and cultural venues, audio solutions require a delicate balance of **aesthetic harmony** and **technical excellence**.



K-array speakers, customizable in premium finishes and **RAL colors**, offer discreet yet powerful audio integration that **respects** these sites architectural grandeur and historical value.

Built with durability in mind, **K-array systems ensure longevity**, reducing the need for frequent replacements and supporting sustainable budgeting. This approach fulfills practical audio needs and aligns with the **conservation** and **respect** of each venue's unique heritage, proving that modern technology and historical settings can **coexist in perfect harmony**.







# Complete audio ecosystem by K-ARRAY Group



K-ARRAY Group is revolutionizing the audio solution landscape by offering an integrated ecosystem that combines the strengths of **K-ARRAY**, **KGEAR**, and **KSCAPE**. This holistic approach ensures a seamless user experience, from hardware to software, underlining our commitment to being a one-stop shop for diverse audio

needs. Emphasizing ease of control, we introduce the newly designed K-Control app. This innovative software features a customizable dashboard, allowing for tailored user experiences per project. It is a testament to our dedication to user-friendly, accessible, and efficient control over audio setups.

# The vital role of natural acoustics

In spaces like theaters and concert halls you strive to **ensure natural sound reproduction and achieve uniform sound distribution**. Your audience, often purists, expect an unaltered and homogeneous listening experience, no matter where they are seated. **The natural acoustics of these spaces play a critical role** in the performance. Historically,

musical genres such as opera and classical music relied on the inherent acoustics of the venue to amplify the singers' vocal abilities and create the optimal environment for musicians. Today, these venues also host diverse musical genres and contemporary theater productions with multimedia elements, necessitating effective sound reinforcement.

A significant **challenge** for sound engineers and theater owners is **designing systems that not only reinforce sound but also amplify when necessary, ensuring a consistent audio experience for every audience member**.















# Theatres and Concert halls

K-array addresses issues caused by natural acoustics and long reverberation fields, such as unwanted reflections, poor sound dispersion, and intelligibility losses, with their specialized line-array families: Python and Kayman, both part of the Pinnacle series. These high-end systems, particularly the KR408 to KR808 models, are becoming standard for top-tier theaters. Utilizing Slim Array Technology (SAT) and Pure

Array Technology (PAT), these speakers ensure excellent sound response, extended projection, and uniform distribution. The modular columns, ranging from 50 to 100 cm in length and only a few centimeters wide (3" to 4" depending on the model), allow for virtually invisible integration, contributing to the magic of theater and ensuring consistent audio quality for every seat.

The combination of SAT and PAT guarantees outstanding performance and addresses critical challenges in modern theatrical audio engineering.

PURE  
ARRAY  
TECHNOLOGY



SLIM  
ARRAY  
TECHNOLOGY





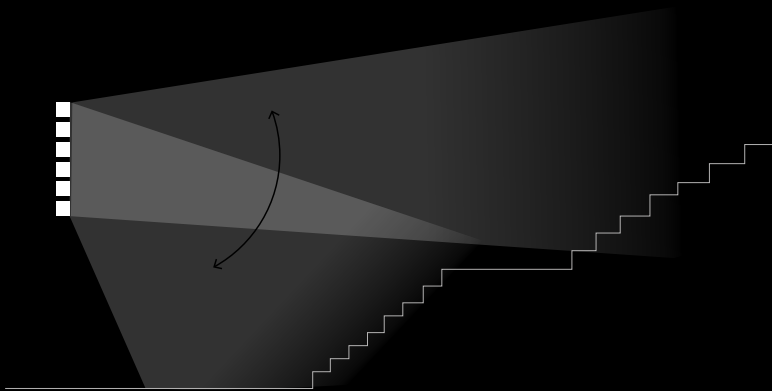
## Ensuring adaptability to unique architectural needs

It is vital to preserve the historical and artistic value of theaters while also ensuring the musical integrity of performances and assure intelligibility. Each of your architectural structures of theaters and concert halls demands flexible and adaptive sound solutions. For

these needs, K-array introduces the **Anakonda**, the first flexible speaker. This innovative product is capable of adapting to any curved surface, making it an ideal choice for your front-fill or under-balcony fill applications.



K-array's Electronic Beam Steering (EBS) technology is ideal for sound reinforcement in historic theaters and challenging acoustic spaces. This advanced technology enables precise electronic orientation of the sound beam for effective coverage, whether creating a homogeneous or selective sound field. EBS is crucial for seamlessly integrating speakers into historical spaces without compromising their aesthetic integrity.



The new KY-102-EBS features dedicated control from the Kommander-KA18 amplifier in EBS mode, allowing precise steering with FIR filters and robust speaker management. It is scalable and adaptable, compatible with powerful amplifiers like the Kommander-KA208 for larger installations.

# Monitoring systems and FOH audio solution

Mixing live events is a fine art where technicians must navigate various challenges to ensure perfect sound. They need to be provided with **optimal listening conditions** even in the presence of **high sound levels** from the main system, especially in venues lacking isolated

control booths. The Pinnacle K-FOH2, our latest portable system, utilizes the Python-KP52 I speakers, prized for their compactness and portability, powered by the active subwoofer Thunder-KS2 I. **Optimal for swift setups, it comes in a flight case for easy transport.**

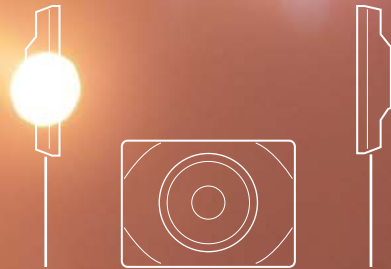
With Pure Array Technology (PAT), the K-FOH2 delivers a powerful and precise audio experience and perfect robust monitoring, unaffected by PA interference.







**K**



# Empowering audio professionals

K-array meets the needs of audio industry professionals, system designers, sound technicians and PA managers offering cutting-edge solutions complemented by a **suite of software and applications**. Central to these tools is K-framework, a powerful 3D modeling software designed

to assist in advanced acoustic design challenges. It **simulates sound performance** across various applications, providing efficient solutions for optimal speaker system configurations and **facilitates implementation of all our technologies** like EBS, ABC (Advanced Bass Control).



## **K-FRAMEWORK 3D**

• 3D MODELING • ACOUSTIC SIMULATION • SYSTEM CONFIGURATION • FIR CALCUL

MOBILE PC/MAC LOCAL REMOTE



DESIGN



CONFIGURE



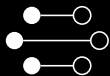
OPTIMIZE



TUNING

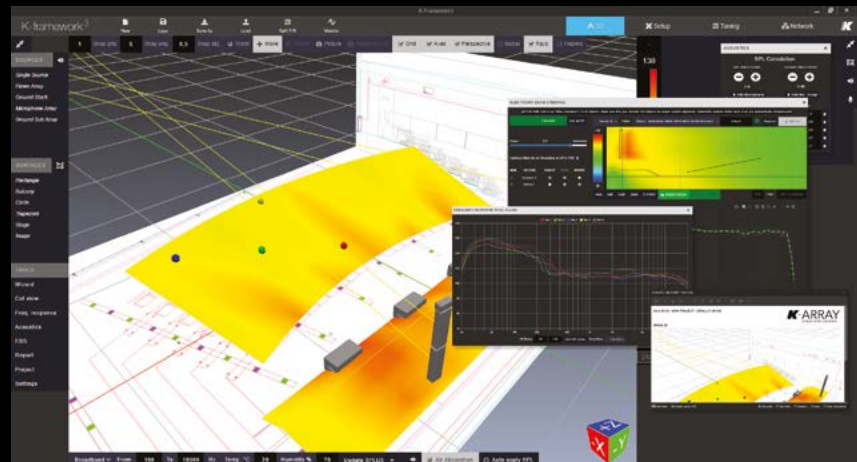


MONITOR



## SOFTWARE SUITE

3D design, setup and management





# Cinemas: immersive sound requirements



In cinema venues, the sound system must not only be natural and evenly dispersed, but it also requires an immersive quality that adheres to the stringent

specifications of certifications such as Dolby and Dolby ATMOS. These also require sound to emanate from sides, rear, and ceiling, creating a truly immersive sound field.





## Intelligent electronic

K-array's systems come equipped with **smart and intelligent electronics** thanks to the Kommander-KA amplifiers family. This allows for **compatibility with Dolby Surround, Atmos, and multichannel setups.**



## Dolby certified solutions

K-array offers a series of **powerful solutions** that meet these demands, all of which have been **approved by Dolby technicians and incorporated into their design tool (Dardt).** This marks the first time that products with line-array technology are available in such a tool.



## Low impact bass

When your **cinematic experience** calls for **powerful, earth-shaking bass**, K-array's dedicated **infra-subwoofers line**, such as the KSC12P and KSC18P, steps into the picture. These subwoofers not only have a **small footprint and minimal visual impact** but also **deliver high Sound Pressure Level (SPL)** to excel in demanding conditions.

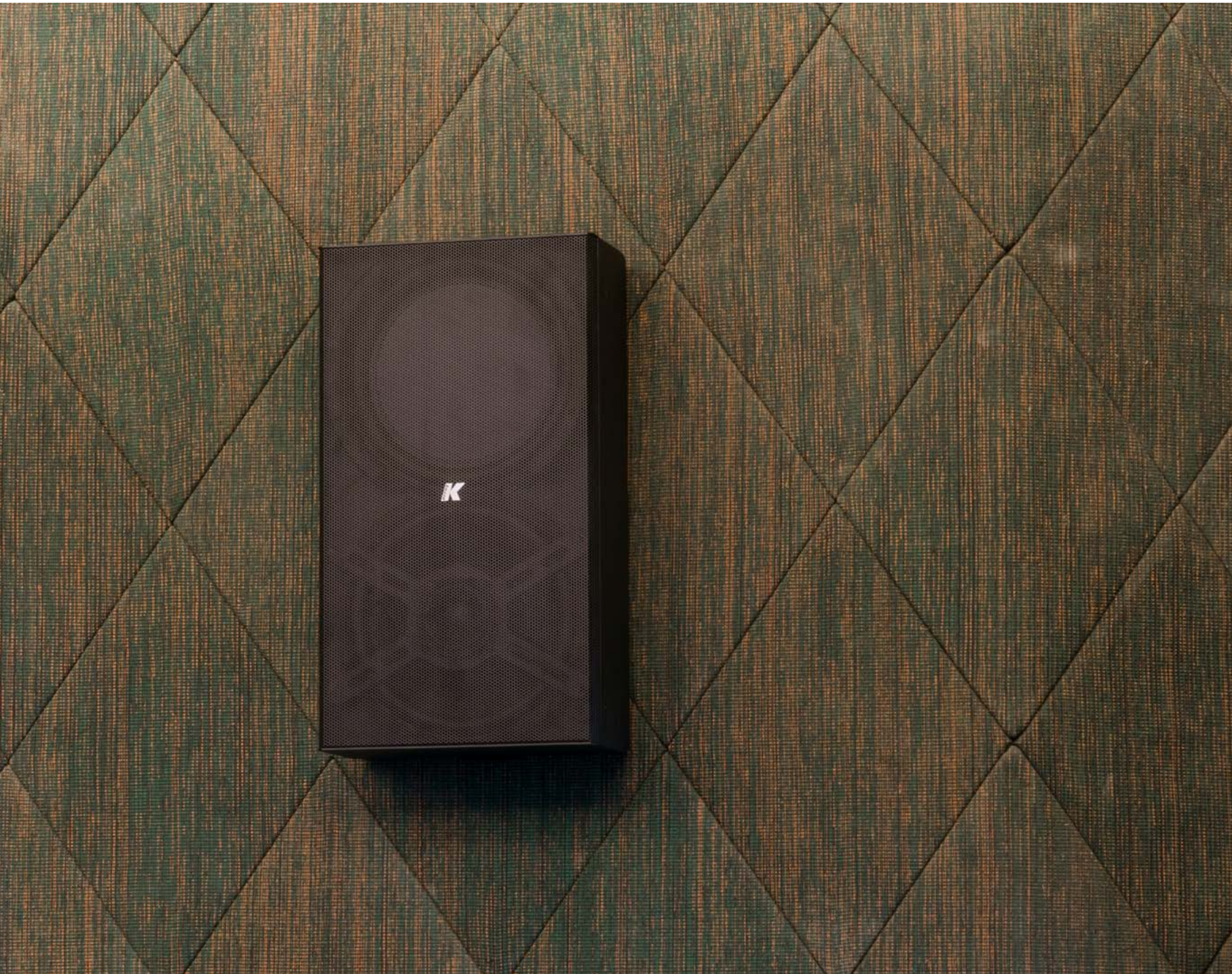


## Full-range preset

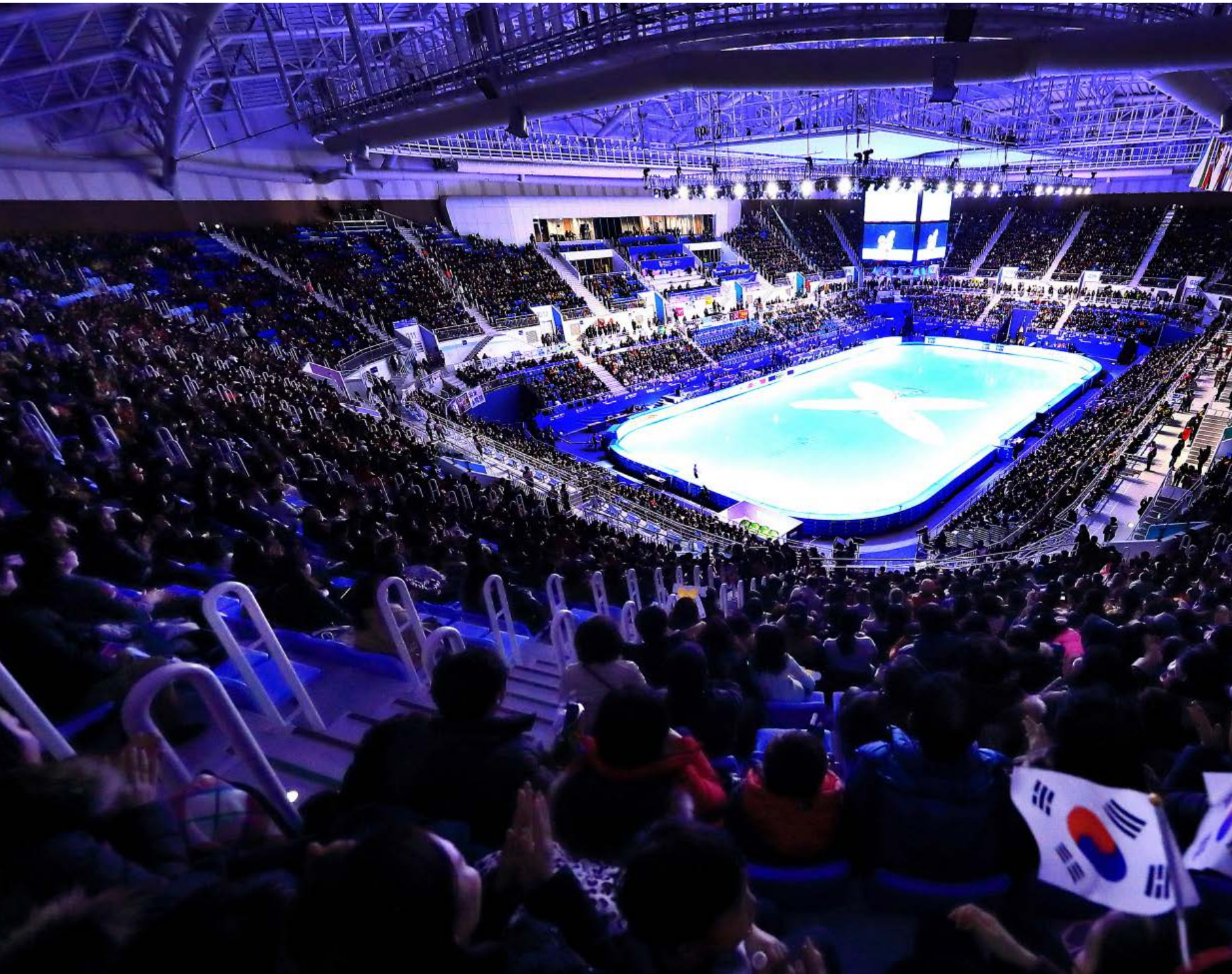
Our latest line array speakers offer versatile **full-range configuration with a frequency response starting from 70 Hz**, ensuring **exceptional low-frequency reproduction and unmatched precision.** This is particularly advantageous in cinematographic applications, allowing better integration with infra subwoofers **for a more immersive audio experience.**















# Large congregations and Sport venues challenges

In settings like religious congregations, stadiums, arenas, and sports halls, the acoustics can often be challenging due to the sheer size of the spaces, which are most of the time not acoustically treated. The primary issue to manage in these cases is

the intelligibility of sound due to excessive reverberation. Sound installation and design in these environments need careful planning to avoid unnecessary sound dispersion on reflective surfaces like back walls and ceilings.

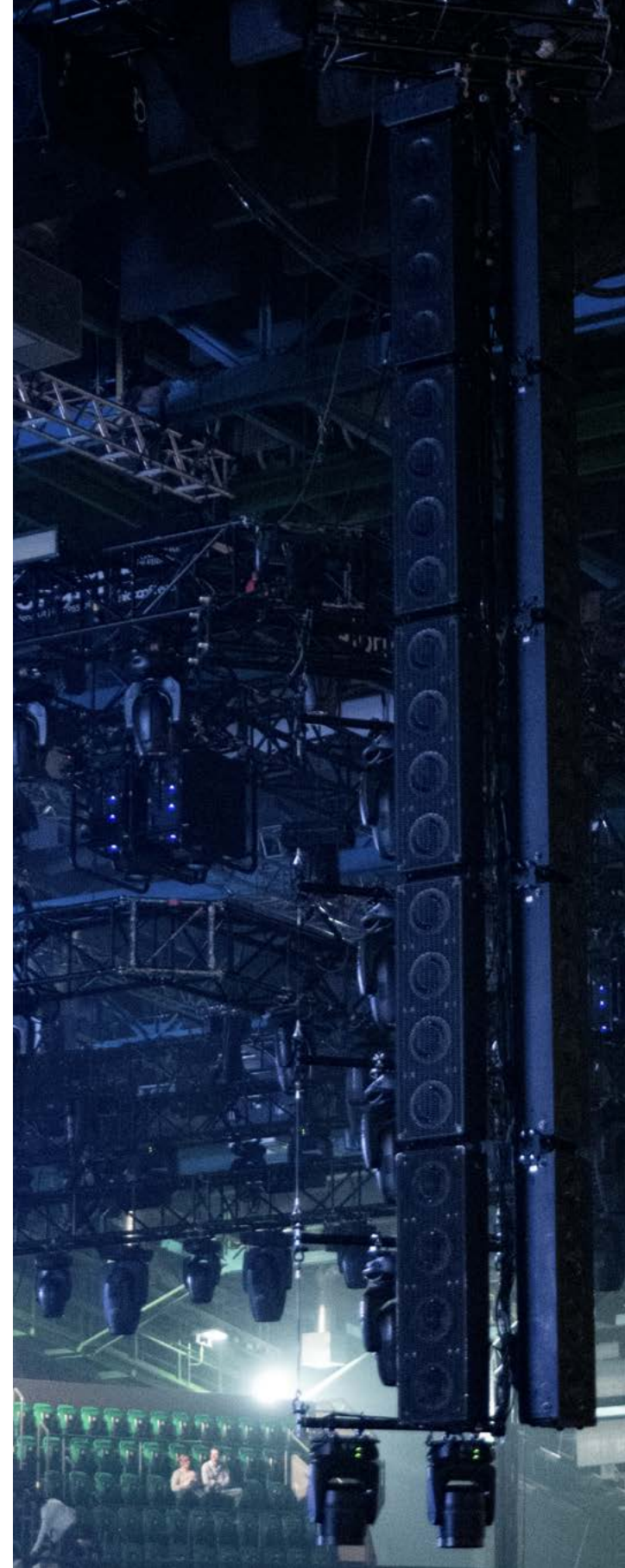
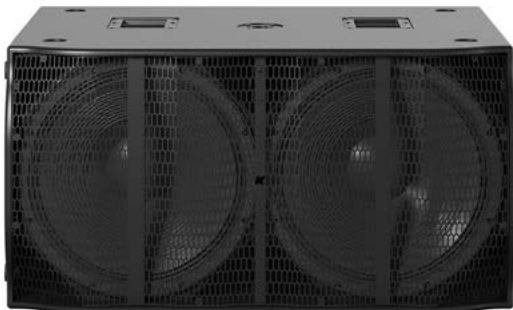
## Addressing acoustic needs in less demanding spaces

For less demanding environments where a more cost-effective solution is needed, the High-Performance line from KGEAR offers a more traditional approach to sound technology.

This line of products brings together quality and affordability to address a wide range of audio needs in various environments.

# Concert series: innovation with Firenze System

To address the demands of large events and to deliver high SPL and clear sound reproduction, we have made a significant enhancement to our flagship events line system – the Firenze-KH7P I lightweight and compact line array element, along with the Firenze-KS7P I subwoofer known for its exceptional definition, precision, and high performance. Now, these components are offered in a full-passive configuration, ensuring adaptability and efficiency.







To address the problems posed by these vast spaces with poor acoustics, using extremely directional line arrays can be a tremendous aid. Particularly effective when they implement technologies such as K-array's SAT (Slim

Array Technology), they can reduce lateral and posterior dispersion. With the EBS technology, sound can be electronically steered to homogenize coverage or avoid hitting undesired areas.

## Impactful sound and accurate intelligibility

Our Slim Array Technology converges with Electronic Beam Steering (EBS), facilitated by advanced control from the Kommander-KA104LIVE and Kommander-KA208LIVE amplifiers.

Striking the **perfect balance between power and intelligibility**, allowing for seamless adaptation to various venue sizes, the result is an **immersive sonic experience** that remains **consistent and impactful** across diverse event spaces all encapsulated in the scalability and modularity that define our systems.

# Professional audio in Broadcast and Entertainment

Meeting the demands of modern broadcasting requires audio solutions that ensure **high standards** in every scenario. This necessitates versatile electronics and reliable suppliers offering **comprehensive A to Z systems**, from **technical gear to software solutions**. Integrated solutions simplify technical management and ensure

seamless synergy among components. Relying on **network audio is crucial**, exemplified by our updated **Kommander-KA amplifiers**. The new **IEB-Pro** in the Kommander-KA+ version enhances network capabilities, facilitating audio over IP with upgraded **DANTE channels**, perfectly meeting broadcasting needs.





## Discreet near-field and monitoring solutions

In television studio recordings and transmissions, distributed sound reinforcement is essential, **ensuring optimal near-field listening and monitoring without obstructing filming.** K-array offers monitoring solutions ranging from the invisible **Lyzard-KZ14** to flexible **Anakonda-KAN200+**, seamlessly adapting to various productions. Many broadcasters and studios trust us for events like **Eurovision** and the **Grammy Awards**, where

even our **Tornado-KT2** speakers are customized for high-profile setups.

These solutions guarantee **excellent audio quality and versatility, crucial in contexts where bulky speakers could obstruct video capture.** K-array is dedicated to providing non-intrusive systems that enhance the audio-visual experience without sacrificing aesthetics or functionality.







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**K-ARRAY**  
Unique Audio Solutions

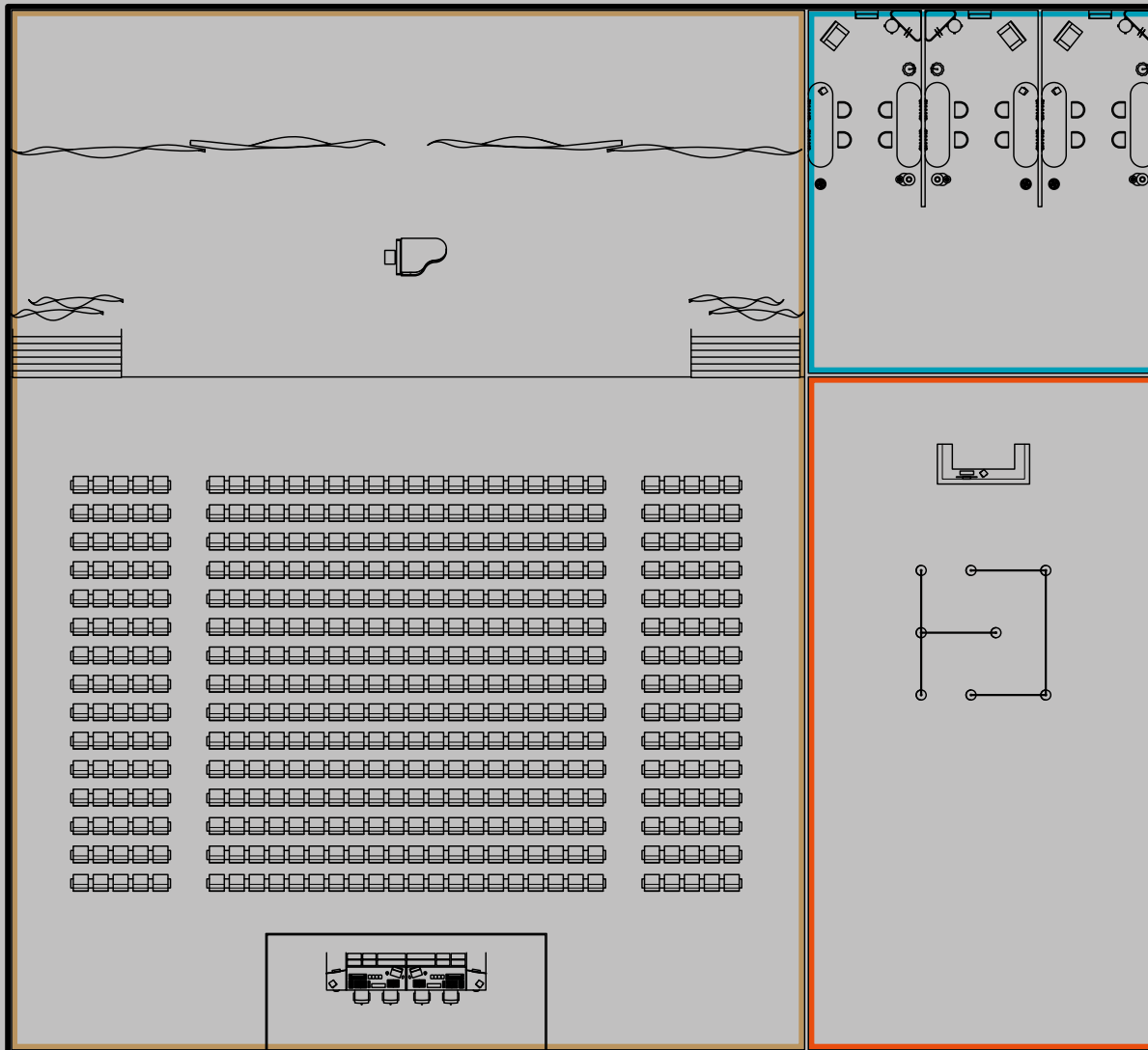
**KGEAR**  
Smart Audio Solutions

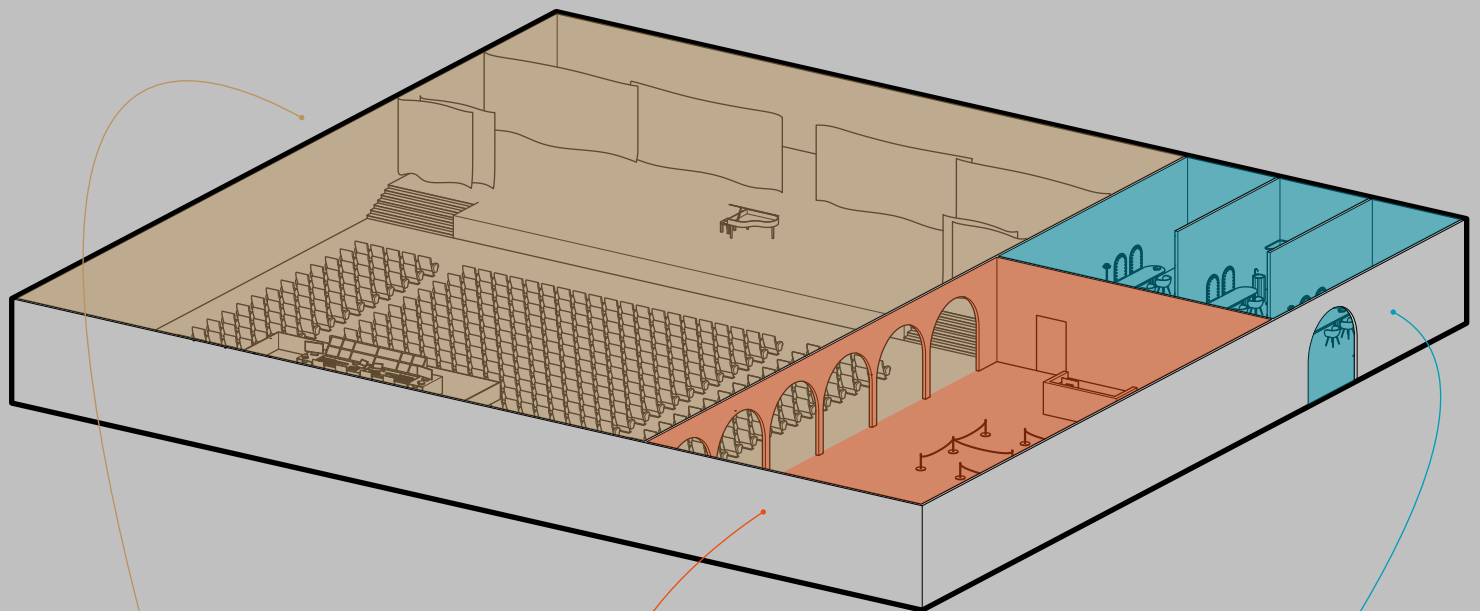
**KSCAPE**  
Merging Senses

# ECOSYSTEM Application

## Concert hall installation

This configuration shows an example of a concert hall installation





**K-ARRAY**  
Unique Audio Solutions

**KGEAR**  
Smart Audio Solutions

**KSCAPE**  
Merging Senses

# K-ARRAY

Unique Audio Solutions



## THEATERS

P. 38

Foyers  
Theater halls  
Opera houses  
FOHs  
Concert halls

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## BROADCAST STUDIOS

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Main studios  
OB Vans

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## LARGE CONGREGATIONS

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Main halls

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## CINEMAS

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Cinema halls

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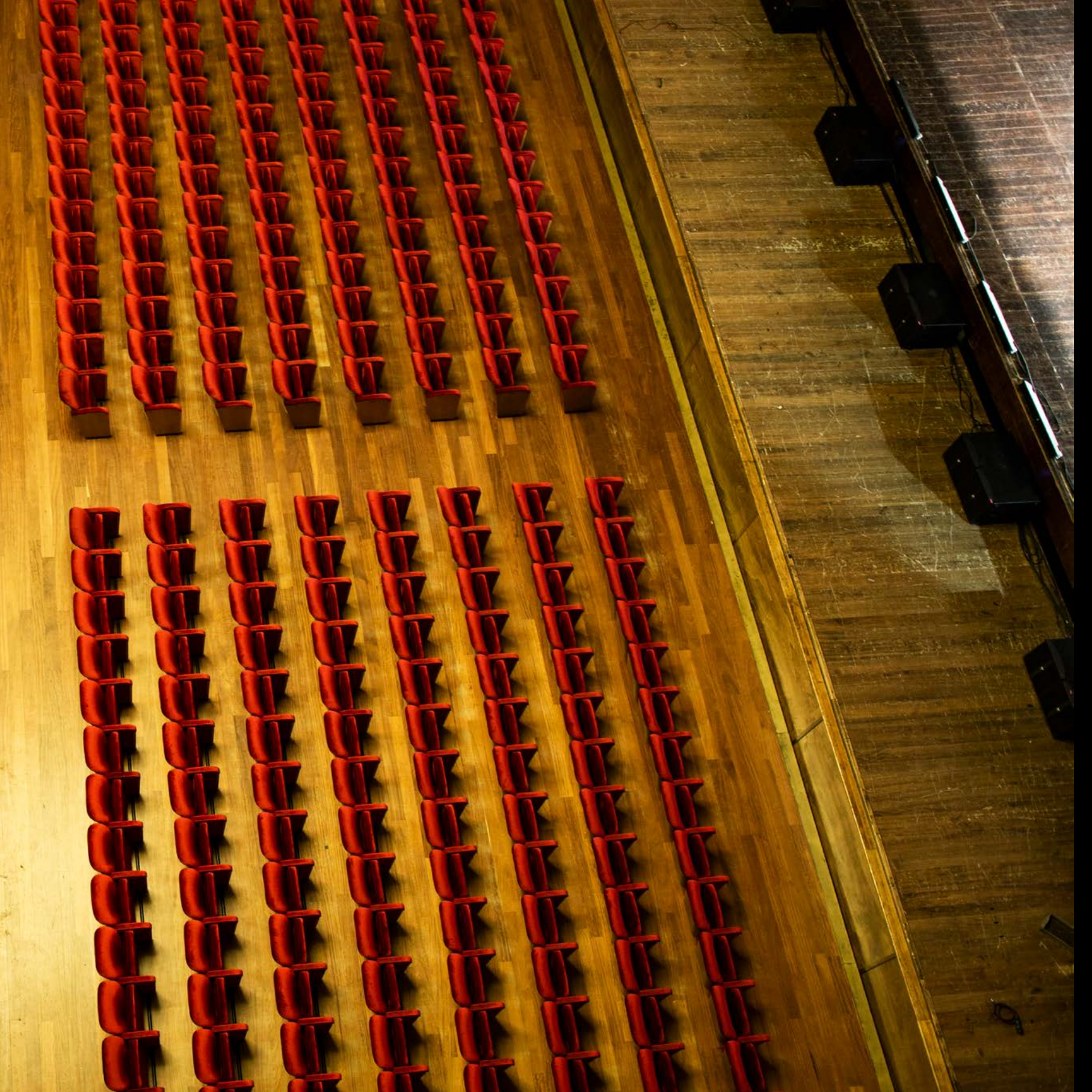


## SPORT VENUES

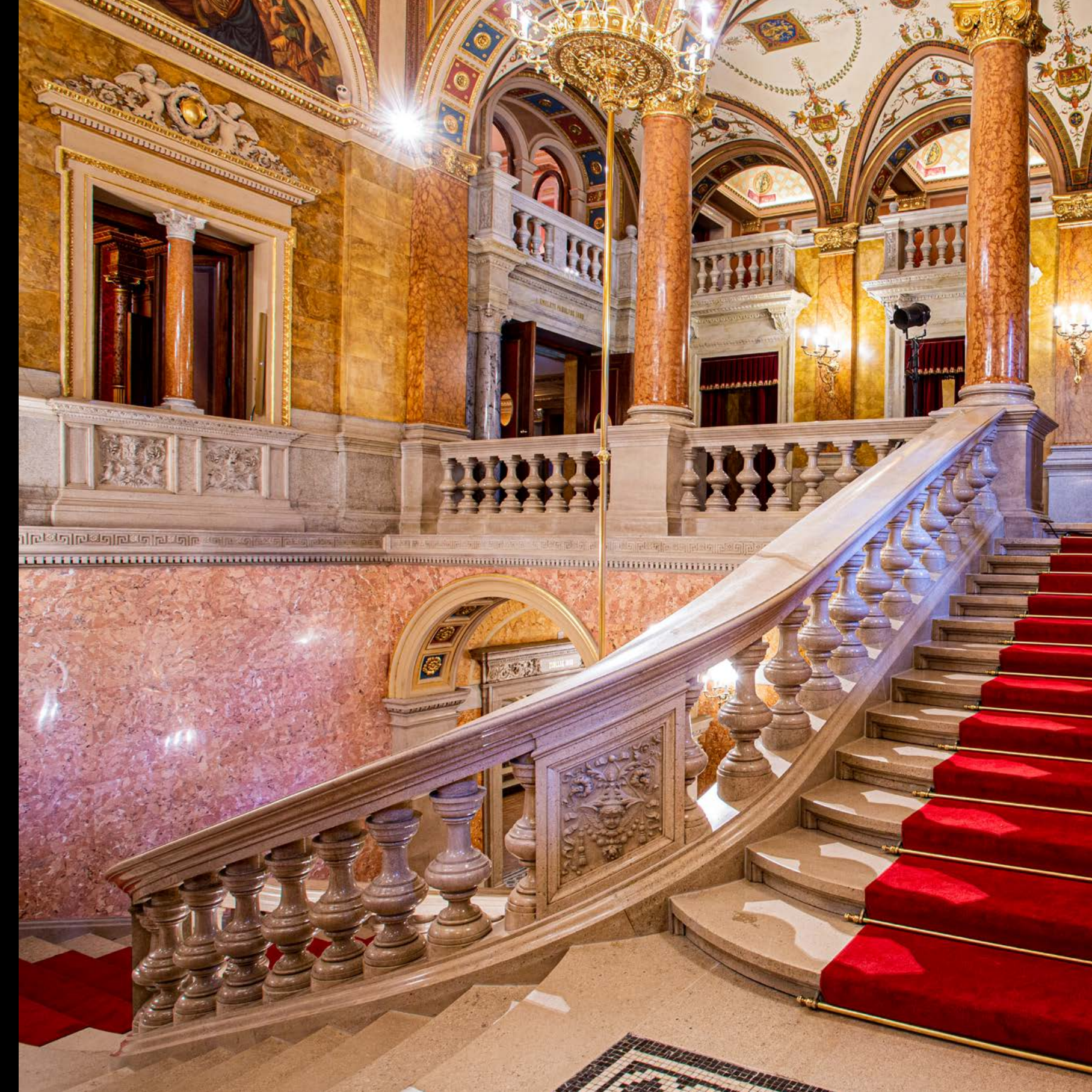
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Arenas  
Sky boxes  
Stadia  
Press rooms





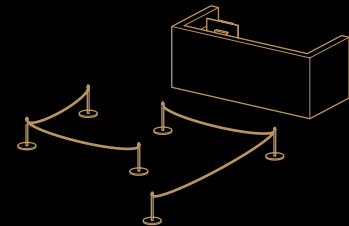








Theaters  
Foyers



**K**-ARRAY



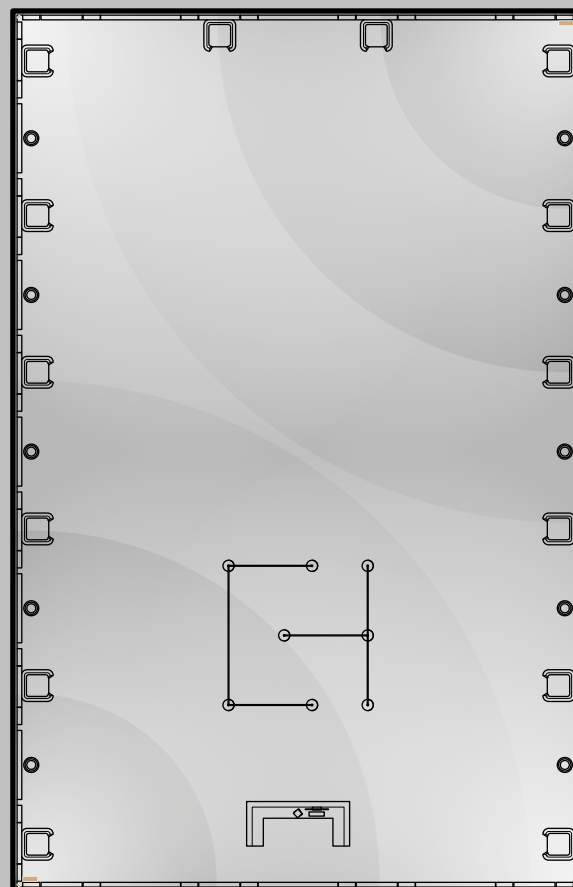
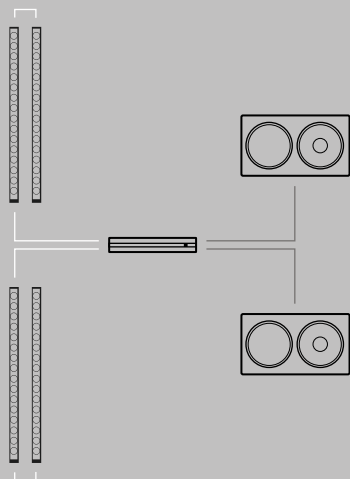
# FOYERS

## Configuration 1

645 sq m (6.942 sq ft)



● SPEAKER ● SUBWOOFER



**Vyper-KV102 II**

Speaker  
40 x 1000 x 22 mm  
1,8 kg



**Rumble-KU210**

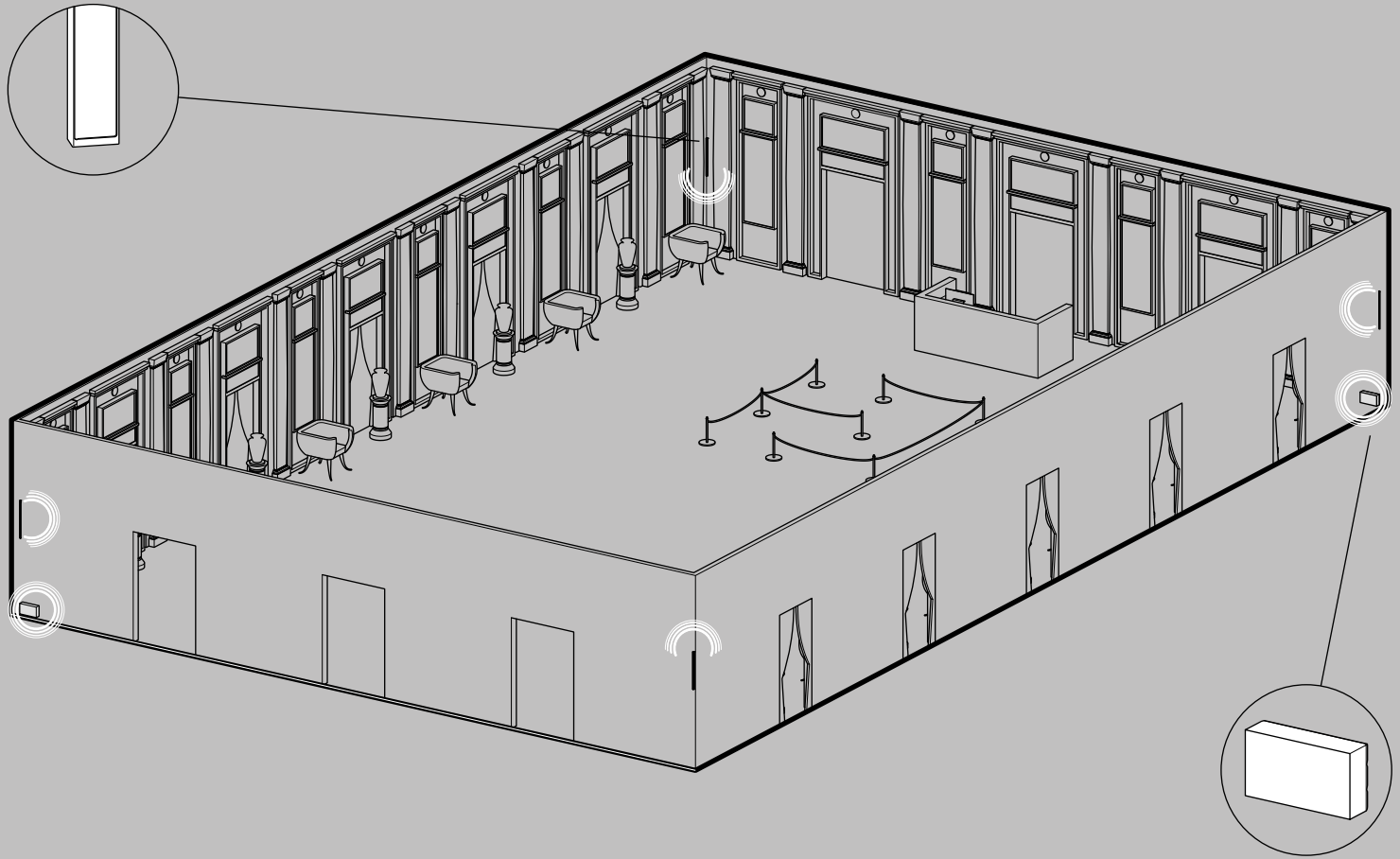
Subwoofer  
500 x 282 x 151 mm  
11 kg





**Kommander-KA04**

Amplifier 1,2 kg  
219 x 46 x 320 mm  
4x 150 W @ 4 Ω





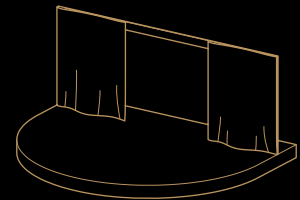
Conf.	Area	Speakers	Subwoofers	Amplifiers	Accessories	Music Use
1	645 sq m (6942 sq ft)	4x <b>Vyper-KV102 II</b>	2x <b>Rumble-KU210</b>	1x <b>Kommander-KA04</b>	/	
2	645 sq m (6942 sq ft)	8x <b>Tornado-KT2</b>	4x <b>Rumble-KU26</b>	1x <b>Kommander-KA04</b>	/	








Theaters  
Theater halls



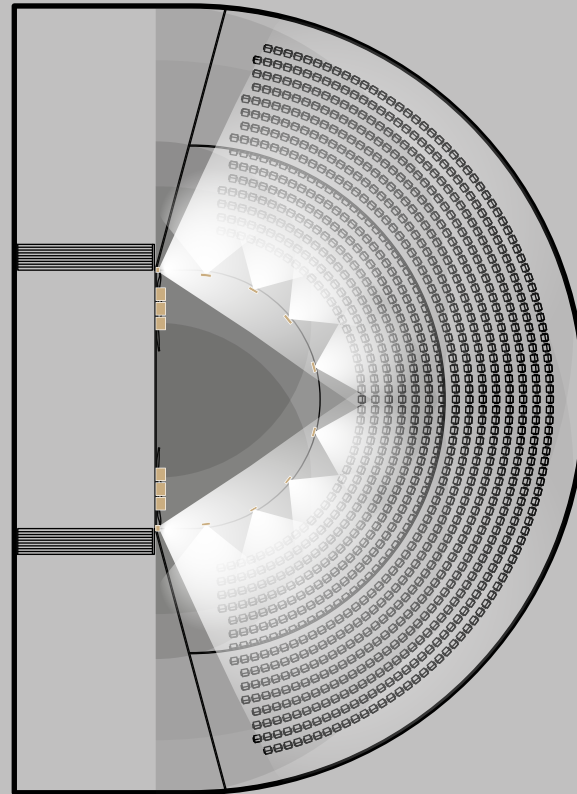
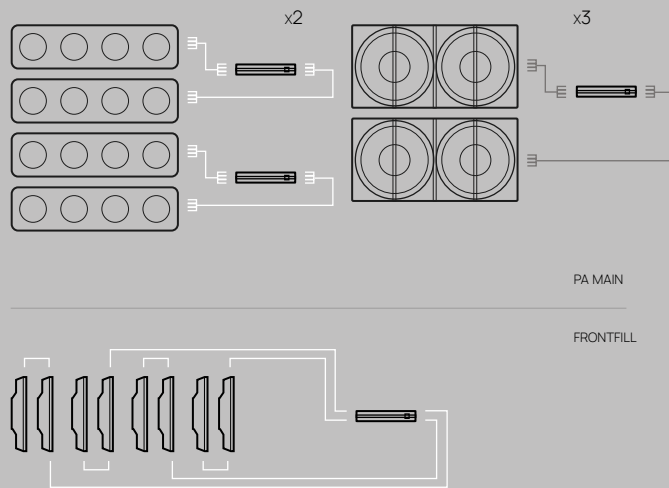
**K**-ARRAY

# THEATER HALLS

## Configuration 1

2340 sq m (25.187 sq ft) 

● SPEAKER ● SUBWOOFER



### **Python-KP52 I**

Speaker  
89 x 520 x 118 mm  
5,8 kg



### **Firenze-KH7PI**

Speaker  
1170 x 350 x 200 mm  
52 kg



### **Firenze-KS7PI**

Subwoofer  
1162 x 590 x 851 mm  
104,4 kg



### **Kommander-KA208**

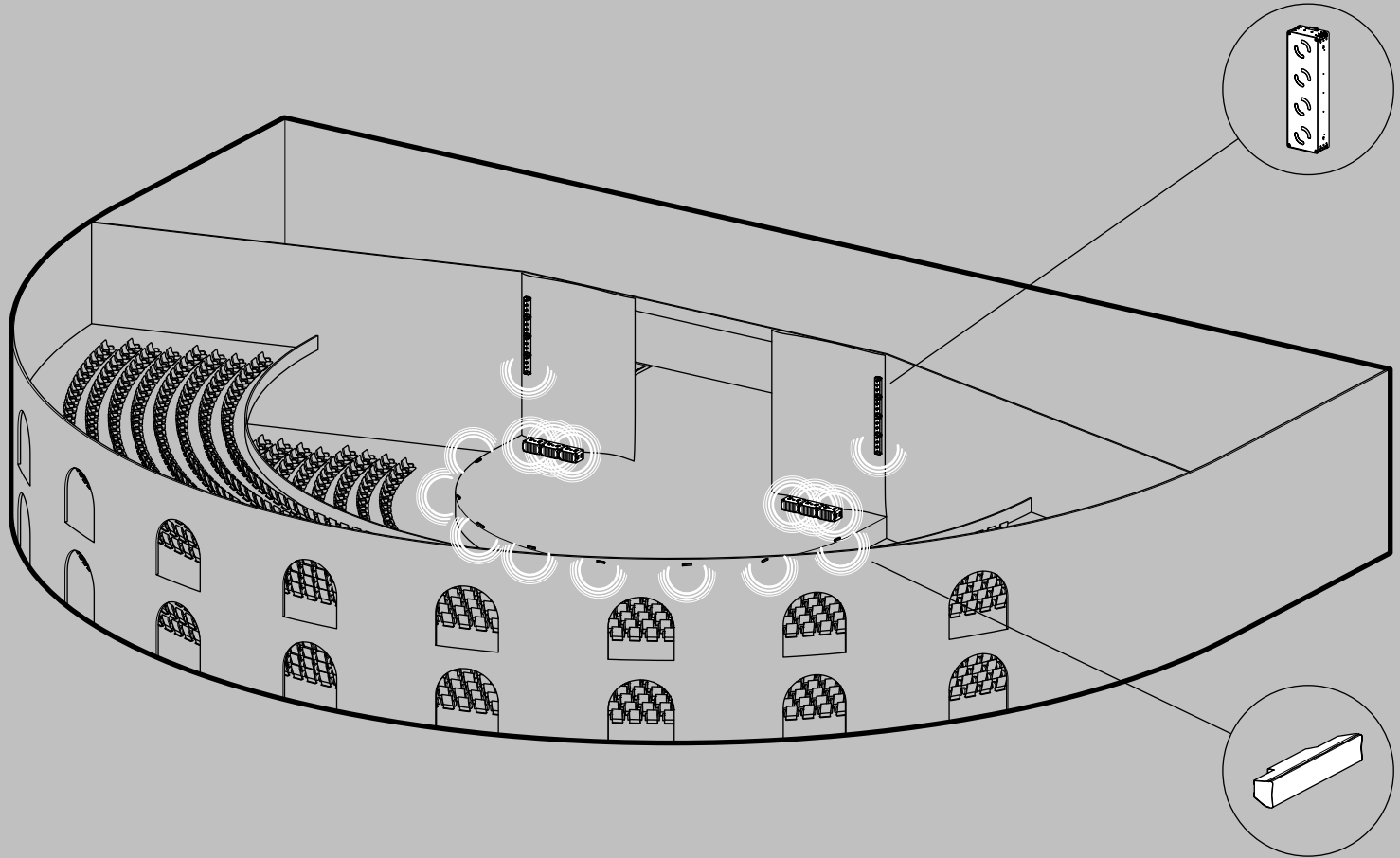
Amplifier 10 kg  
430 x 87 x 430 mm  
8 x 2500W @ 4Ω





### **Kommander-KA104**

Amplifier 8,15 kg  
430 x 87 x 430 mm  
4 x 2500W @ 4Ω





Conf.	Area	Speakers	Subwoofers	Amplifiers	Accessories	Music Use
1	2340 sq m (25.187 sq ft)	8x Firenze-KH7PI 8x Python-KP52 I	6x Firenze-KS7PI	7x Kommander-KA208 1x Kommander-KA104	2x KH7-FLYV 4x K-STAGE2	
2	2340 sq m (25.187 sq ft)	8x Kayman-KY102 8x Anakonda-KAN200+	6x Rumble-KU315	2x Kommander-KA208	2x K-FLY3 6x K-JOINT3	



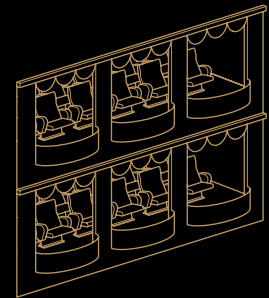






Theaters  
Opera houses


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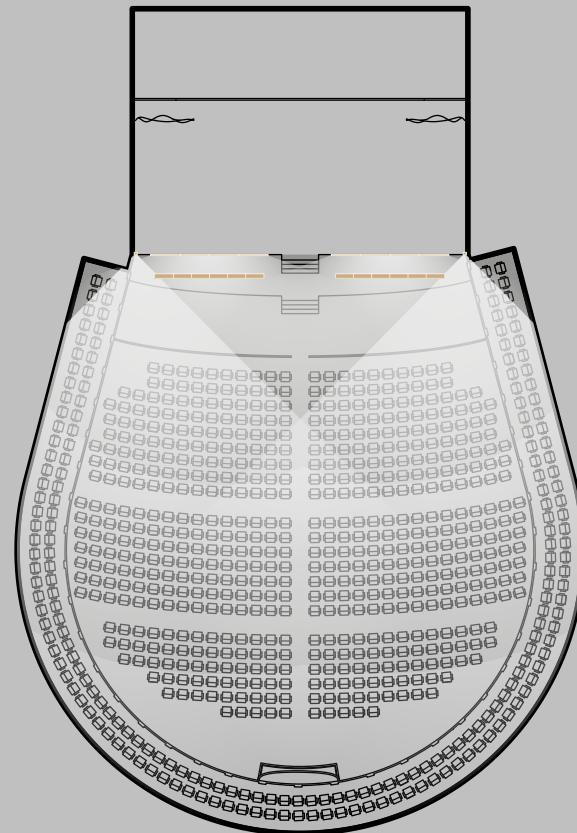
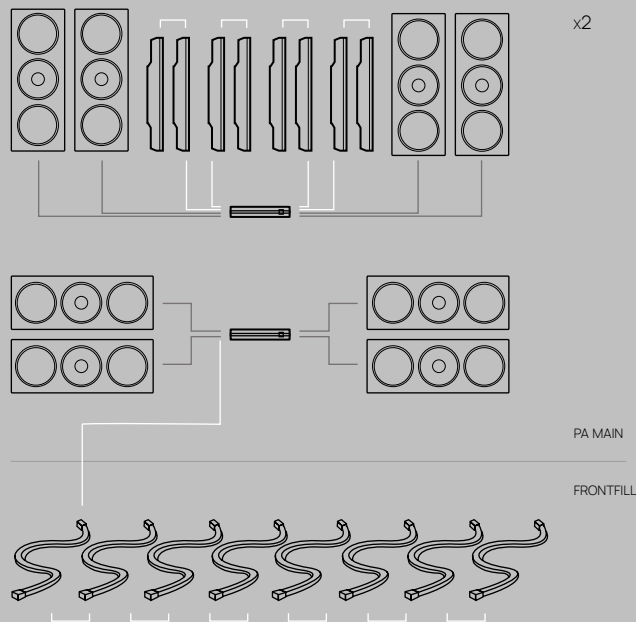
**K**-ARRAY

# OPERA HOUSES

## Configuration 1

1280 sq m (13.777 sq ft) 

● SPEAKER ● SUBWOOFER



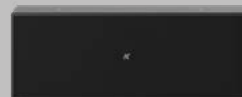
**Kayman-KY102**

Speaker  
116 x 1000 x 134 mm  
14,9 kg



**Anakonda-KAN200+**

Speaker  
2000 x 56 x 35 mm  
1,9 kg



**Rumble-KU315**

Subwoofer  
1230 x 450 x 250 mm  
40 kg

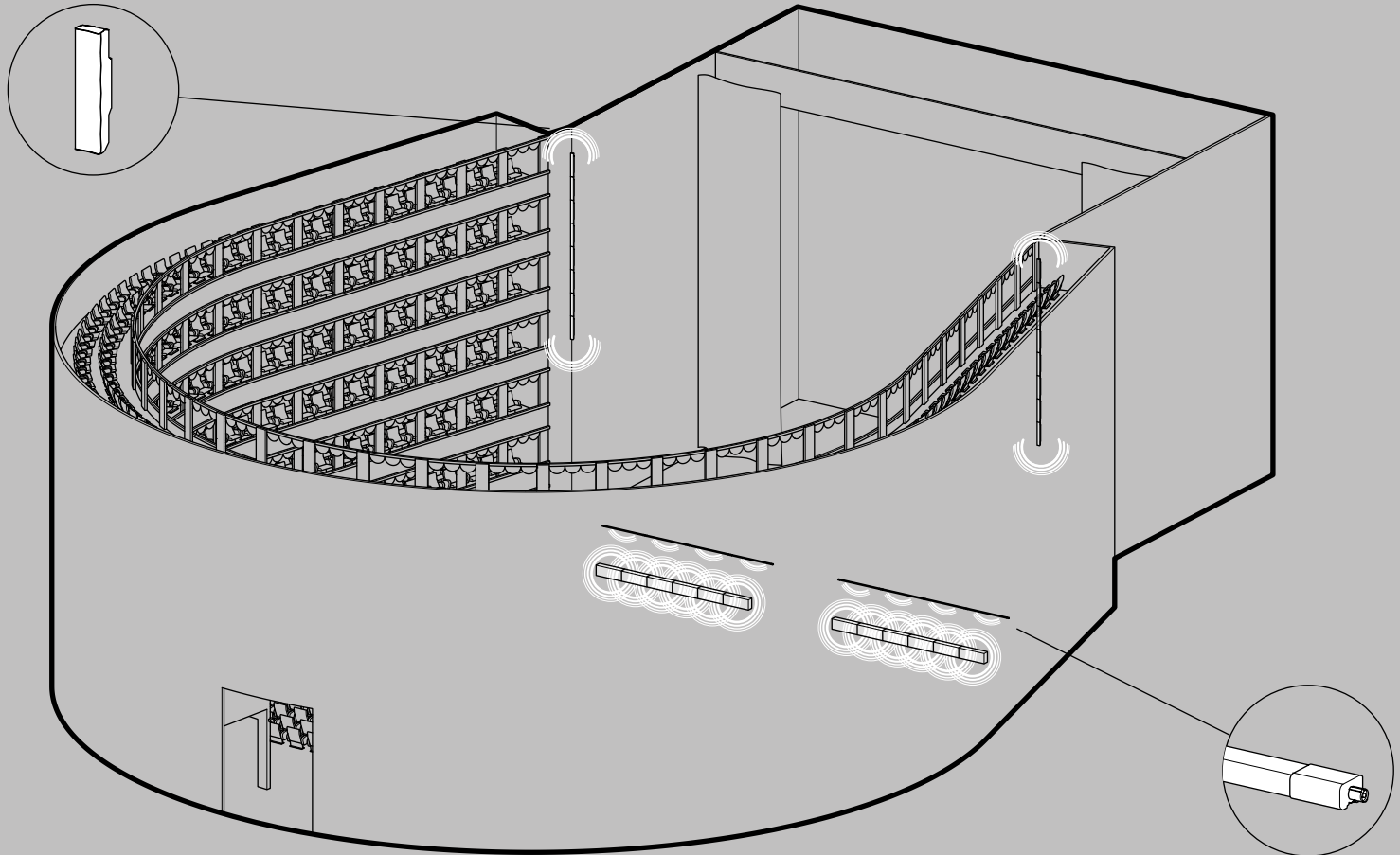


**Kommander-KA208**

Amplifier 10 kg  
430 x 87 x 430 mm  
8 x 2500W @ 4Ω







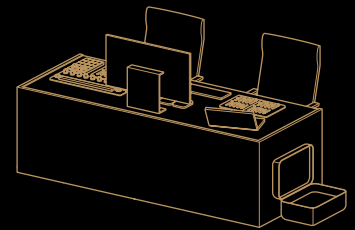
Conf.	Area	Speakers	Subwoofers	Amplifiers	Accessories	Music Use
1	1280 sq m (13.777 sq ft)	16x <b>Kayman-KY102</b> 8x <b>Anakonda-KAN200+</b>	12x <b>Rumble-KU315</b>	3x <b>Kommander-KA208</b>	2x <b>K-FLY3</b> 15x <b>K-JOINT3</b>	
2	1280 sq m (13.777 sq ft)	16x <b>Mugello-KH2</b> 6x <b>Python-KP52</b>	8x <b>Thunder-KS4</b>	2x <b>Kommander-KA208</b> 2x <b>Kommander-KA208 EBS mode</b> 1x <b>Kommander-KA104</b>	2x <b>K-HCFLY2 I</b> 3x <b>K-STAGE2</b>	







Theaters  
FOHs



**K**-ARRAY

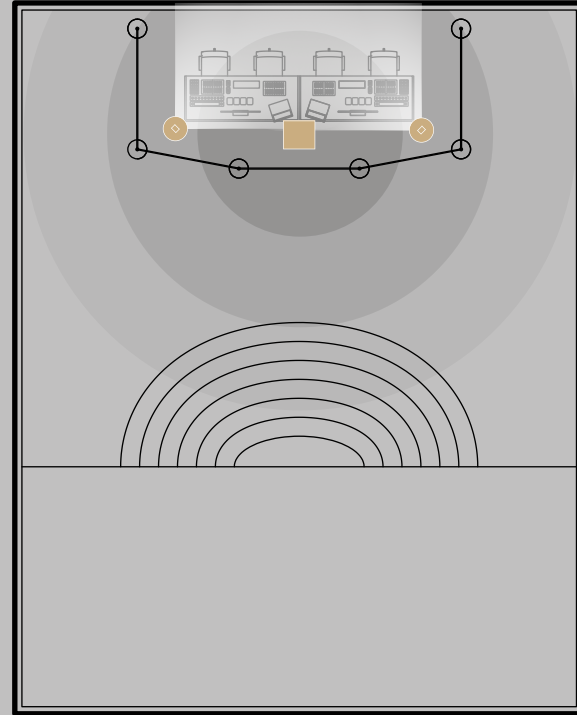
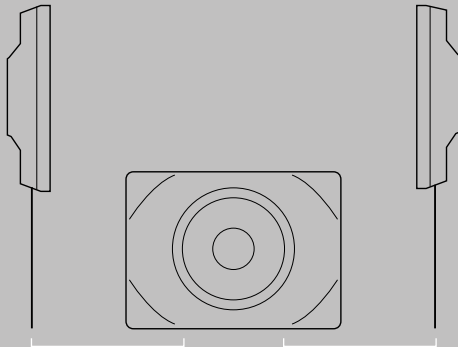
# FOHs

## Configuration 1

170 sq m (1.829 sq ft)



● SPEAKER ● SUBWOOFER

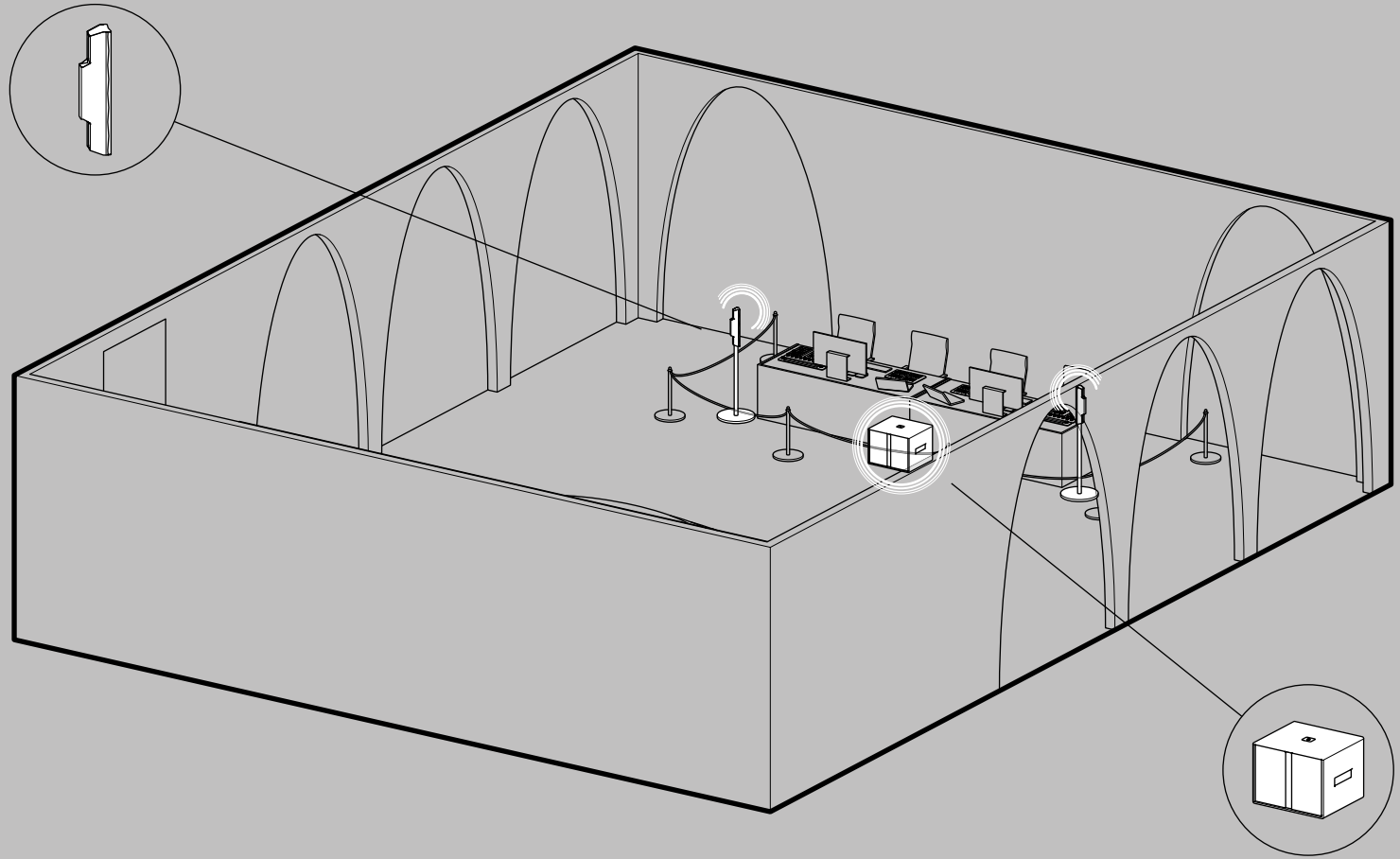



### **Pinnacle-K-FoH2**

System	Speaker <b>KP52 I</b> 89 x 520 x 118 mm 5,8 kg	Subwoofer <b>KS2 I</b> 650 x 500 x 580 mm 37,6 kg
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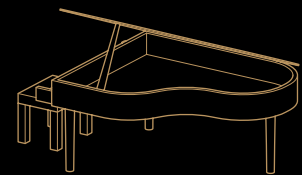
Conf.	Area	System	Accessories	Music Use
1	170 sq m (1829 sq ft)	1x <b>Pinnacle-K-FoH2</b> (2x Python-KP52 I + 1x Thunder-KS2 I)	2x <b>Floor stand</b> 1x <b>Flightcase</b>	








**Theaters**  
Concert halls



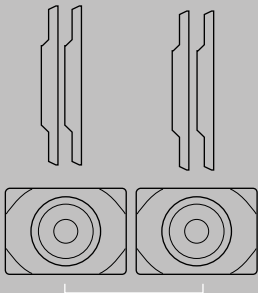
**K-ARRAY**

# CONCERT HALLS

## Configuration 1

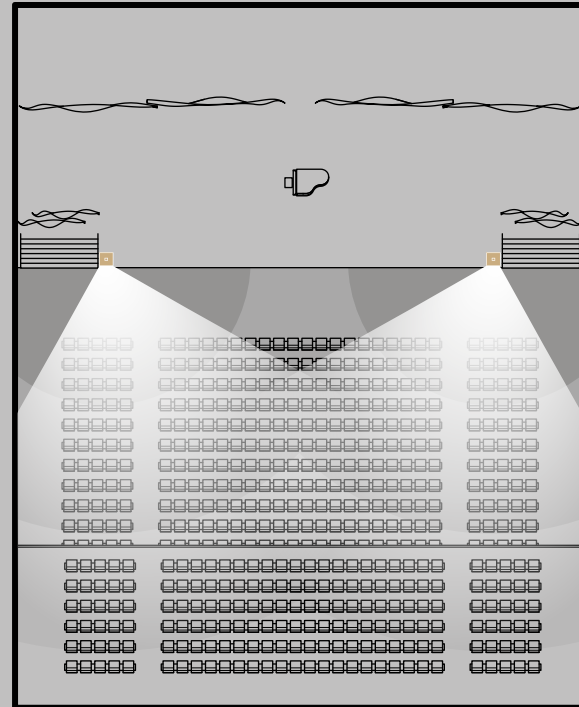
800 sq m (8.611 sq ft) 

● SPEAKER ● SUBWOOFER

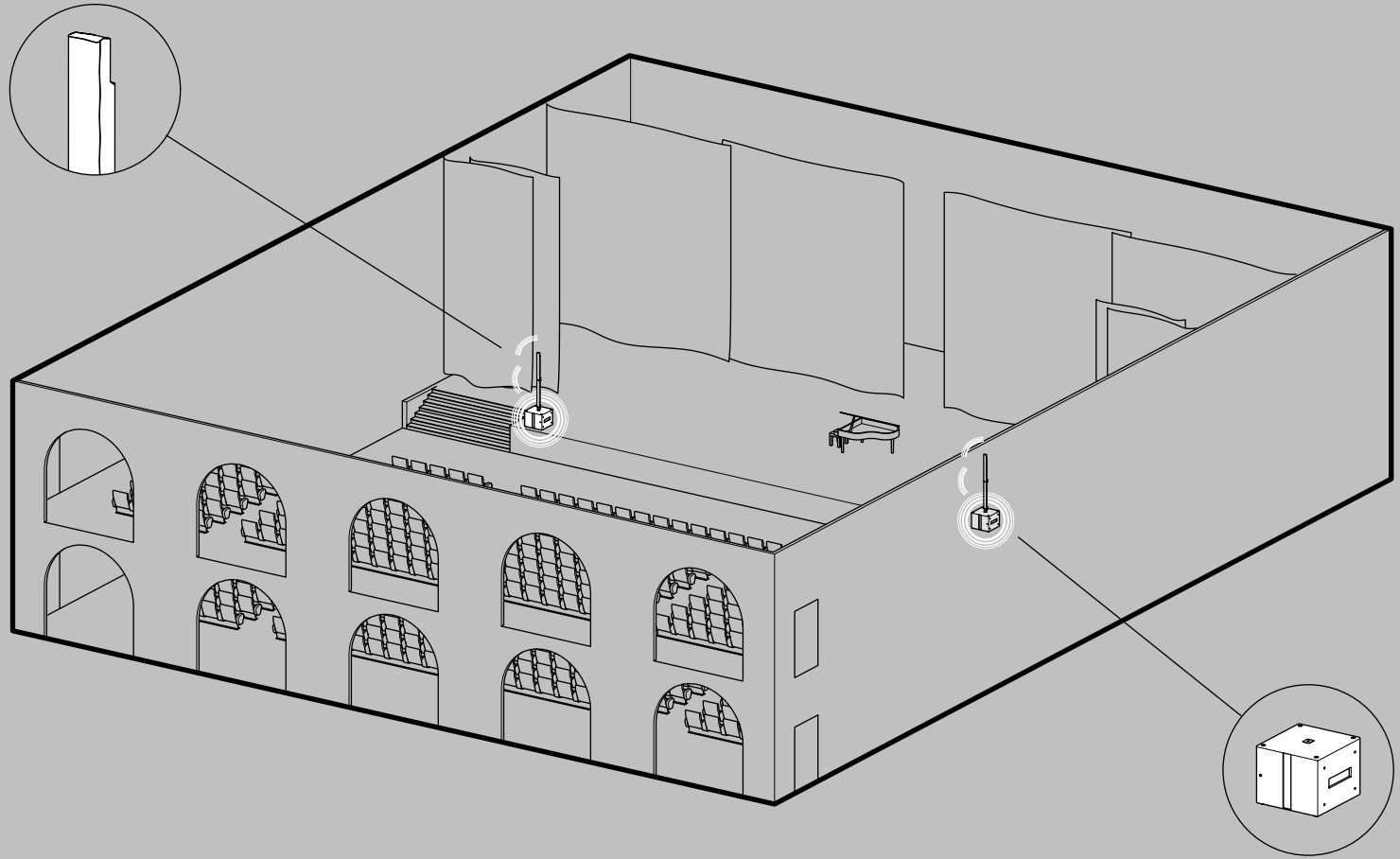



### **Pinnacle-KR402 II**

System	Speaker <b>KP102 I</b> 89 x 1000 x 118 mm 12 kg	Subwoofer <b>KS3 I</b> 735 x 580 x 700 mm 56 kg	Subwoofer <b>KS3P I</b> 735 x 580 x 700 mm 49,2 kg
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Conf.	Area	System	Accessories	Music Use
1	800 sq m (8611 sq ft)	1x <b>Pinnacle-KR402 II</b> (4x Python-KP102 I + 1x Thunder-KS3 I + 1x Thunder-KS3P I)	4x <b>K-JOINT3</b> 2x <b>K-FOOT3</b>	

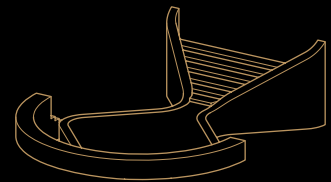






**Broadcast  
Studios**  
Main studios


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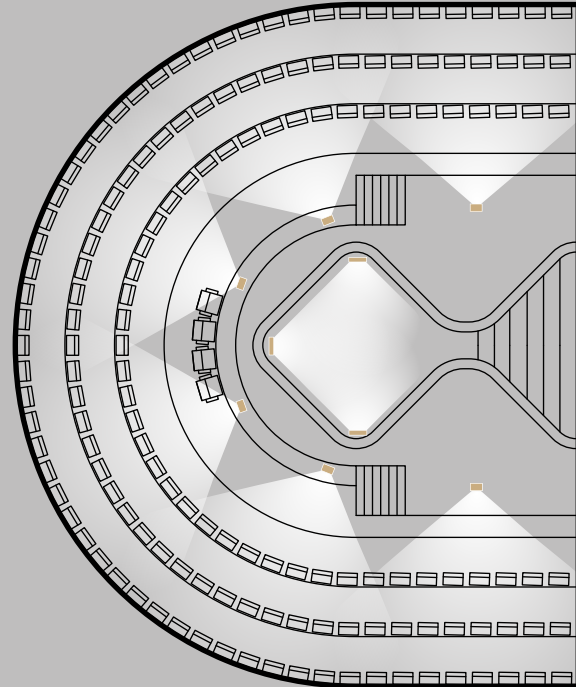
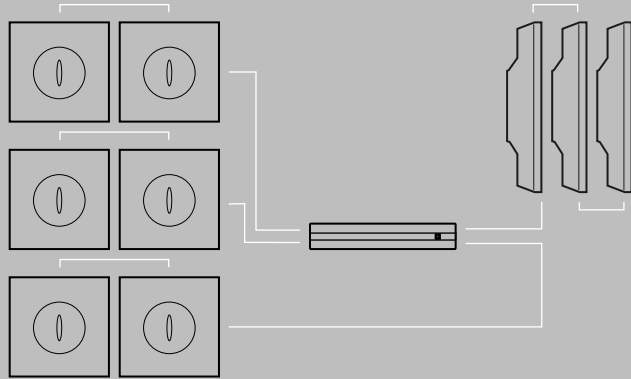
**K-ARRAY**

# MAIN STUDIOS

## Configuration 2

8305 sq m (3.282 sq ft) 

● SPEAKER ● SUBWOOFER



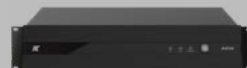
**Python-KP52 I**

Speaker  
89 x 520 x 118 mm  
5,8 kg



**Dragon-KX12**

Speaker  
340 x 320 x 201 mm  
12,2 kg

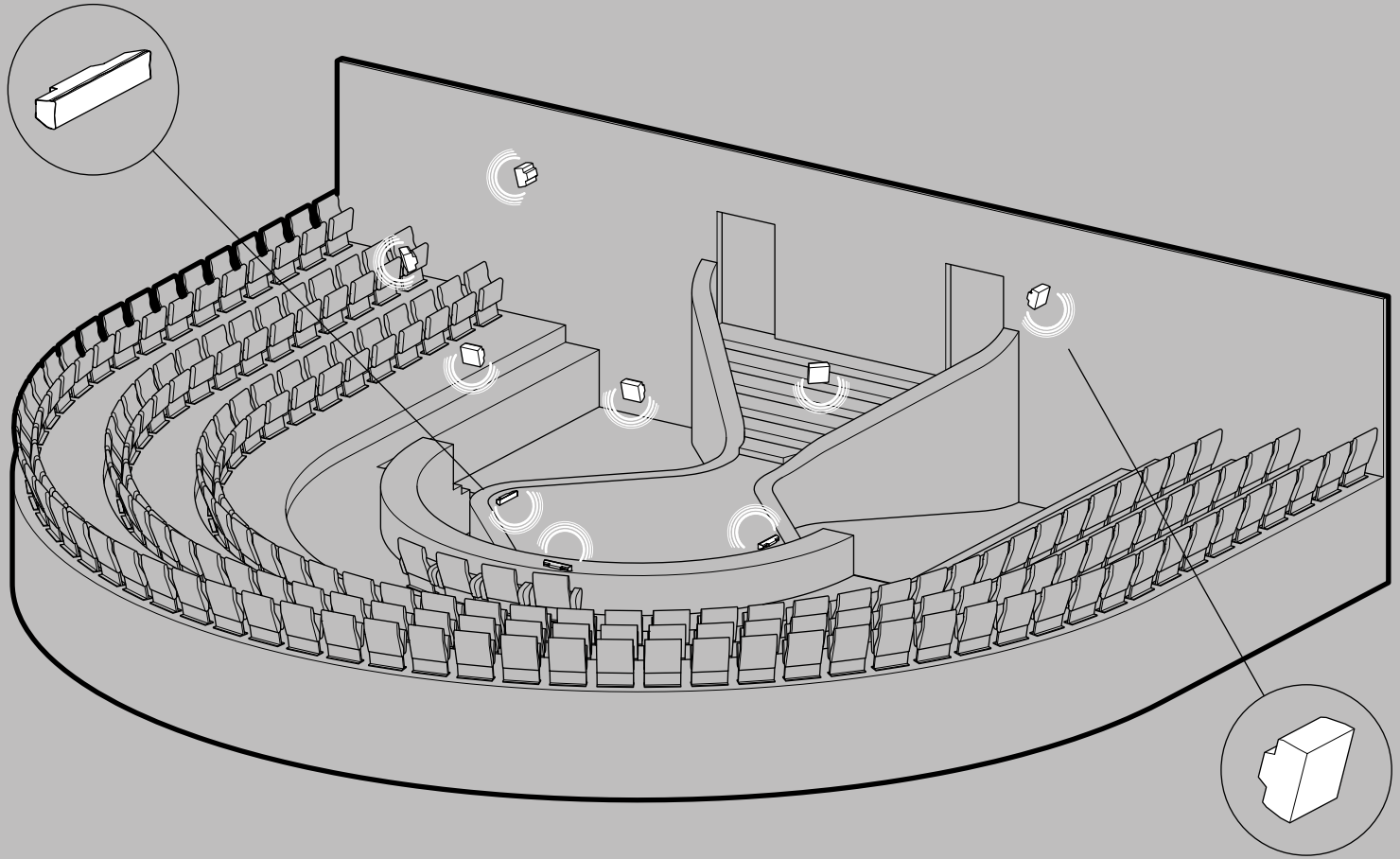




**Kommander-KA104**

Amplifier 8,15 kg  
430 x 87 x 430 mm  
4 x 2500W @ 4Ω







Conf.	Area	Speakers	Subwoofers	Amplifiers	Accessories	Music Use
1	200 sq m (2153 sq ft)	4x <b>Dragon-KX12</b> 2x <b>Anakonda-KAN200+</b>	/	1x <b>Kommander-KA104</b>	4x <b>K-FLY2B</b>	
2	305 sq m (3282 sq ft)	6x <b>Dragon-KX12</b> 3x <b>Python-KP52 I</b>	/	1x <b>Kommander-KA104</b>	6x <b>K-FLY2B</b> 3x <b>K-STAGE2</b>	



Rack 55

INPUT: Digi2An, CUE, Processing Speed: P. 50 Mode 2, A B, CUE, ADD-PLUGIN, ADD-PLUGIN, ADD-PLUGIN, ADD-PLUGIN, ADD-PLUGIN, ADD-PLUGIN

OVERVIEW 1 OVERVIEW 2 RACK SHOW PATCH SETUP 33:50:43 PRE SHOW PLS02A 121 BPM SUPER TMCK

TOUCH AND SLIDE OUTPUT: Digi2An, D9, Latency: Li, USER KEYS: 1-16

D64L

The central monitor displays a digital DJ software interface. It features a central area with various controls like EQ, filter, and effects. On the right, there's a section for output settings, including a table for Digi2An outputs and a section for user keys. The interface is dark-themed with white and yellow text and controls.

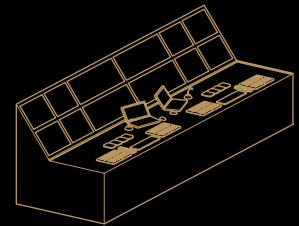






**Broadcast  
Studios**  
OB Vans

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**K-ARRAY**

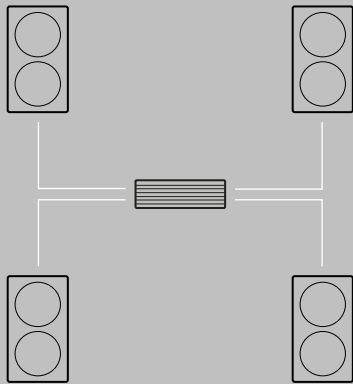
# OB VANS

## Configuration 1

20 sq m (215 sq ft)



● SPEAKER ● SUBWOOFER



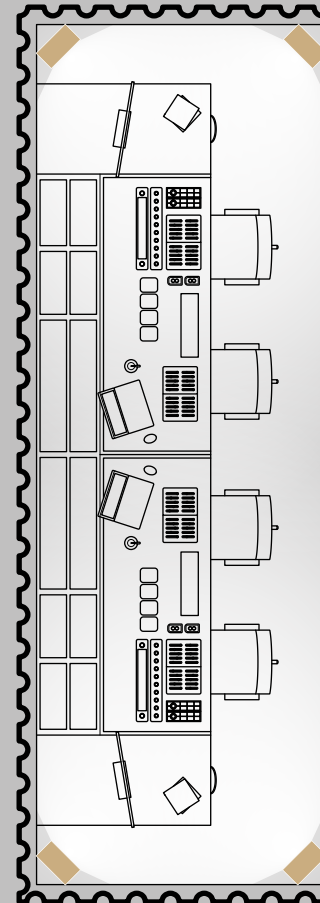
### **Domino-KF26**

Speaker  
180 x 350 x 118 mm  
6,5 kg

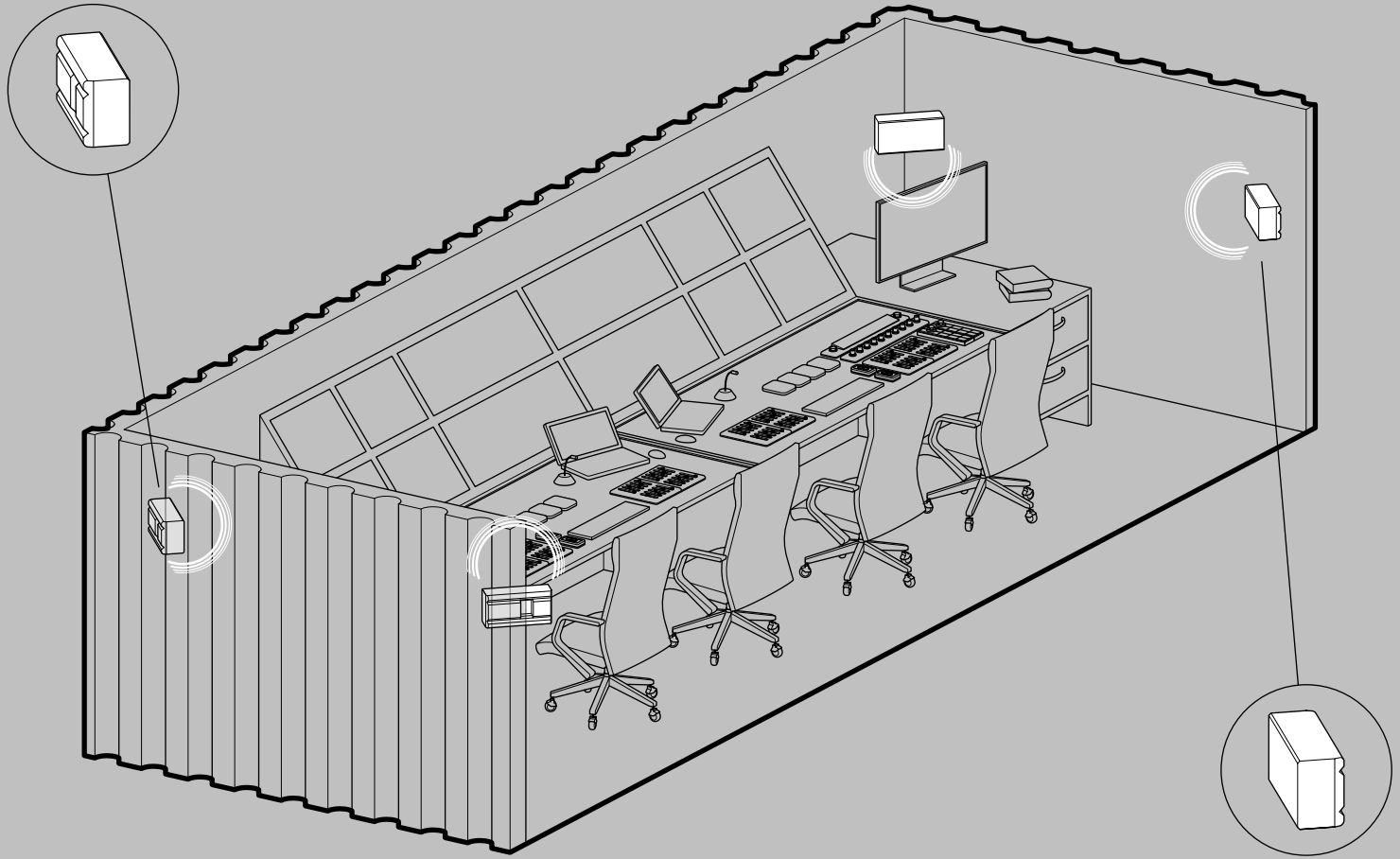


### **Kommander-KA04**

Amplifier 1,2 kg  
219 x 46 x 320 mm  
4x 150 W @ 4 Ω







Conf.	Area	Speakers	Subwoofers	Amplifiers	Accessories	Music Use
1	20 sq m (215 sq ft)	4x <b>Domino-KF26</b>	/	1x <b>Kommander-KA04</b>	4x <b>K-WALL2</b>	

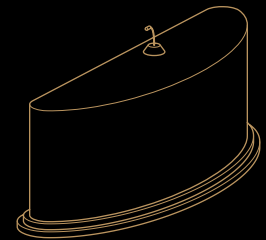









Large  
Congregations  
Main halls



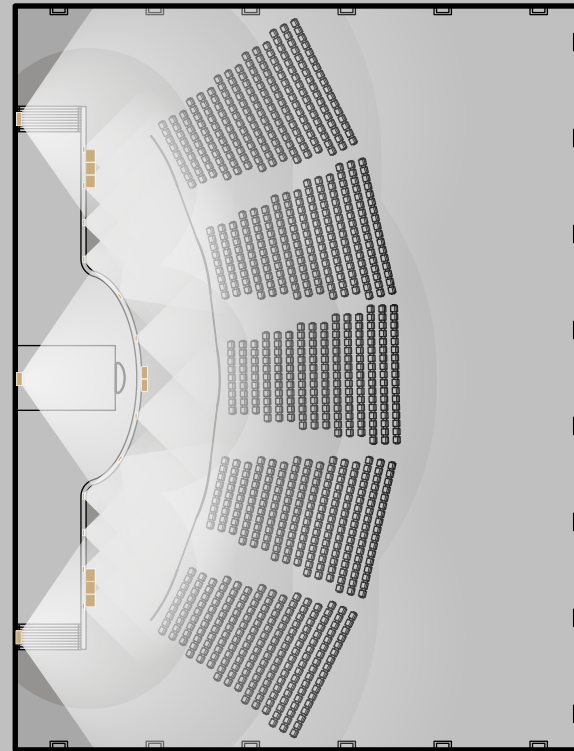
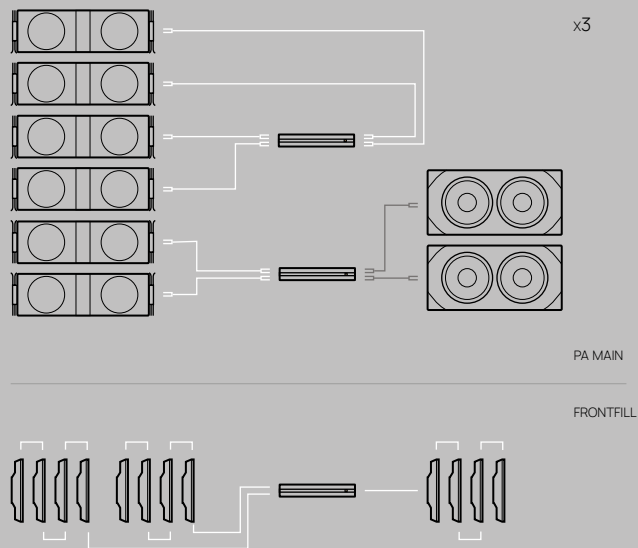
**K**-ARRAY

# MAIN HALLS

## Configuration 1

3980 sq m (42.840 sq ft) 

● SPEAKER ● SUBWOOFER



### **Python-KP52 I**

Speaker  
89 x 520 x 118 mm  
5,8 kg



### **Mugello-KH3P I**

Speaker  
1218 x 456 x 210 mm  
38,6 kg



### **Thunder-KS5P I**

Subwoofer  
1140 x 590 x 850 mm  
97.4 kg

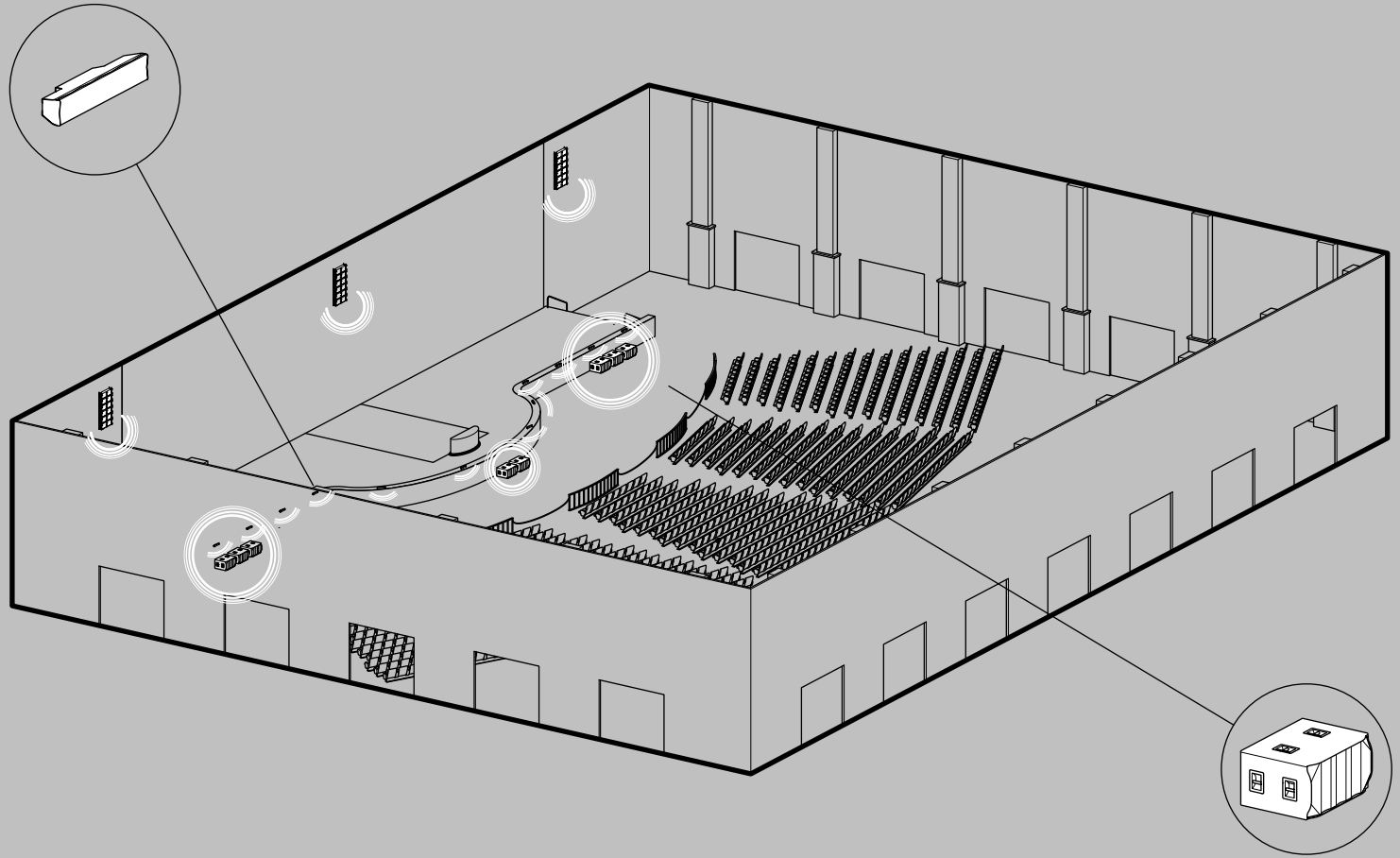



### **Kommander-KA208**

Amplifier 10 kg  
430 x 87 x 430 mm  
8 x 2500W @ 4Ω







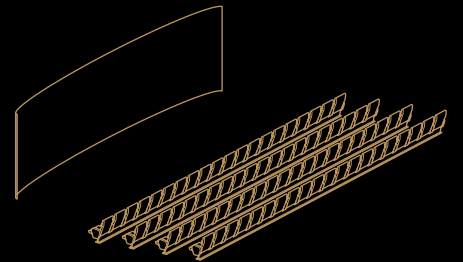
Conf.	Area	Speakers	Subwoofers	Amplifiers	Accessories	Music Use
1	3980 sq m (42.840 sq ft)	18x <b>Mugello-KH3PI</b> 12x <b>Python-KP52</b>	8x <b>Thunder-KS5P</b>	6x <b>Kommander-KA208</b> 1x <b>Kommander-KA104</b>	3x <b>K-HCFLY35 I</b> 6x <b>K-STAGE2</b>	








**Cinemas**  
Cinema halls



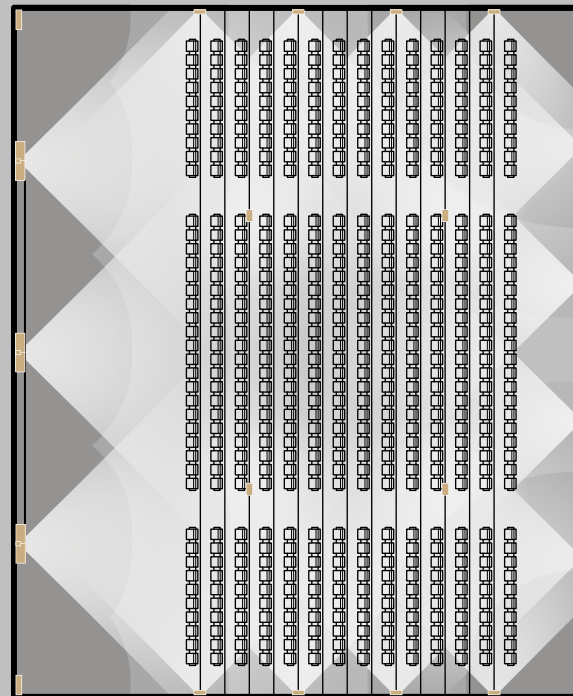
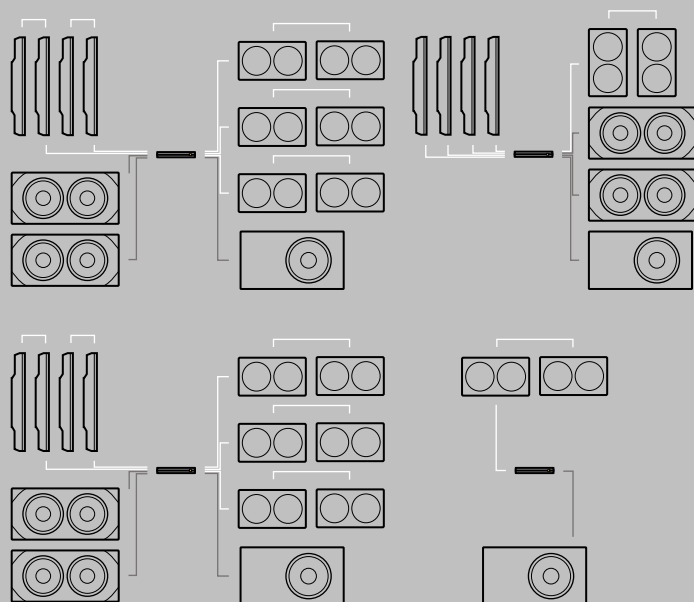
**K-ARRAY**

# CINEMA HALLS

## Configuration 1

1300 sq m (13.993 sq ft) 

● SPEAKER ● SUBWOOFER



### **Kayman-KY102**

Speaker  
116 x 1000 x 134 mm  
14,9 kg



### **Domino-KF212**

Speaker  
330 x 655 x 200 mm  
23,5 kg



### **Thunder-KS4P I**

Subwoofer  
1106 x 500 x 580 mm  
53,2 kg

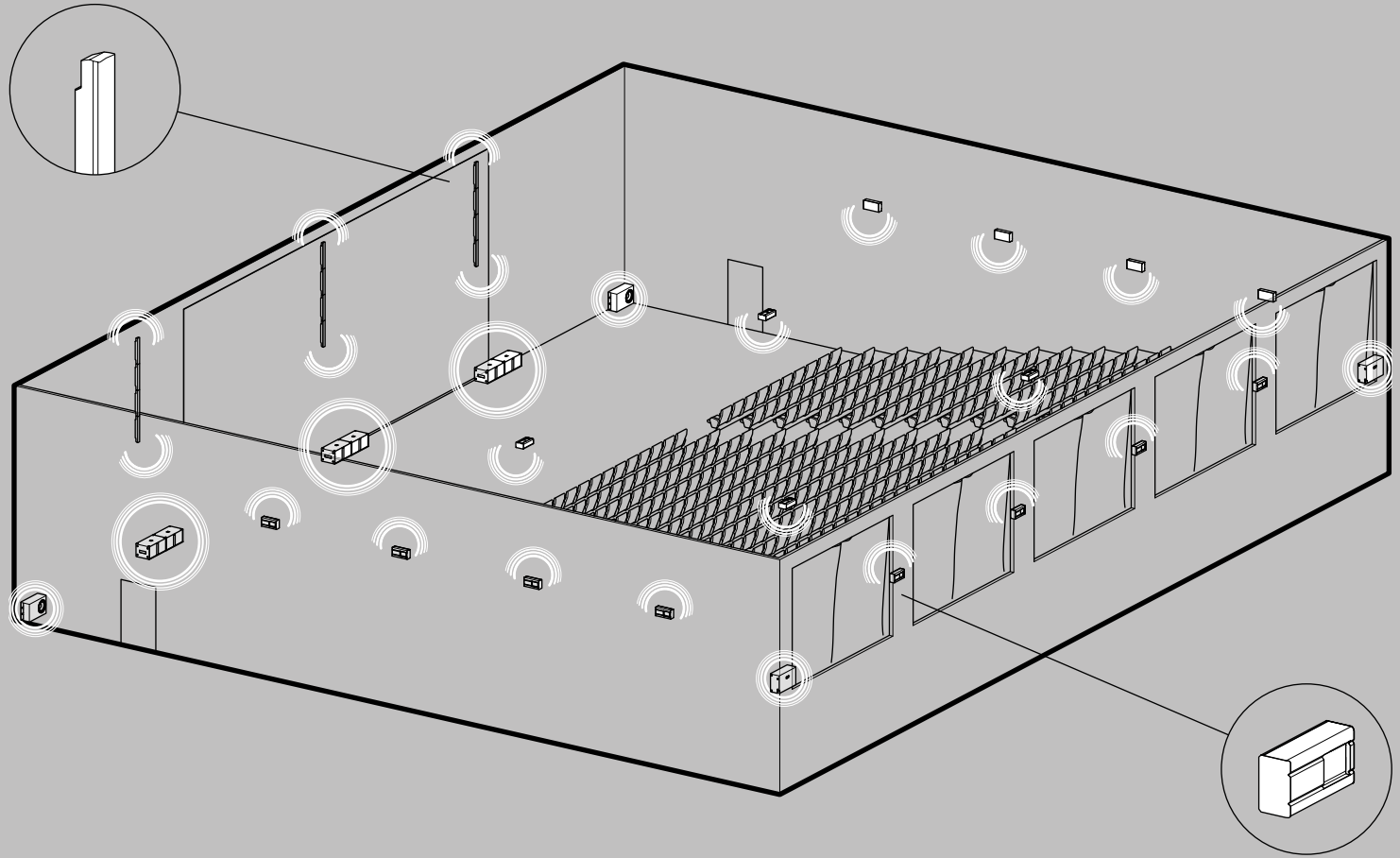



### **Thunder-KSC18P I**

Subwoofer  
1100 x 700 x 380 mm  
53 kg







Conf.	Area	Speakers	Subwoofers	Amplifiers	Accessories	Music Use
1	1300 sq m (13.993 sq ft)	12x <b>Kayman-KY102</b> 16x <b>Domino-KF212</b>	6x <b>Thunder-KS4P</b> 4x <b>Thunder-KSC18P</b>	6x <b>Kommander-KA208</b> 1x <b>Kommander-KA104</b>	3x <b>K-FLY3</b> 9x <b>K-JOINT3</b> 12x <b>K-WALL2</b> 4x <b>K-FLY2B</b>	



**Kommander-KA208**

Amplifier 10 kg  
430 x 87 x 430 mm  
8 x 2500W @ 4Ω











Sport Venues  
Arenas

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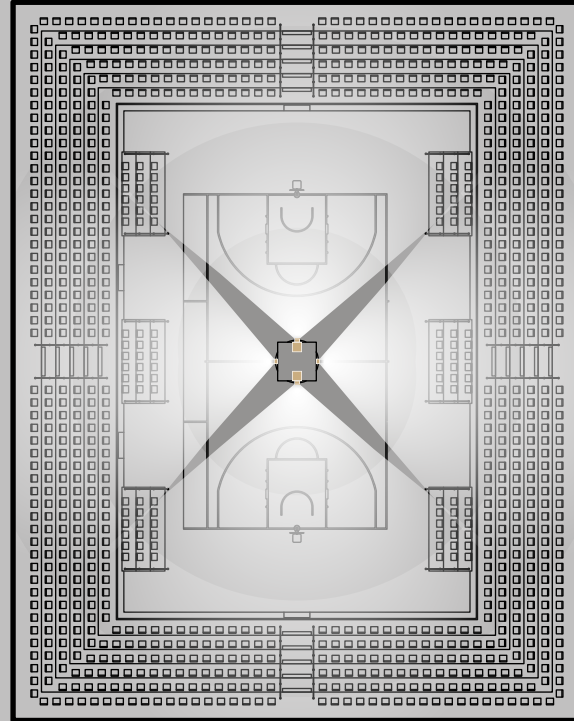
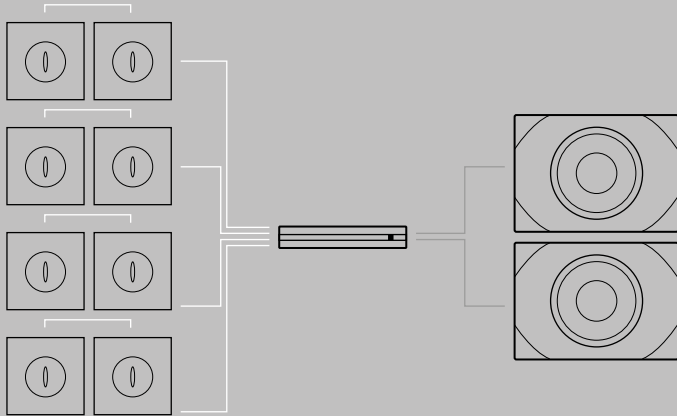
**K**-ARRAY

# ARENAS

## Configuration 1

2860 sq m (30.784 sq ft) 

● SPEAKER ● SUBWOOFER



### Dragon-KX12

Speaker  
340 x 320 x 201 mm  
12,2 kg



### Thunder-KS3P I

Subwoofer  
735 x 580 x 700 mm  
49.2 kg

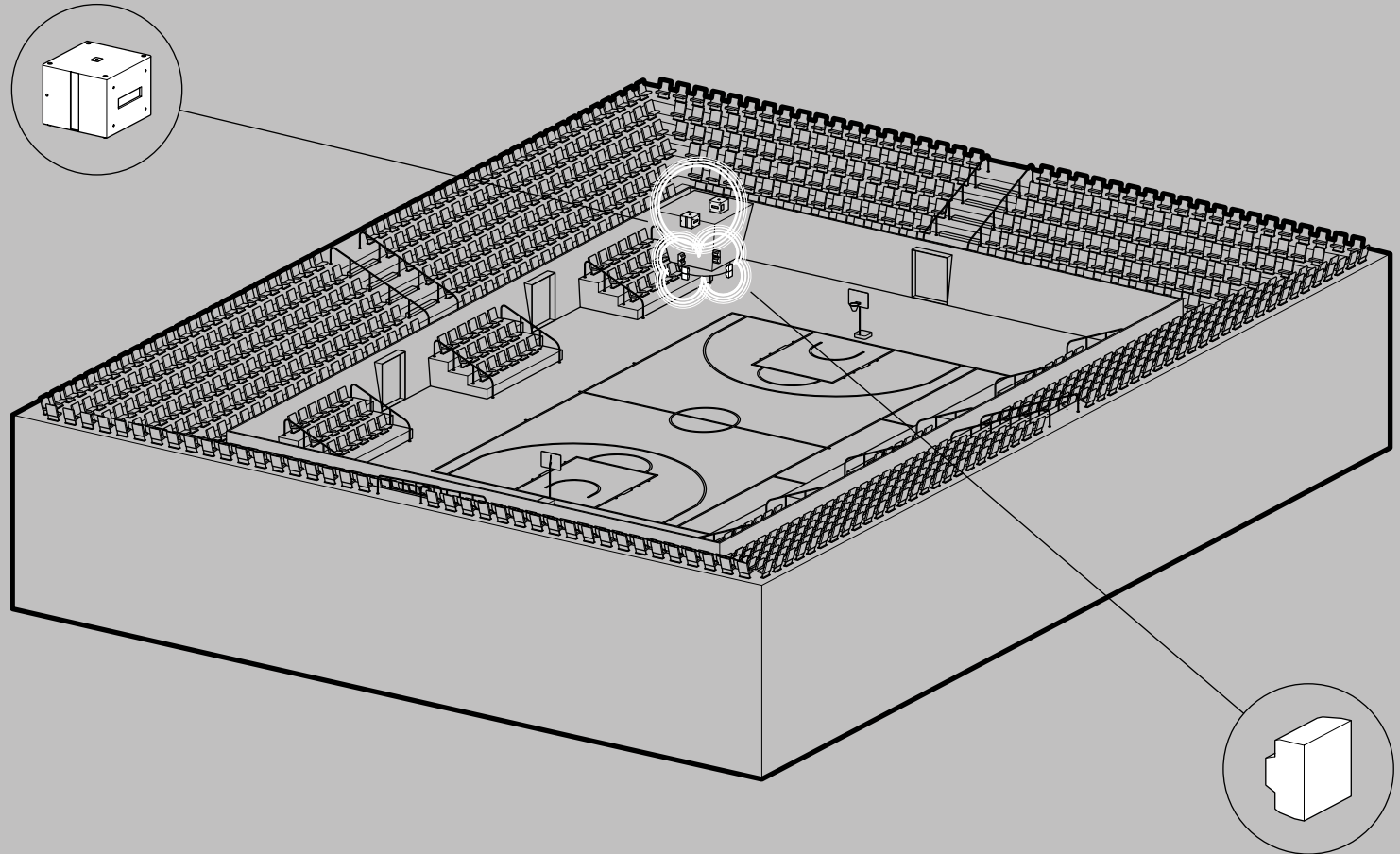



### Kommander-KA208

Amplifier 10 kg  
430 x 87 x 430 mm  
8 x 2500W @ 4Ω







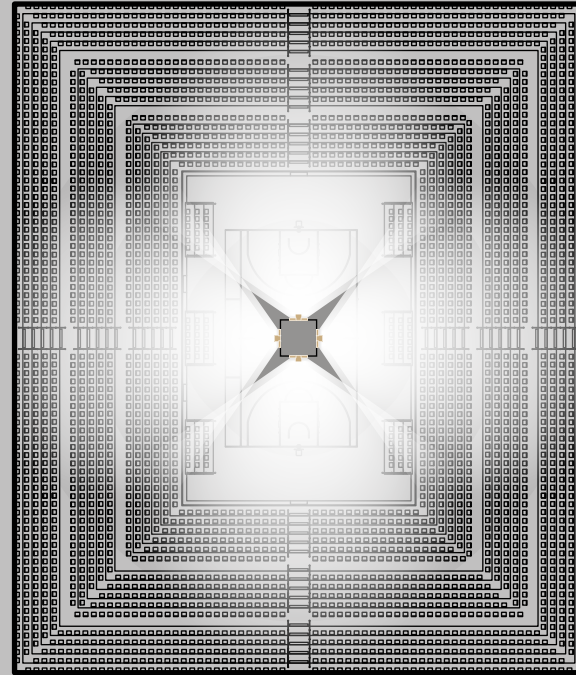
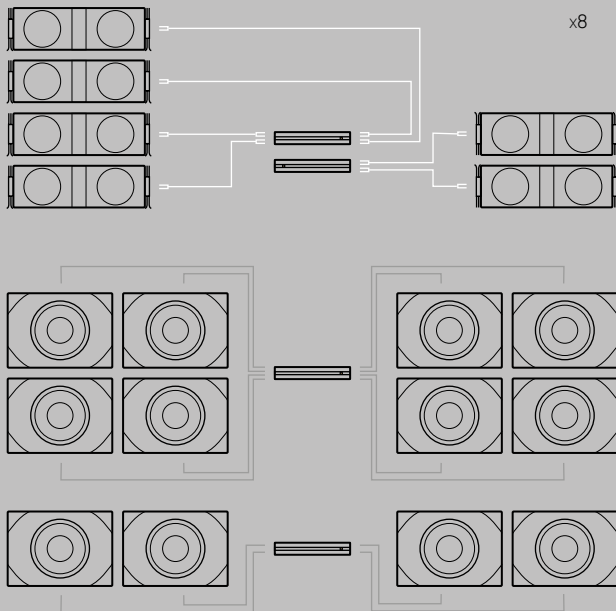
Conf.	Area	Speakers	Subwoofers	Amplifiers	Accessories	Music Use
1	2860 sq m (30.784 sq ft)	8x <b>Dragon-KX12</b>	2x <b>Thunder-KS3P</b>	1x <b>Kommander-KA208</b>	4x <b>K-FLY2B</b>	
2	6350 sq m (68.350 sq ft)	48x <b>Mugello-KH2P I</b>	12x <b>Thunder-KS3P</b>	14x <b>Kommander-KA208</b>	8x <b>K-HCFly2</b> 8x <b>K-EXTFRAME3</b>	

# ARENAS

## Configuration 2

6350 sq m (68.350 sq ft) 

● SPEAKER ● SUBWOOFER



**Mugello-KH2P I**

Speaker  
860 x 370 x 210 mm  
24 kg



**Thunder-K53P I**

Subwoofer  
735 x 580 x 700 mm  
49.2 kg

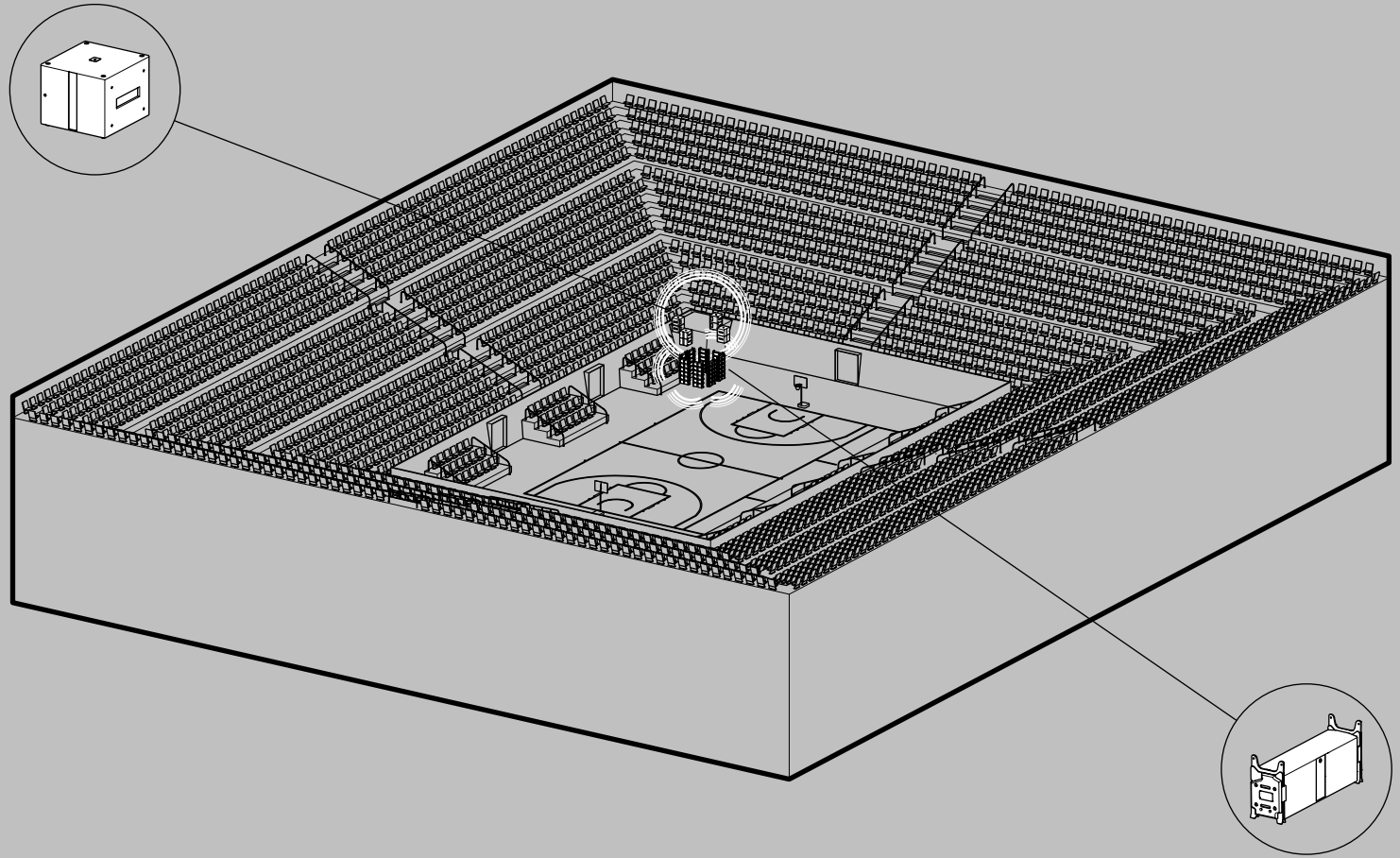




**Kommander-KA208**

Amplifier 10 kg  
430 x 87 x 430 mm  
8 x 2500W @ 4Ω







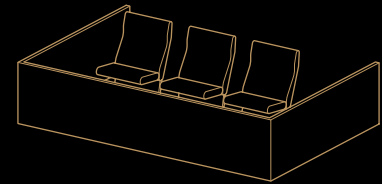
Conf.	Area	Speakers	Subwoofers	Amplifiers	Accessories	Music Use
1	2860 sq m (30.784 sq ft)	8x <b>Dragon-KX12</b>	2x <b>Thunder-KS3P</b>	1x <b>Kommander-KA208</b>	4x <b>K-FLY2B</b>	
2	6350 sq m (68.350 sq ft)	48x <b>Mugello-KH2P I</b>	12x <b>Thunder-KS3P</b>	14x <b>Kommander-KA208</b>	8x <b>K-HCFly2</b> 8x <b>K-EXTFRAME3</b>	







**Sport Venues**  
Sky boxes



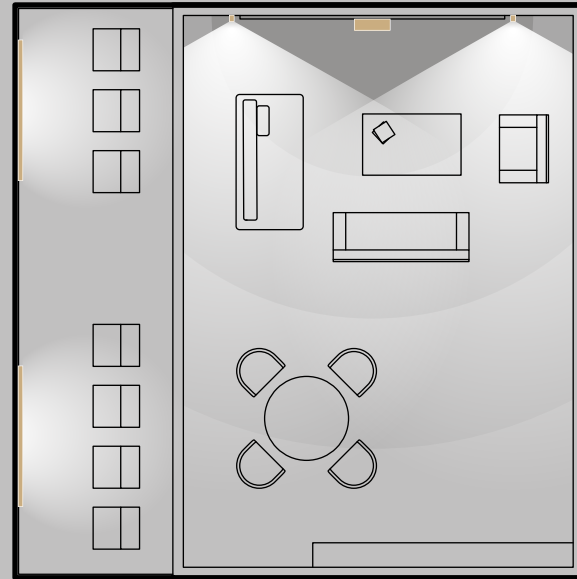
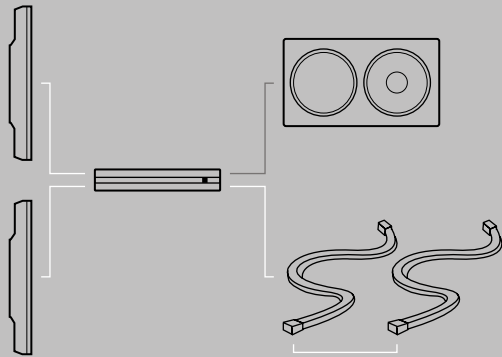
**K-ARRAY**

# SKY BOXES

## Configuration 1

60 sq m (645 sq ft) 

● SPEAKER ● SUBWOOFER



**Kobra-KK52 I**

Speaker  
59 x 497 x 81 mm  
2,3 kg



**Anakonda-KAN200+**

Speaker  
2000 x 56 x 35 mm  
1,9 kg



**Rumble-KU210**

Subwoofer  
500 x 282 x 151 mm  
11 kg

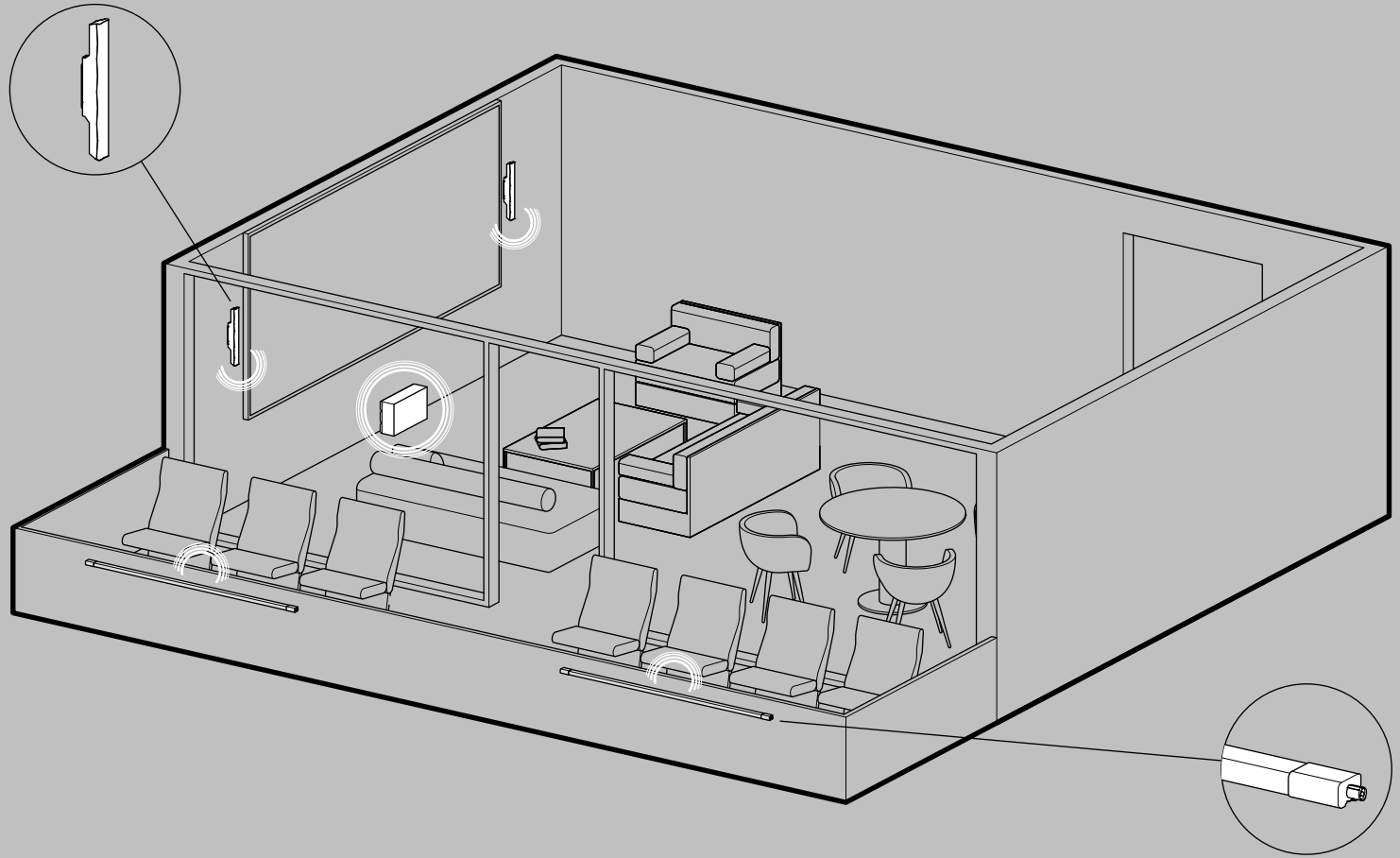


**Kommander-KA34**

Amplifier 7 kg  
430 x 87 x 430 mm  
4 x 750W @ 4Ω







Conf.	Area	Speakers	Subwoofers	Amplifiers	Accessories	Music Use
1	60 sq m (645 sq ft)	2x <b>Kobra-KK52I</b> 2x <b>Anakonda-KAN200</b>	1x <b>Rumble-KU210</b>	1x <b>Kommander-KA34</b>	2x <b>K-WALL2L</b>	



ShippyPro

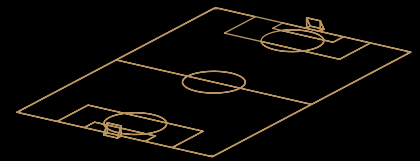
SERIE A FEMMINILE ebay

ShippyPro






Sport Venues  
Stadia



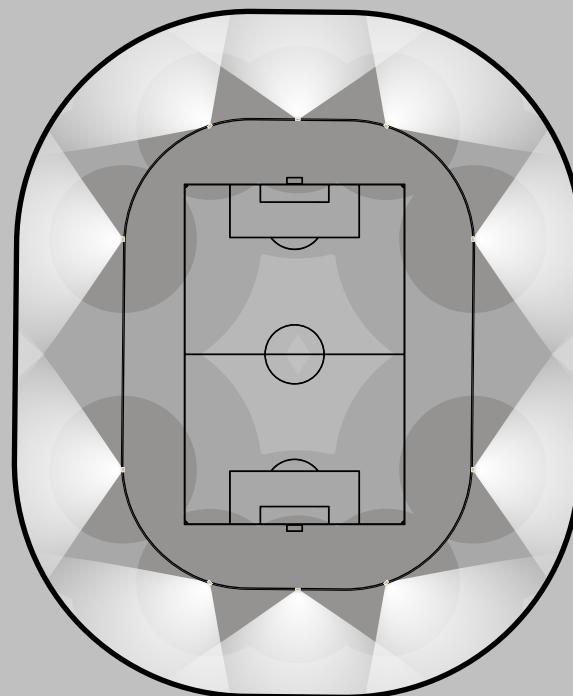
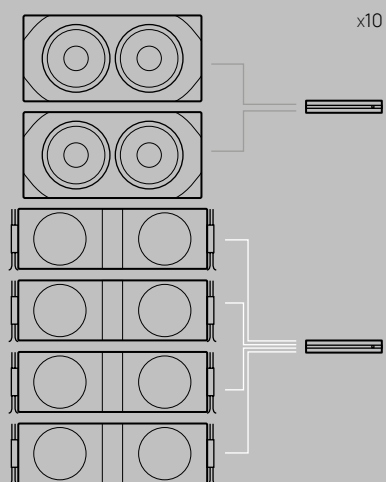
**K**-ARRAY

# STADIA

## Configuration 2

32.370 sq m (348.427 sq ft) 

● SPEAKER ● SUBWOOFER



**Mugello-KH3P I**

Speaker  
1218 x 456 x 210 mm  
38,6 kg



**Thunder-KS4P I**

Subwoofer  
1106 x 500 x 580 mm  
52,2 kg

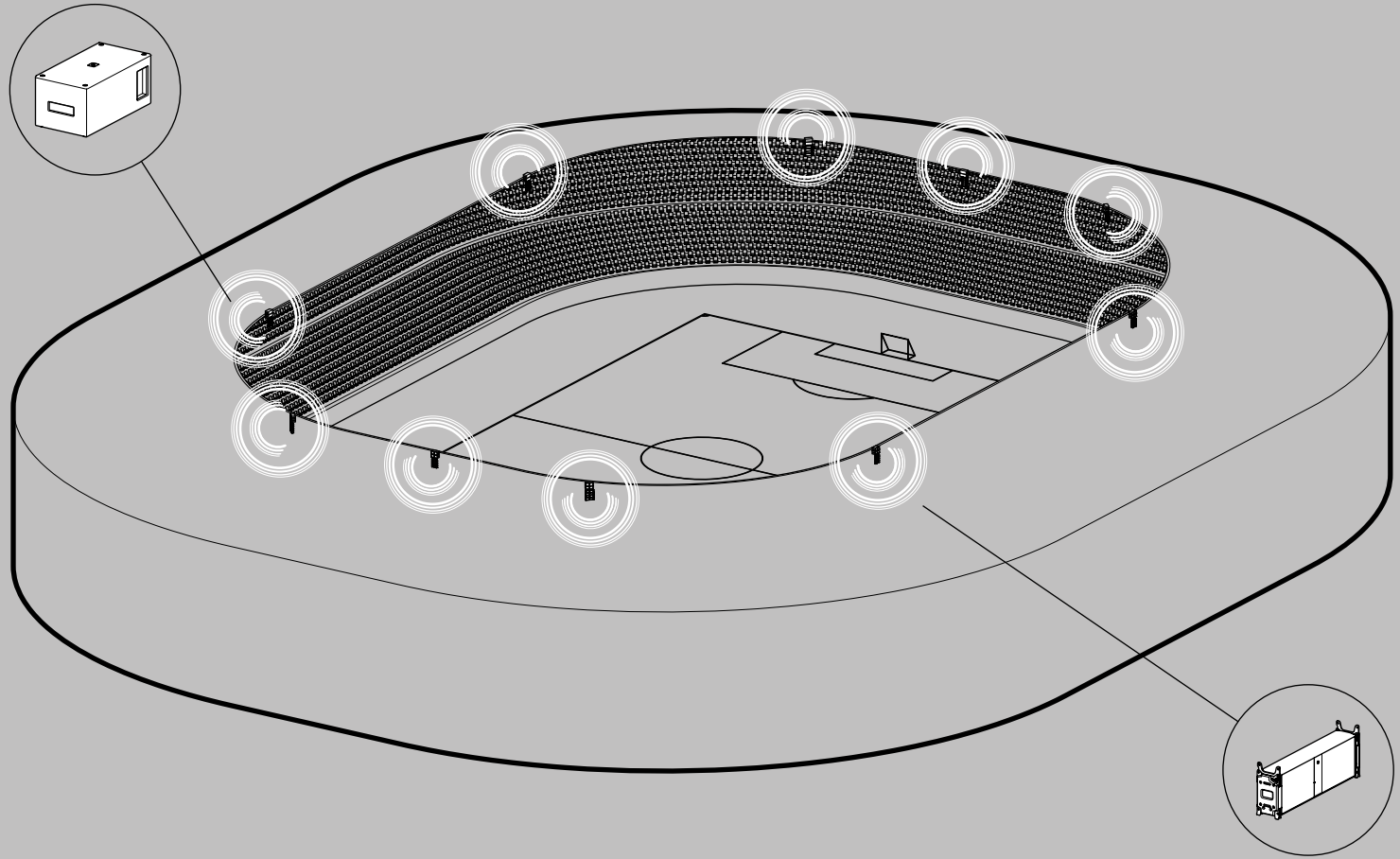


**Kommander-KA208**

Amplifier 10 kg  
430 x 87 x 430 mm  
8 x 2500W @ 4Ω







Conf.	Area	Speakers	Subwoofers	Amplifiers	Accessories	Music Use
1	26.800 sq m (288.473 sq ft)	24x <b>Mugello-KH2P I</b>	12x <b>Thunder-KS3P I</b>	12x <b>Kommander-KA208</b>	6x <b>K-HCFly2</b> 12x <b>K-EXTFRAME3</b>	
2	32.370 sq m (348.427 sq ft)	40x <b>Mugello-KH3P I</b>	20x <b>Thunder-KS4P I</b>	20x <b>Kommander-KA208</b>	10x <b>K-HCFly2</b> 20x <b>K-EXTFRAME3</b>	

**VIOLA PARK**

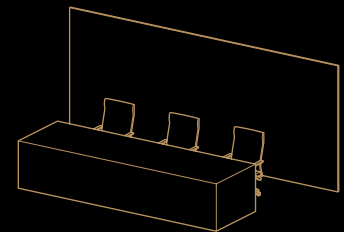


VIOLA PARK






**Sport Venues**  
Press rooms



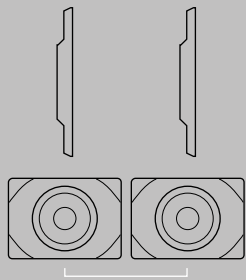
**K-ARRAY**

# PRESS ROOMS

## Configuration 1

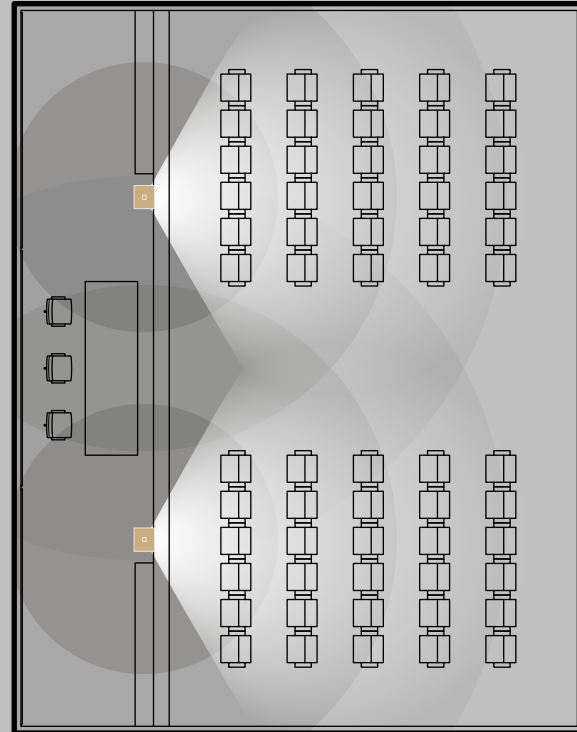
200 sq m (2.152 sq ft) 

● SPEAKER ● SUBWOOFER

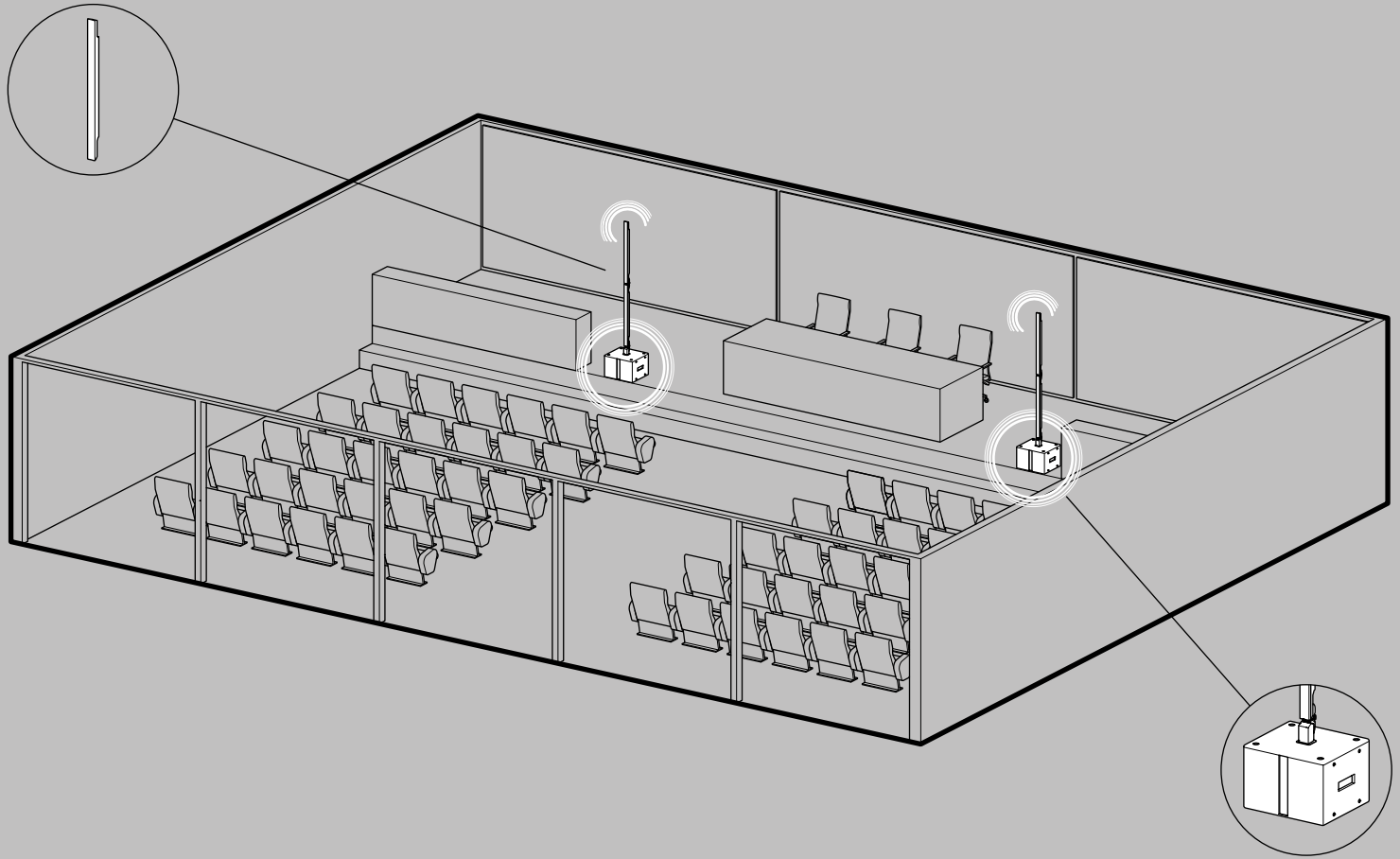



### **Pinnacle-KR102 II**

System	Speaker <b>KK102 I</b> 59 x 1000 x 81 mm 4,8 kg	Subwoofer <b>KS1 I</b> 500 x 350 x 440 mm 21,6 kg	Subwoofer <b>KS1P I</b> 500 x 350 x 440 mm 18 kg
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Conf.	Area	System	Accessories	Music Use
1	200 sq m (2152 sq ft)	1x <b>Pinnacle-KR102 II</b> (2x Kobra-KK102 I + 1x Thunder-KS1 I + 1x Thunder-KS1P I)	/	

# **K**GEAR

Smart Audio Solutions



## **THEATERS**

**P. 94**

Foyers  
Theater halls  
FOHs  
Open-air theaters  
Concert halls

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## **BROADCAST STUDIOS**

**P. 114**

Main Studios  
OB Vans

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## **LARGE CONGREGATIONS**

**P. 122**

Main halls

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## **CINEMAS**

**P. 126**

Cinema halls

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## **SPORT VENUES**

**P. 130**

Arenas  
Sky boxes  
Arenas  
Press rooms





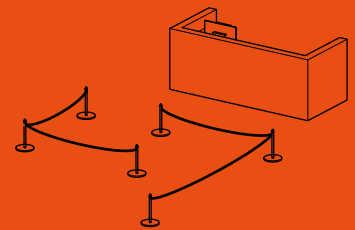









Theaters  
Foyers



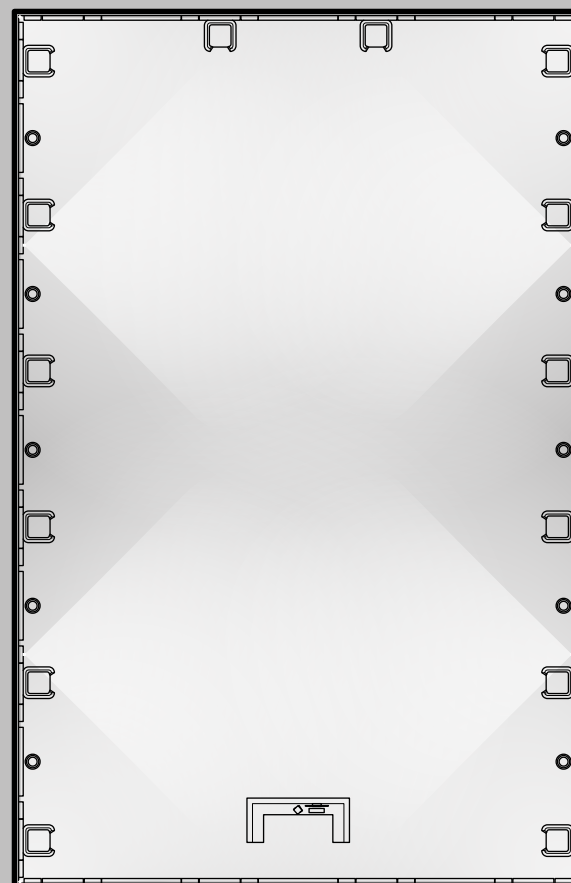
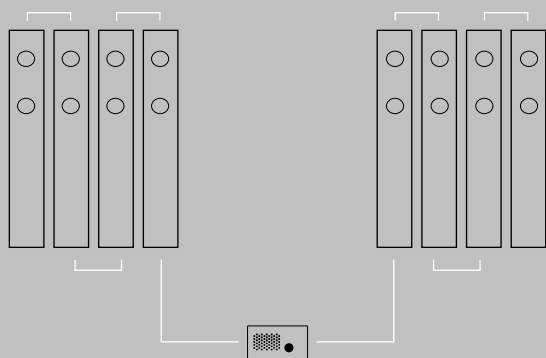
**K**GEAR

# FOYERS

## Configuration 1

645 sq m (6.942 sq ft) 

● SPEAKER ● SUBWOOFER



**GF22**

Speaker  
60 x 590 x 72 mm  
1,3 kg

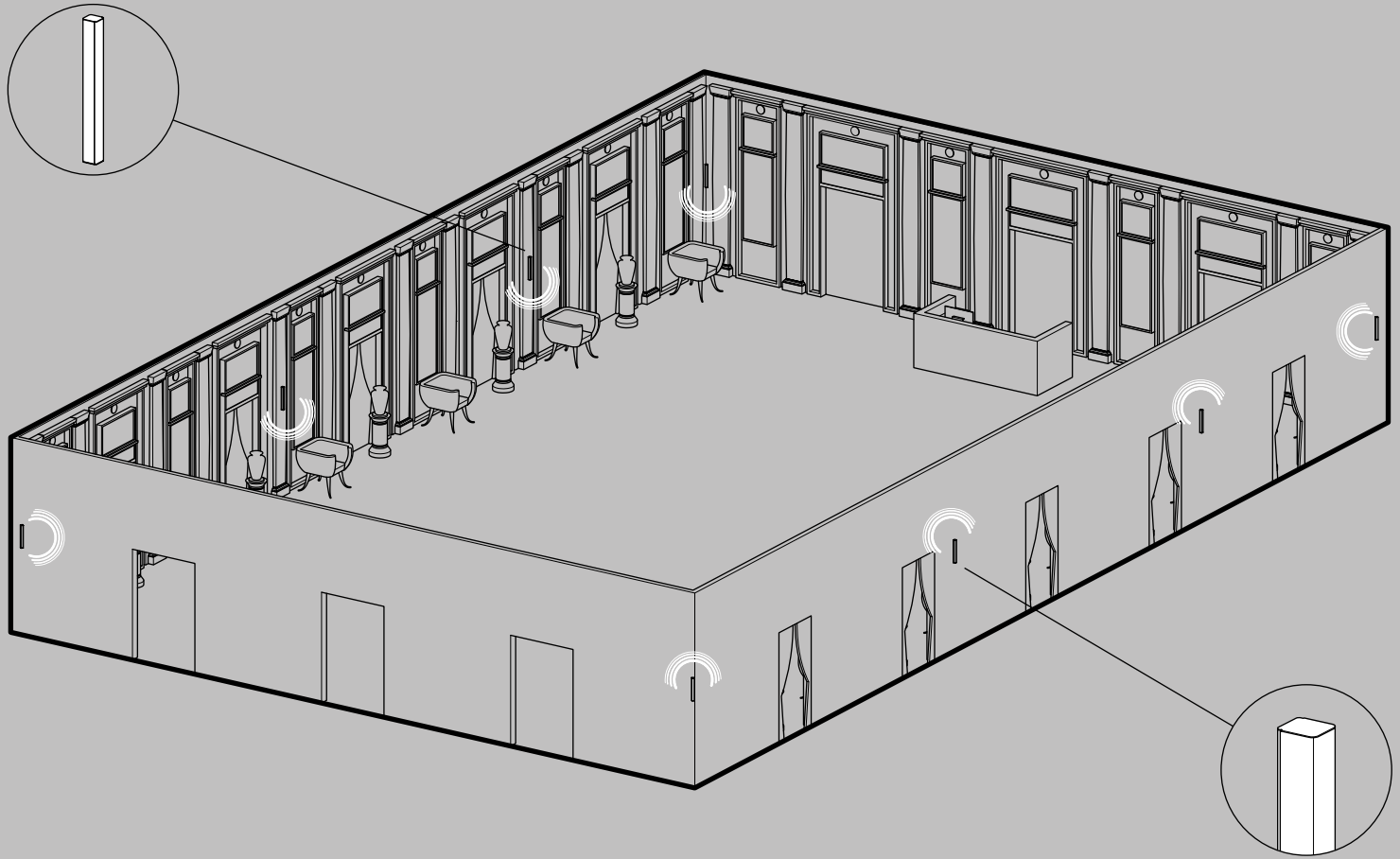




**GA201**

Amplifier 1 kg  
72 x 43 x 134 mm  
2x125W @2Ω







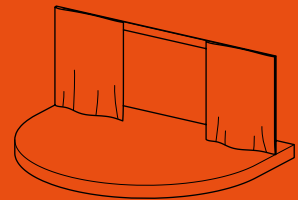
Conf.	Area	Speakers	Subwoofers	Amplifiers	Accessories	Music Use
1	645 sq m (6942 sq ft)	8x <b>GF22</b>	/	1x <b>GA201</b>	/	
2	645 sq m (6942 sq ft)	4x <b>GF162</b>	2x <b>GU210</b>	1x <b>GA41L</b>	/	








**Theaters**  
Theater halls



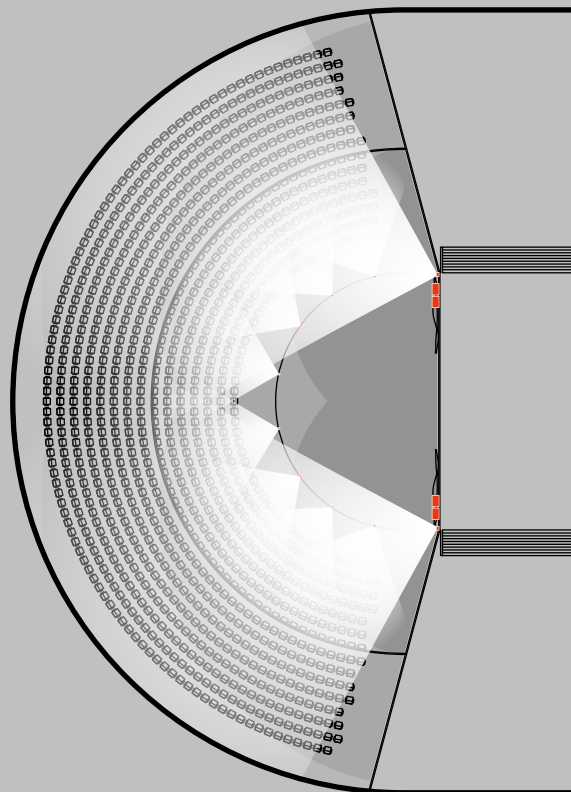
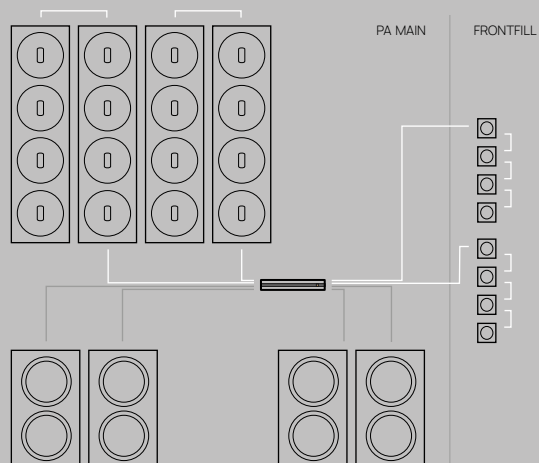
**K**GEAR

# THEATER HALLS

## Configuration 1

2340 sq m (25.187 sq ft) 

● SPEAKER ● SUBWOOFER



**GH4**

Speaker  
112 x 112 x 94 mm  
1,2 kg



**GH412**

Speaker  
327 x 1290 x 198 mm  
55,2 kg



**GS218**

Subwoofer  
1035 x 614 x 600 mm  
58 kg

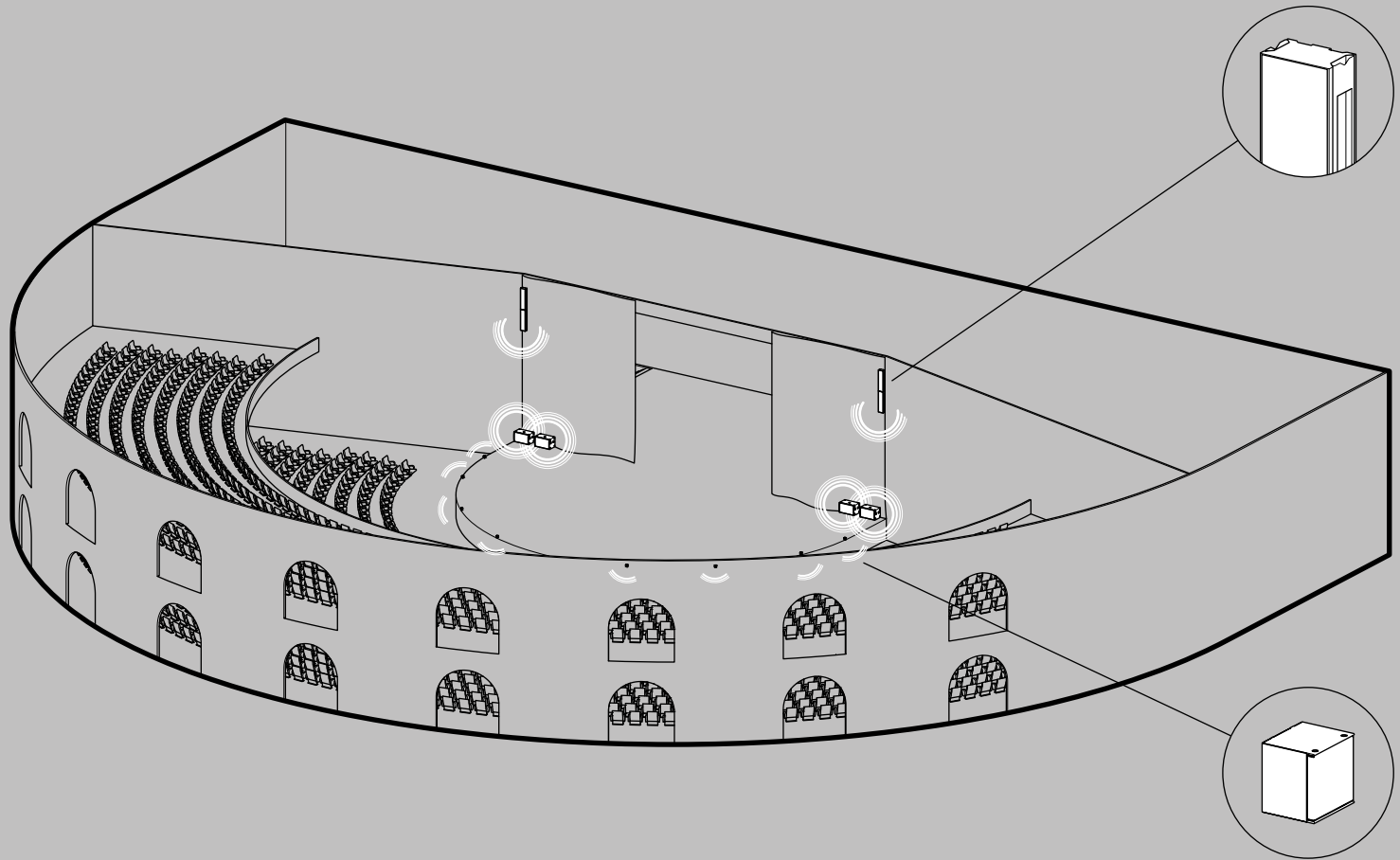



**Kommander-KA208**

Amplifier 10 kg  
430 x 87 x 430 mm  
8 x 2500W @ 4Ω







Conf.	Area	Speakers	Subwoofers	Amplifiers	Accessories	Music Use
1	2340 sq m (25.187 sq ft)	4x <b>GH412</b> 8x <b>GH4</b>	4x <b>GS218</b>	1x <b>Kommander-KA208</b>	2x <b>GH-FLY</b> 2x <b>GH-JOINT</b>	







Theaters  
FOHs

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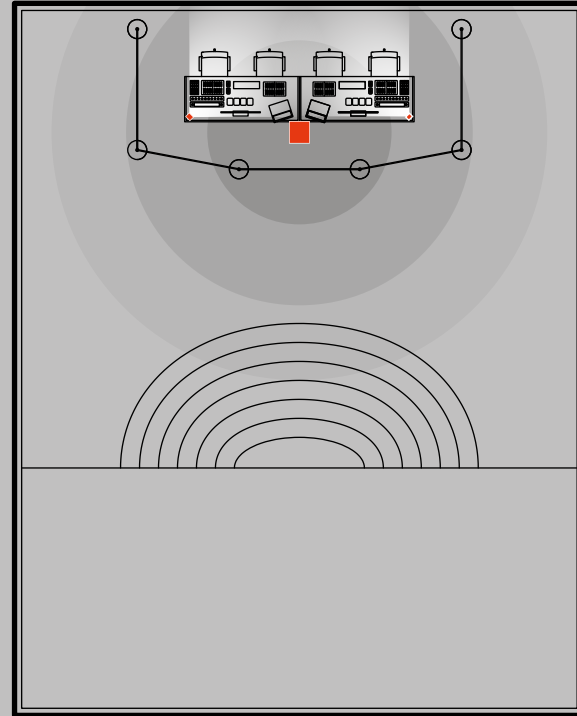
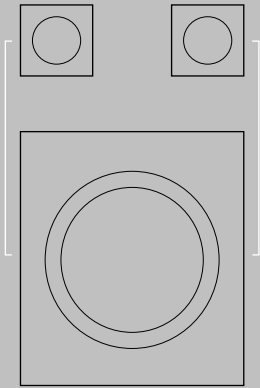
**K**GEAR

# FOHs

## Configuration 2

170 sq m (1.829 sq ft) 

● SPEAKER ● SUBWOOFER



**GH4**

Speaker  
112 x 112 x 94 mm  
1,2 kg

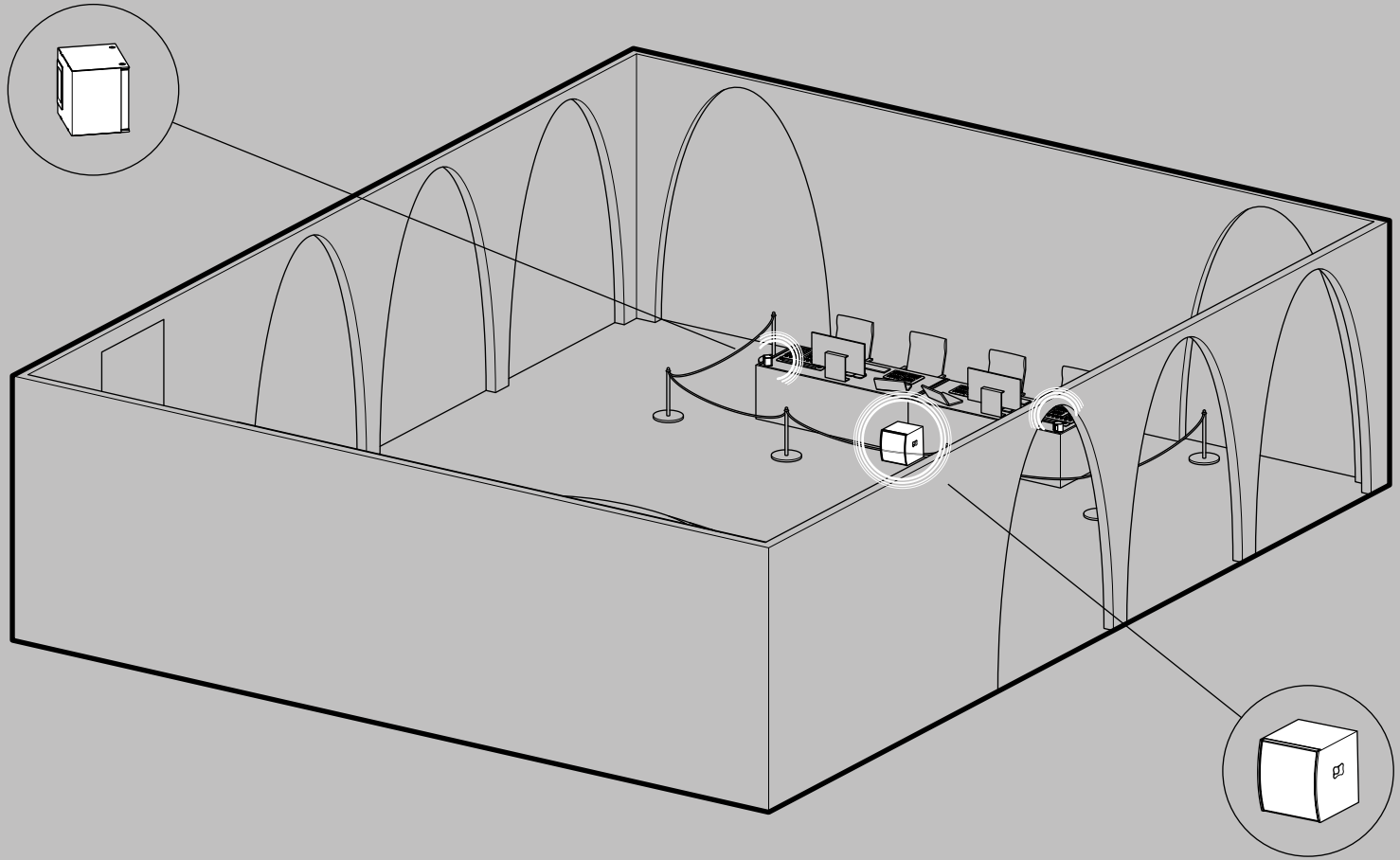




**GS12A**

Subwoofer  
410 x 445 x 430 mm  
20 kg

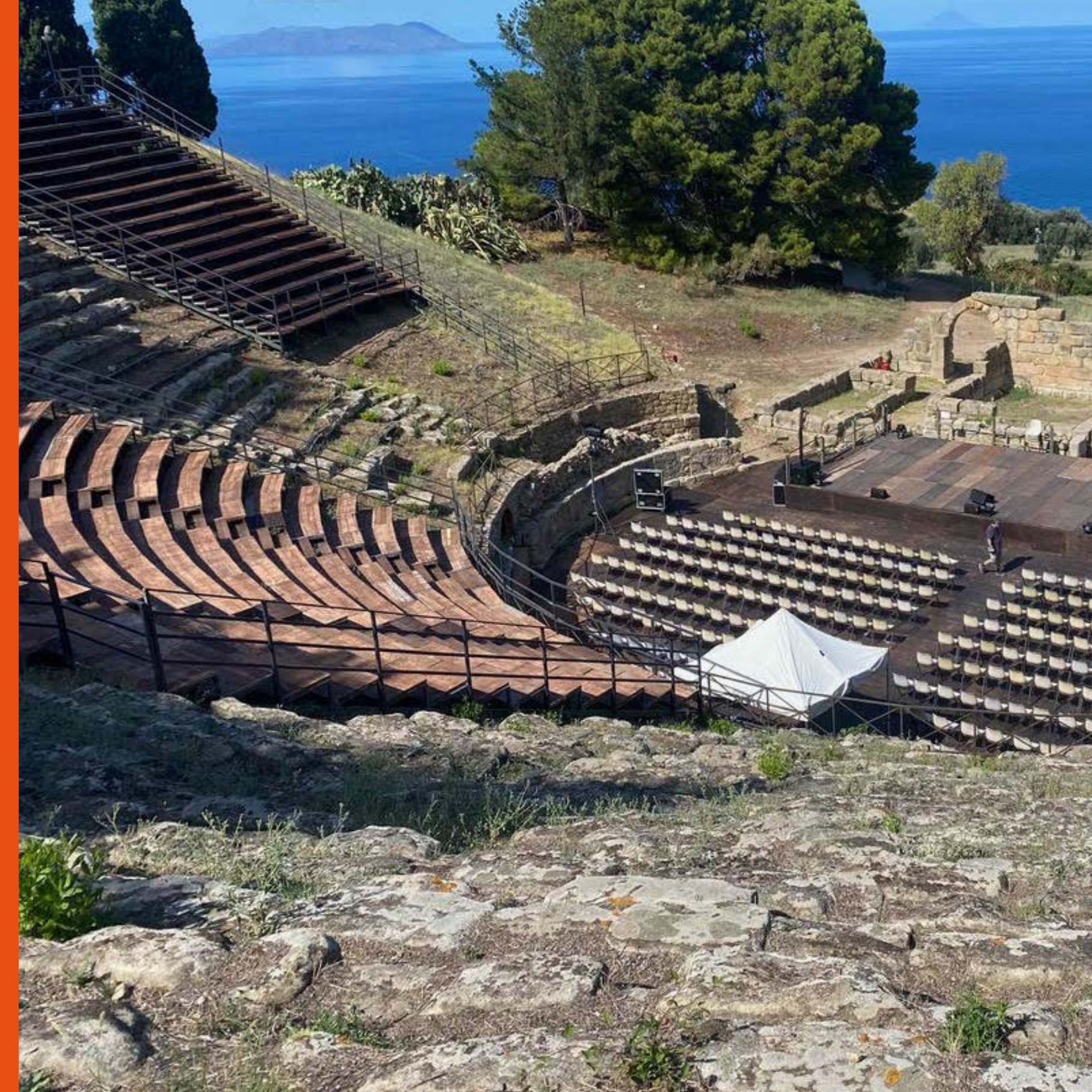






Conf.	Area	System	Accessories	Music Use		
1	170 sq m (1829 sq ft)	1x <b>GP12A + GP12</b> (12" Subwoofer (Active) + 16x2" Modular Column System) + (12" Subwoofer + 16x2" Modular Column System)	/			
Conf.	Area	Speakers	Subwoofers	Amplifiers	Accessories	Music Use
2	170 sq m (1829 sq ft)	2x <b>GH4</b>	1x <b>GS12A</b>	/	/	



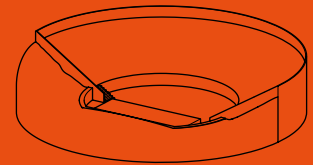






**Theaters**  
Open-air  
theaters

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**K**GEAR

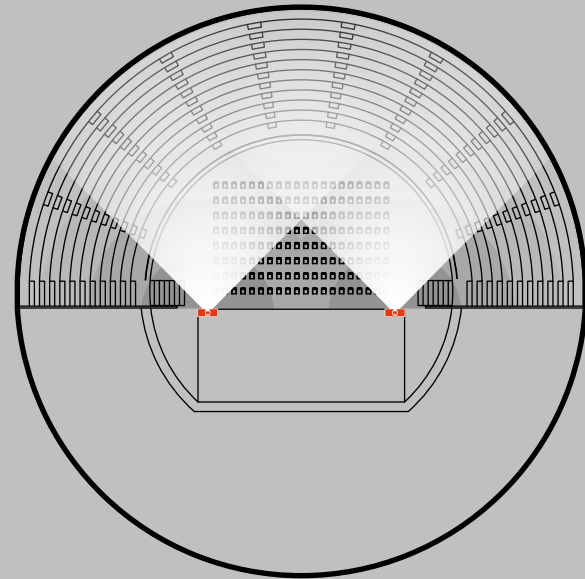
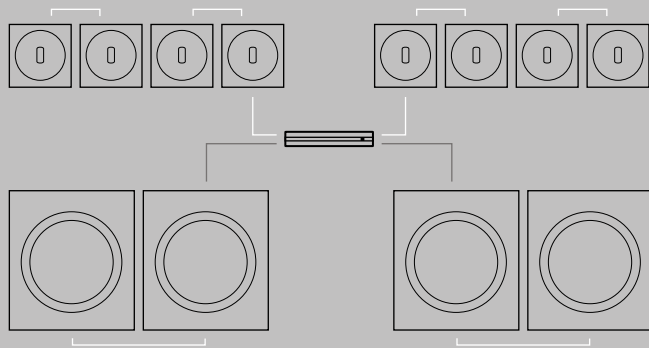
# OPEN-AIR THEATERS

## Configuration 1

1023 sq m (11.011 sq ft)



● SPEAKER ● SUBWOOFER



**GH12**

Speaker  
327 x 334 x 198 mm  
13,8 kg



**GS18**

Subwoofer  
545 x 610 x 600 mm  
34,4 kg

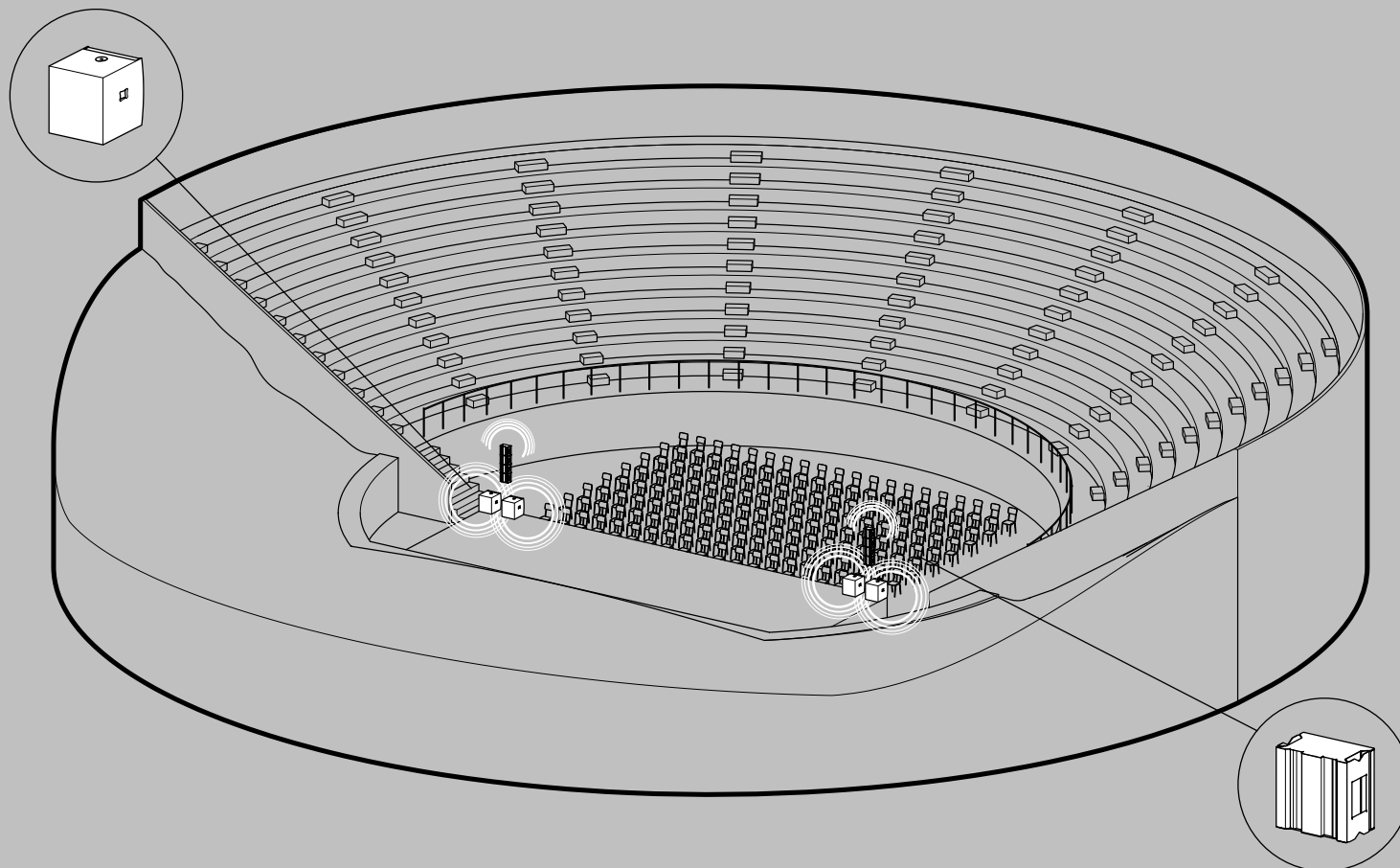



**Kommander-KA104**

Amplifier 8,15 kg  
430 x 87 x 430 mm  
4 x 2500W @ 4Ω







Conf.	Area	Speakers	Subwoofers	Amplifiers	Accessories	Music Use
1	1023 sq m (11.011 sq ft)	8x <b>GH12</b>	4x <b>GS18</b>	1x <b>Kommander-KA104</b>	2x <b>GH-FLY</b> 6x <b>GH-JOINT</b>	

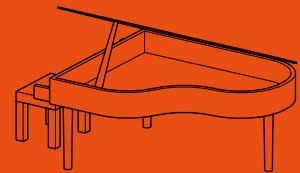






**Theaters**  
Concert halls


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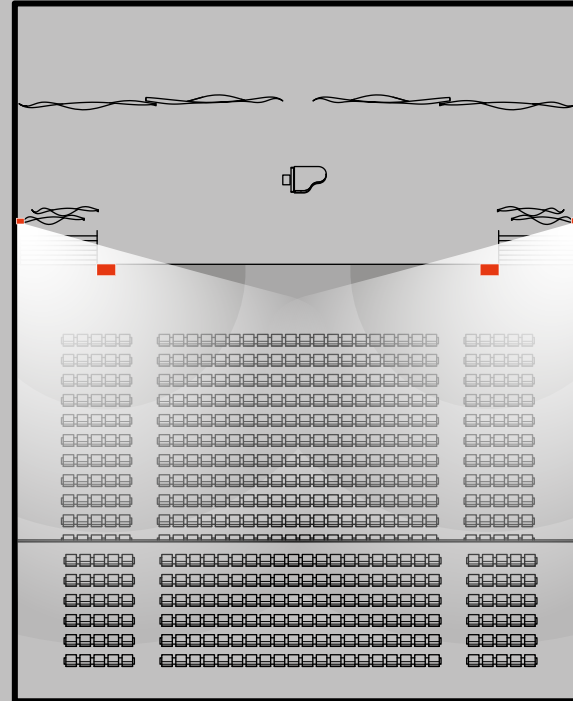
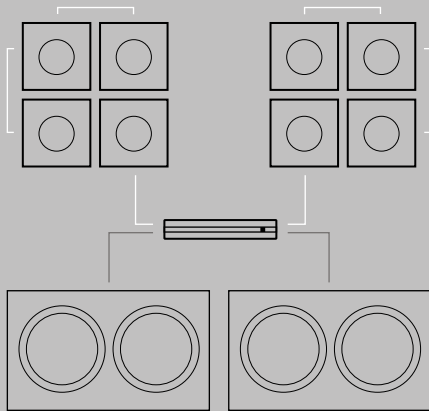
**K**GEAR

# CONCERT HALLS

## Configuration 1

800 sq m (8.611 sq ft) 

● SPEAKER ● SUBWOOFER



**GH8**

Speaker  
220 x 220 x 161 mm  
5,8 kg



**GS218**

Subwoofer  
1035 x 614 x 600 mm  
58 kg

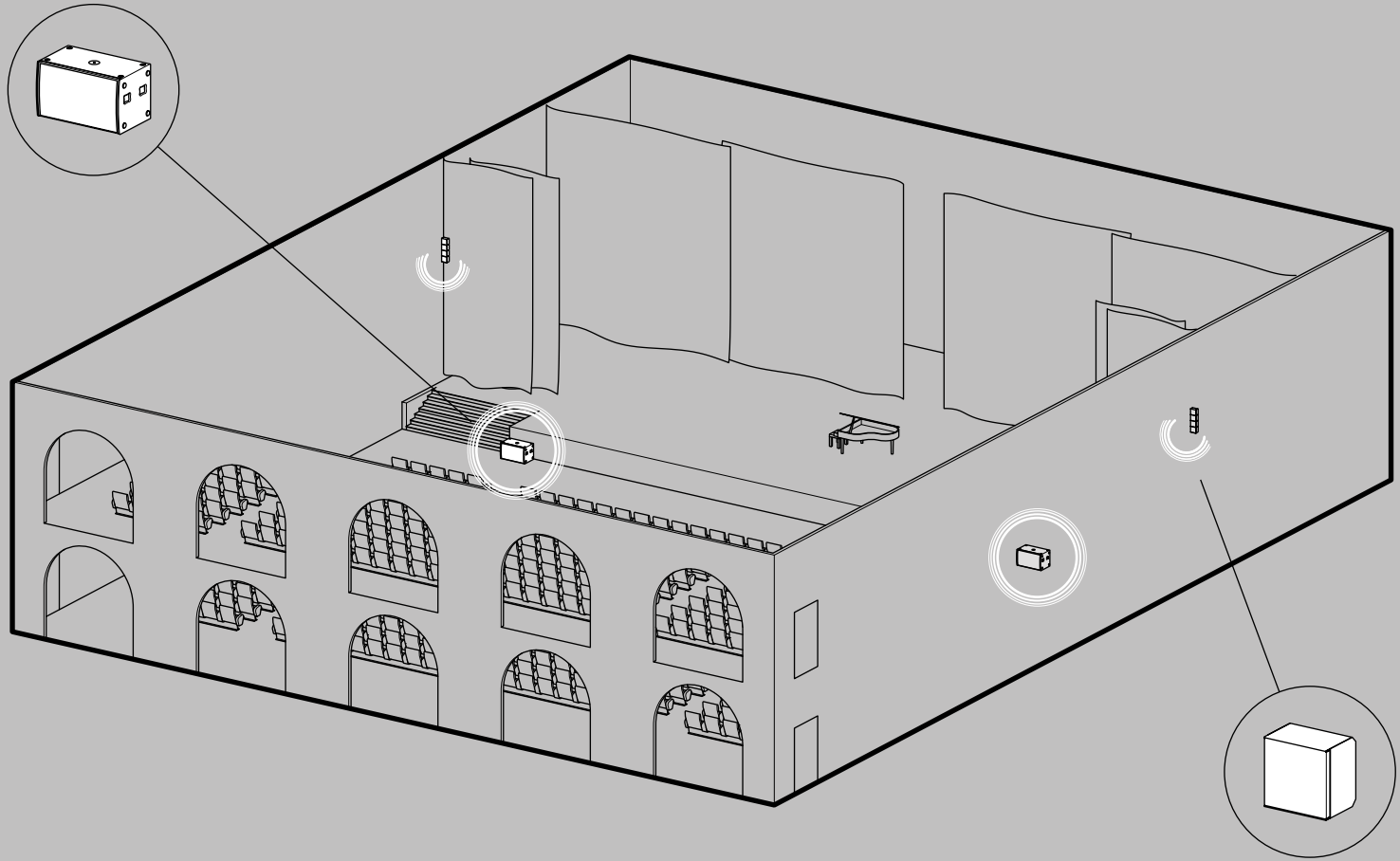




**Kommander-KA104**

Amplifier 8,15 kg  
430 x 87 x 430 mm  
4 x 2500W @ 4Ω







Conf.	Area	Speakers	Subwoofers	Amplifiers	Accessories	Music Use	
1	800 sq m (8611 sq ft)	8x <b>GH8</b>	2x <b>GS218</b>	1x <b>Kommander-KA104</b>	4x <b>GH8-FLY</b> 2x <b>GH8-JOINT</b>		
Conf.	Area	System				Accessories	Music Use
2	800 sq m (8611 sq ft)	1x <b>GP18A + GP18</b> (Powered 18" subwoofer (Active) + Column Speakers System) + (Powered 18" subwoofer + Column Speakers System) /					

SUPER BOWL

LVII

FOX

SUPER BOWL  
FOX

4:46:45  
SUPER BOWL LVII

20  
10

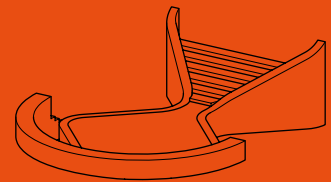






**Broadcast  
Studios**  
Main studios


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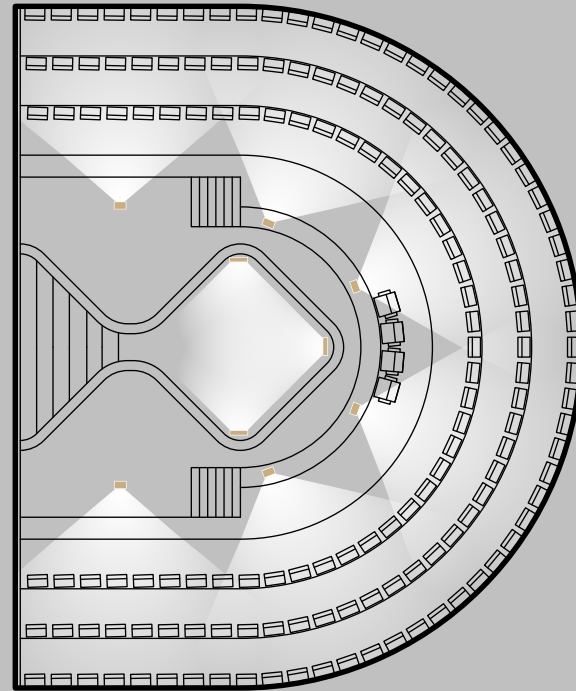
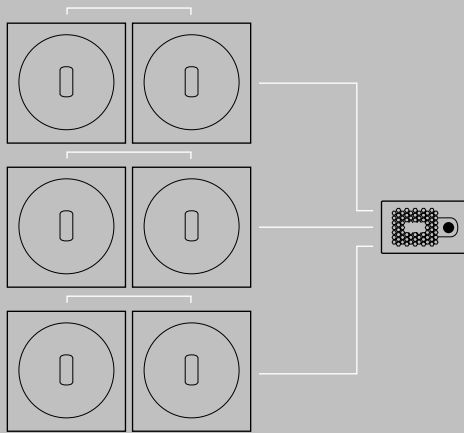
**K**GEAR

# MAIN STUDIOS

## Configuration 2

305 sq m (3.282 sq ft) 

● SPEAKER ● SUBWOOFER



**GH12**

Speaker  
327 x 334 x 198 mm  
13,8 kg

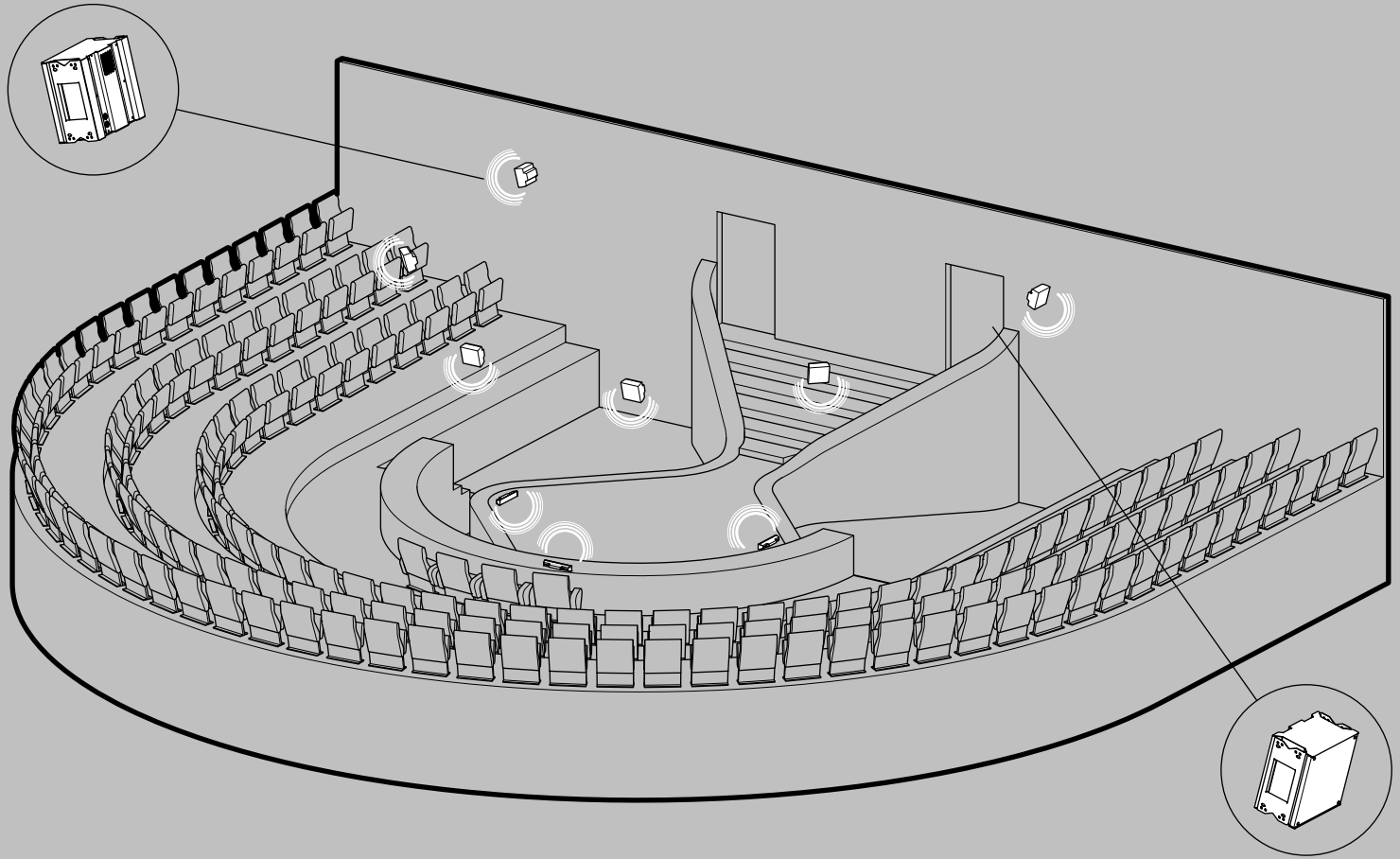


**GA46**

Amplifier  
145 x 90 x 418 mm  
3,8 kg







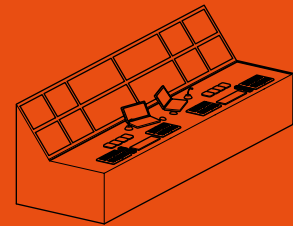
Conf.	Area	Speakers	Subwoofers	Amplifiers	Accessories	Music Use
1	200 sq m (2153 sq ft)	4x <b>GH4</b>	1x <b>GS18</b>	1x <b>GA46</b>	4x <b>GH4-FLY</b>	
2	305 sq m (3282 sq ft)	6x <b>GH12</b>	/	1x <b>GA46</b>	6x <b>GH-FLY</b>	







Broadcast  
Studios  
OB Vans



**K**GEAR

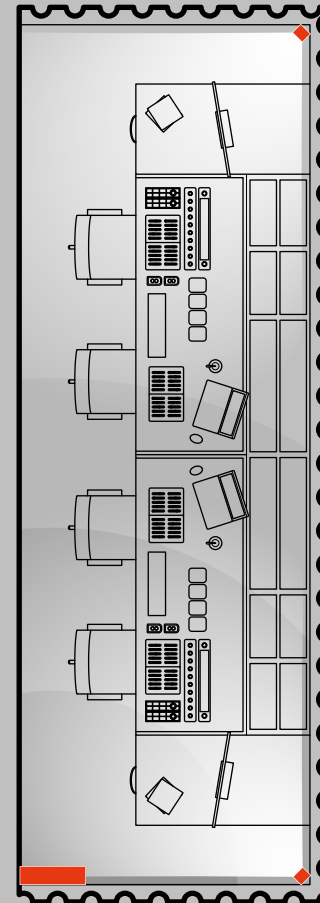
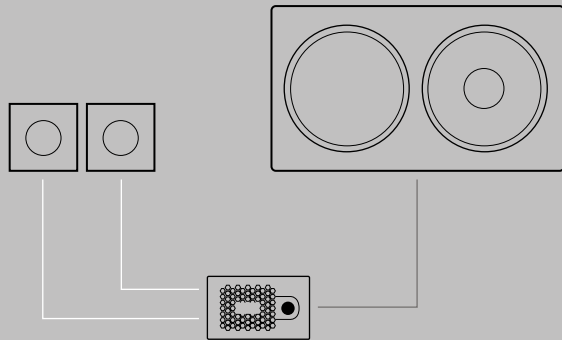
# OB VANS

## Configuration 1

20 sq m (215 sq ft)



● SPEAKER ● SUBWOOFER



**GH4**

Speaker  
112 x 112 x 94 mm  
1,2 kg



**GU210**

Subwoofer  
560 x 282 x 150 mm  
12 kg

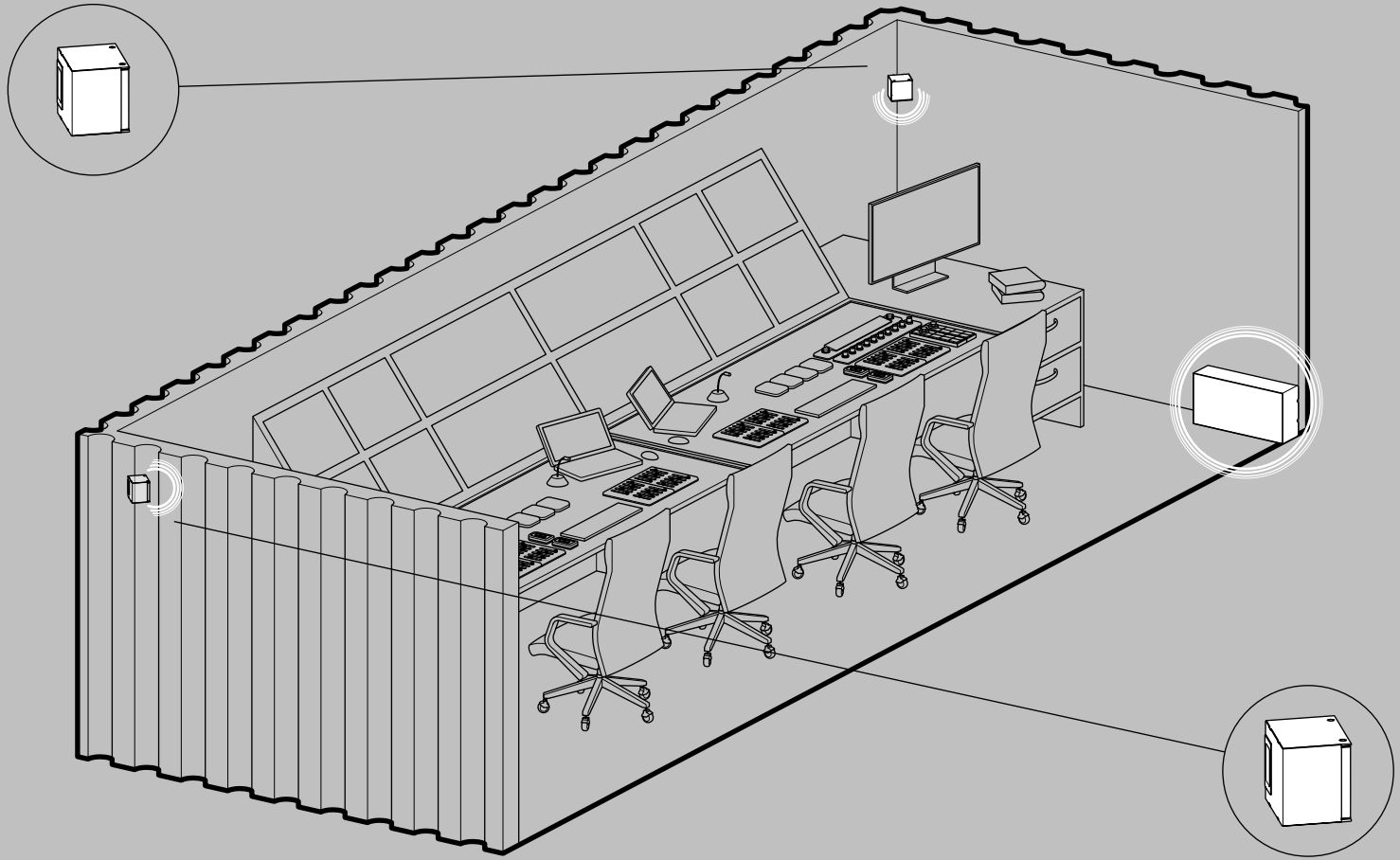



**GA43**

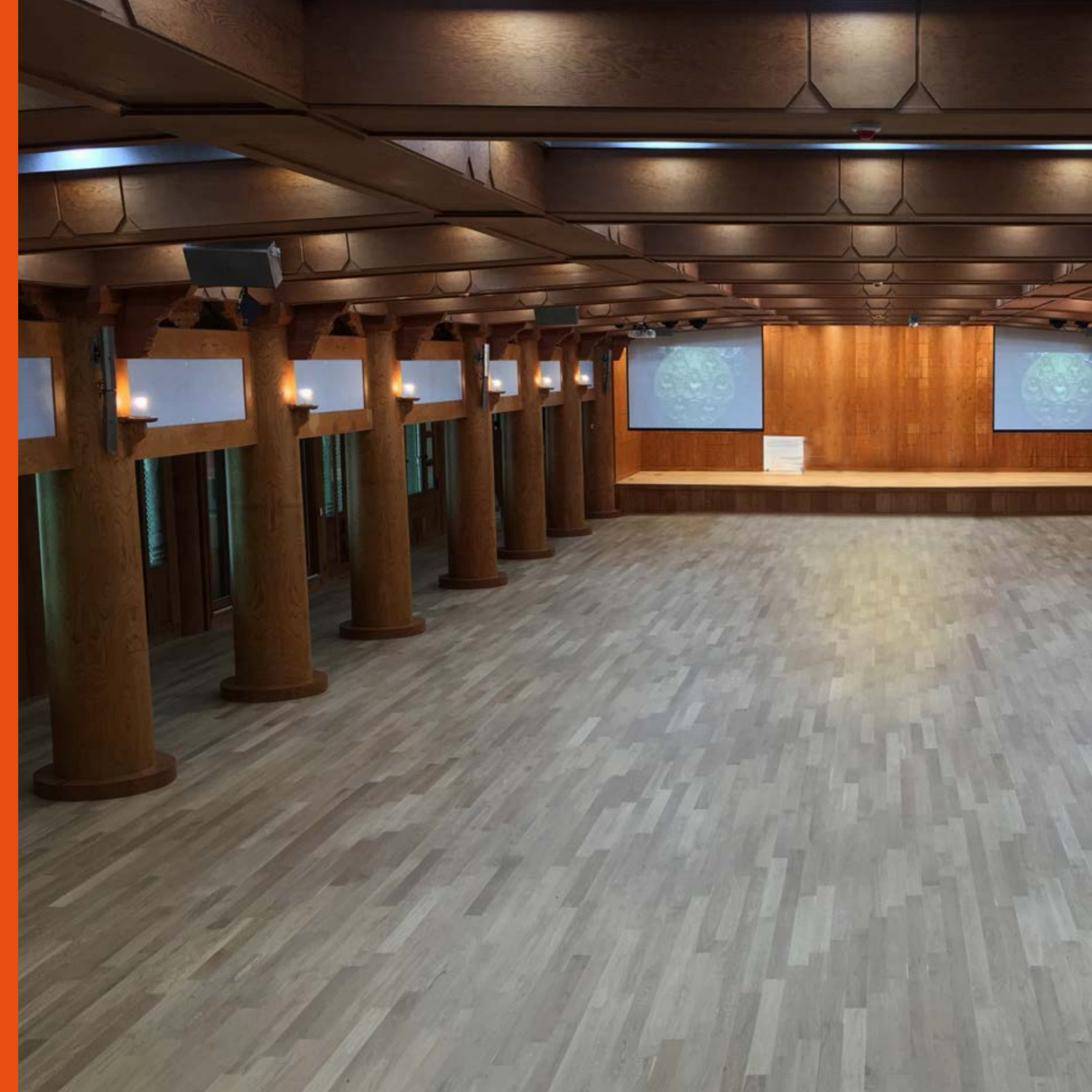
Amplifier 3,6 kg  
145 x 90 x 418 mm  
4x750 W @4Ω







Conf.	Area	Speakers	Subwoofers	Amplifiers	Accessories	Music Use
1	20 sq m (215 sq ft)	2x <b>GH4</b>	1x <b>GU210</b>	1x <b>GA43</b>	2x <b>GF-WALL</b>	

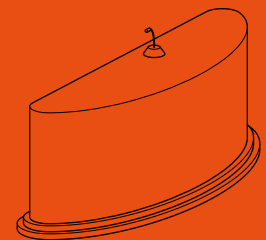






Large  
Congregations  
Main halls


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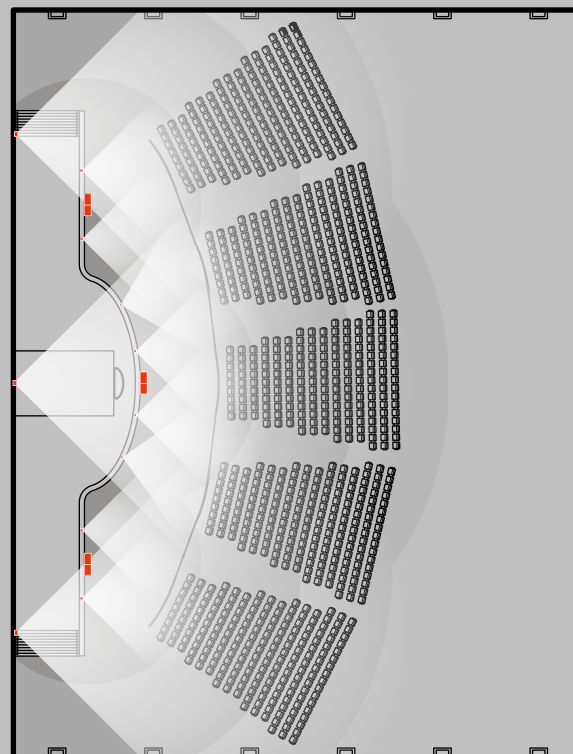
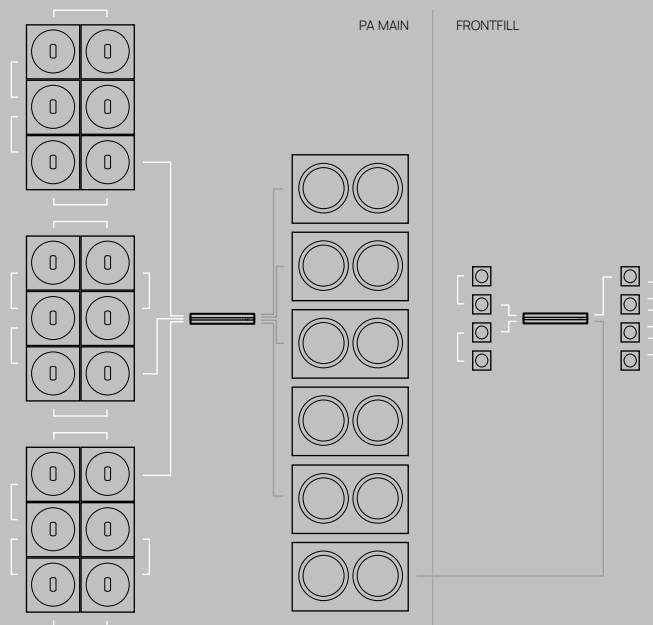
**K**GEAR

# MAIN HALLS

## Configuration 1

3980 sq m (42.840 sq ft) 

● SPEAKER ● SUBWOOFER



GH4

Speaker  
112 x 112 x 94 mm  
1,2 kg



GH12

Speaker  
327 x 334 x 198 mm  
13,8 kg



GS218

Subwoofer  
1035 x 614 x 600 mm  
58 kg



**Kommander-KA104**

Amplifier 8,15 kg  
430 x 87 x 430 mm  
4 x 2500W @ 4Ω

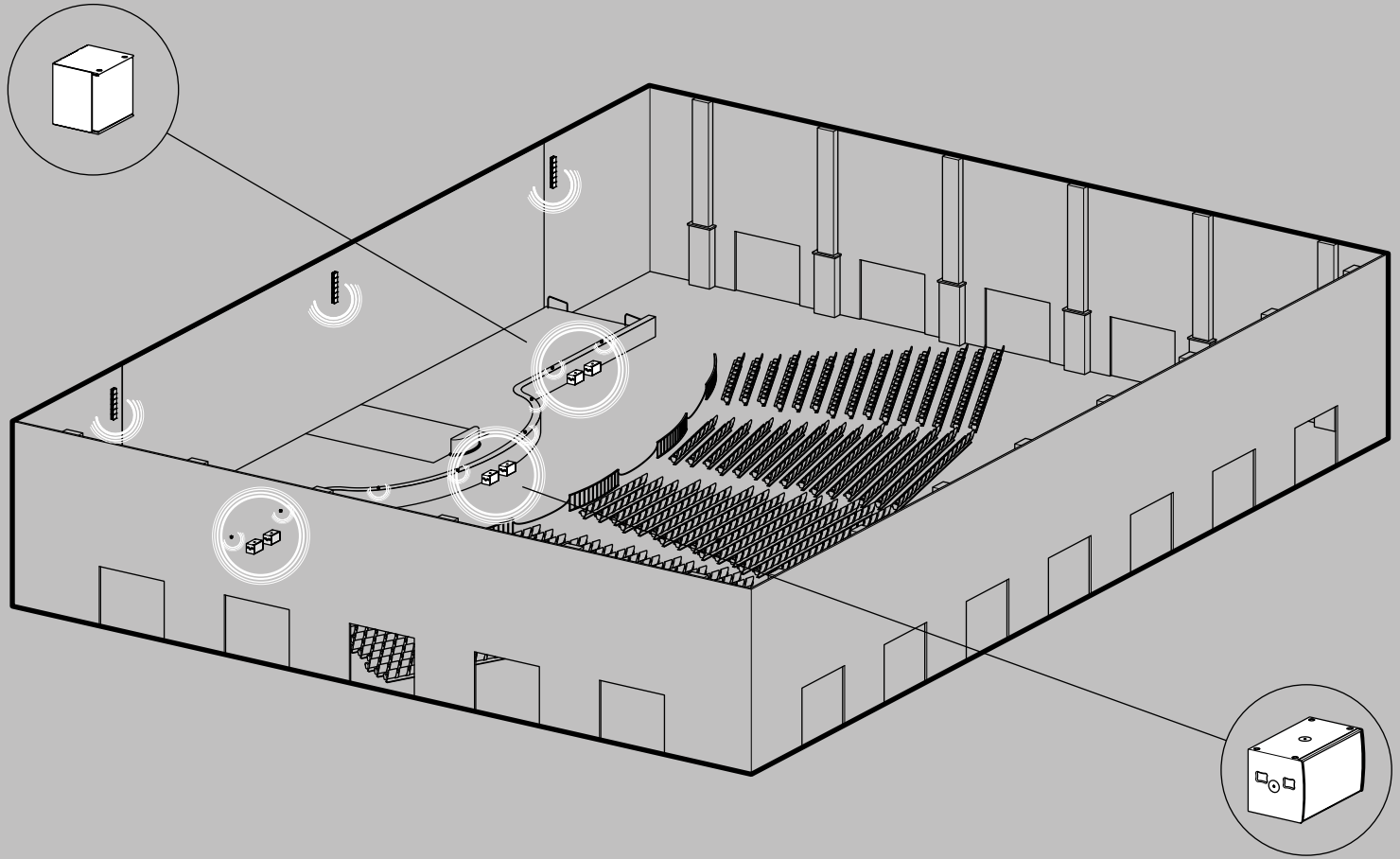



**Kommander-KA208**

Amplifier 10 kg  
430 x 87 x 430 mm  
8 x 2500W @ 4Ω







Conf.	Area	Speakers	Subwoofers	Amplifiers	Accessories	Music Use
1	3980 sq m (42.840 sq ft)	18x <b>GH12</b> 8x <b>GH4</b>	6x <b>GS218</b>	1x <b>Kommander-KA208</b> 1x <b>Kommander-KA104</b>	3x <b>GH-FLY</b> 15x <b>GH-JOINT</b>	

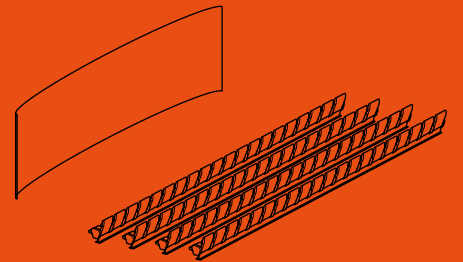






**Cinemas**  
Cinema halls


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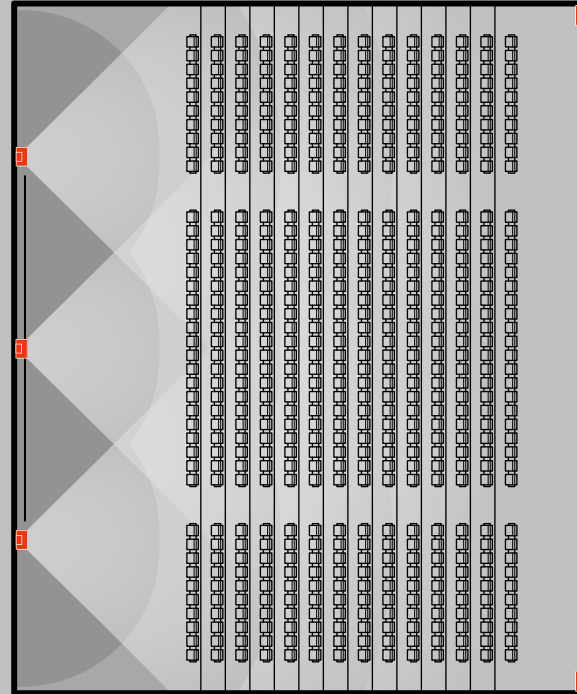
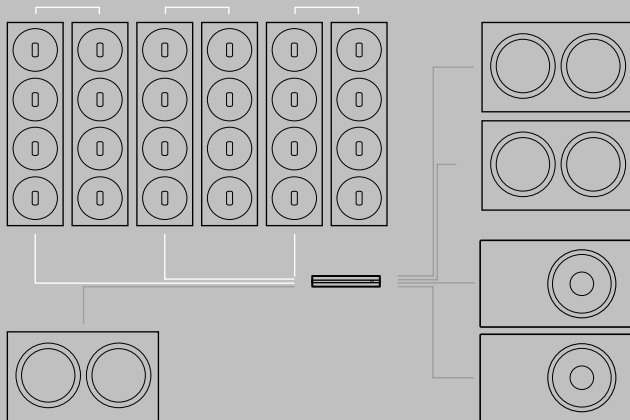
**K**GEAR

# CINEMA HALLS

## Configuration 1

1300 sq m (13.993 sq ft) 

● SPEAKER ● SUBWOOFER



**GH412**

Speaker  
327x 1290 x 198 mm  
55,2 kg



**GS218**

Subwoofer  
1035 x 614 x 600 mm  
58 kg



**Thunder-KSC18P I**

Subwoofer  
1100 x 700 x 380 mm  
53 kg

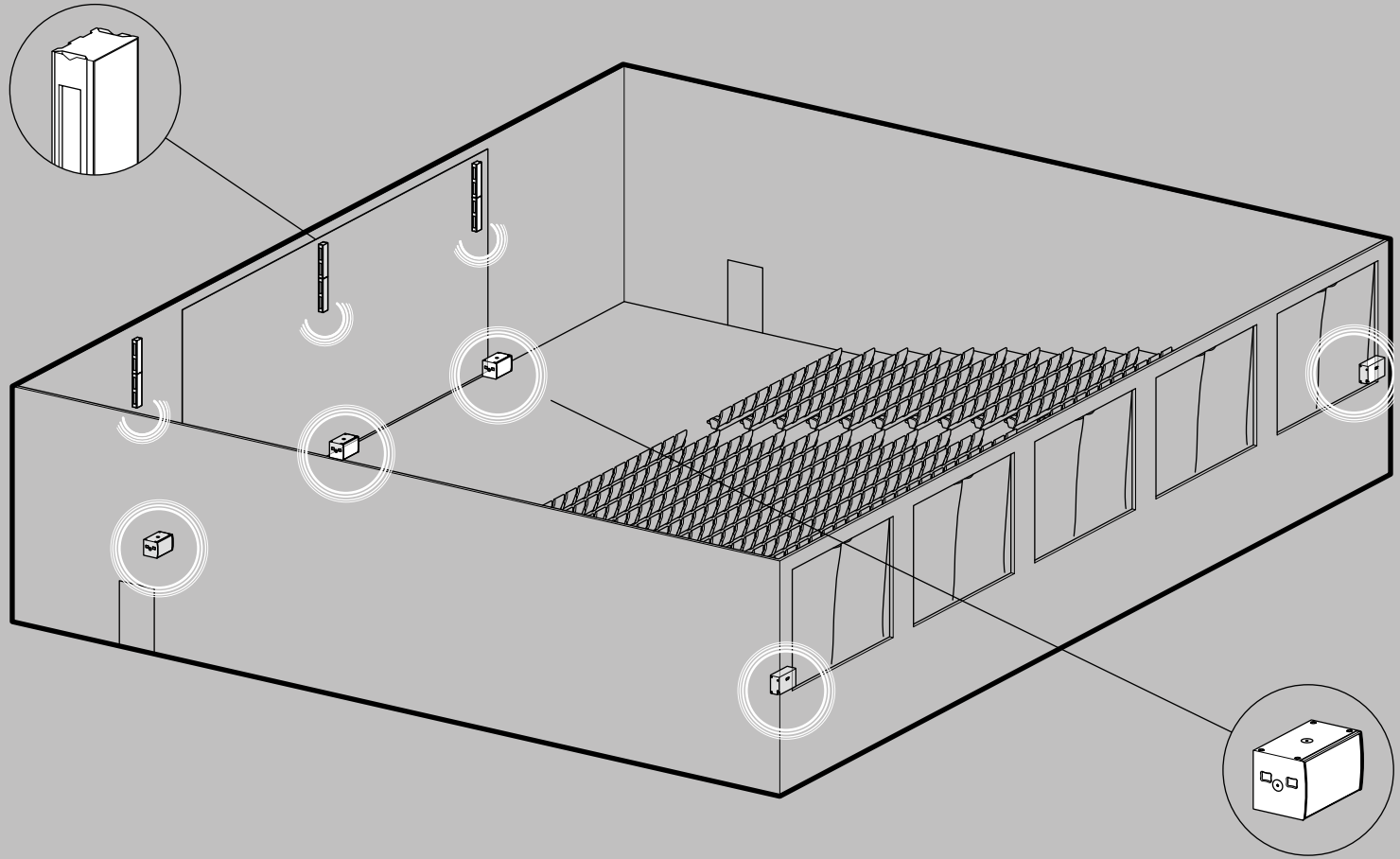



**Kommander-KA208**

Amplifier 10 kg  
430 x 87 x 430 mm  
8 x 2500W @ 4Ω







Conf.	Area	Speakers	Subwoofers	Amplifiers	Accessories	Music Use
1	1300 sq m (13.993 sq ft)	6x <b>GH412</b>	3x <b>GS218</b> 2x <b>Thunder-KSC18P</b>	1x <b>Kommander-KA208</b>	2x <b>GH-FLY</b> 3x <b>GH-JOINT</b>	

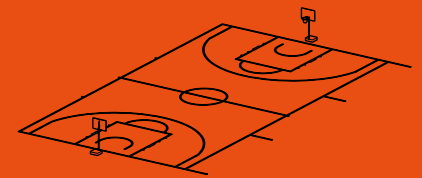


STADIO  
DAVIDE ASTORI





**Sport Venues**  
Arenas



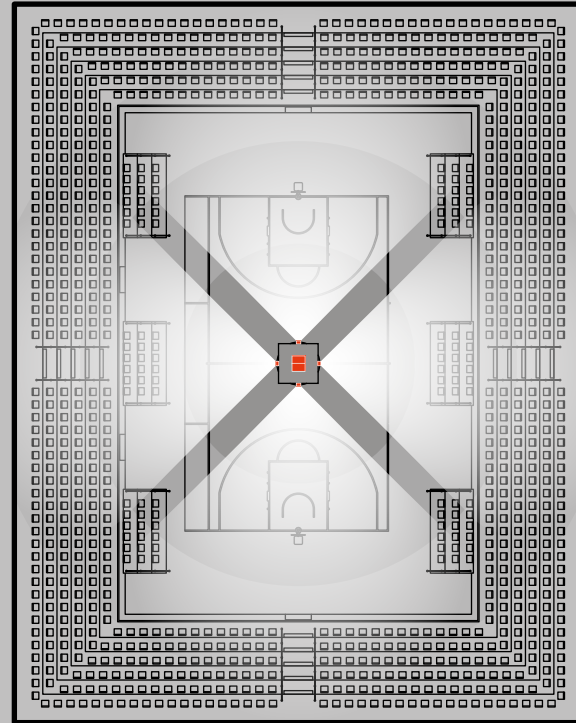
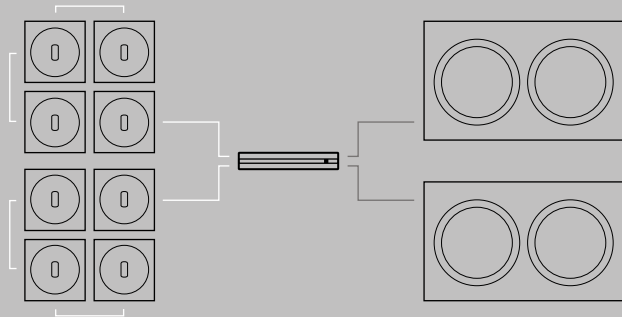
**K**GEAR

# ARENAS

## Configuration 1

2860 sq m (30.784 sq ft) 

● SPEAKER ● SUBWOOFER



**GH12**

Speaker  
327 x 334 x 198 mm  
13,8 kg



**GS218**

Subwoofer  
1035 x 614 x 600 mm  
58 kg

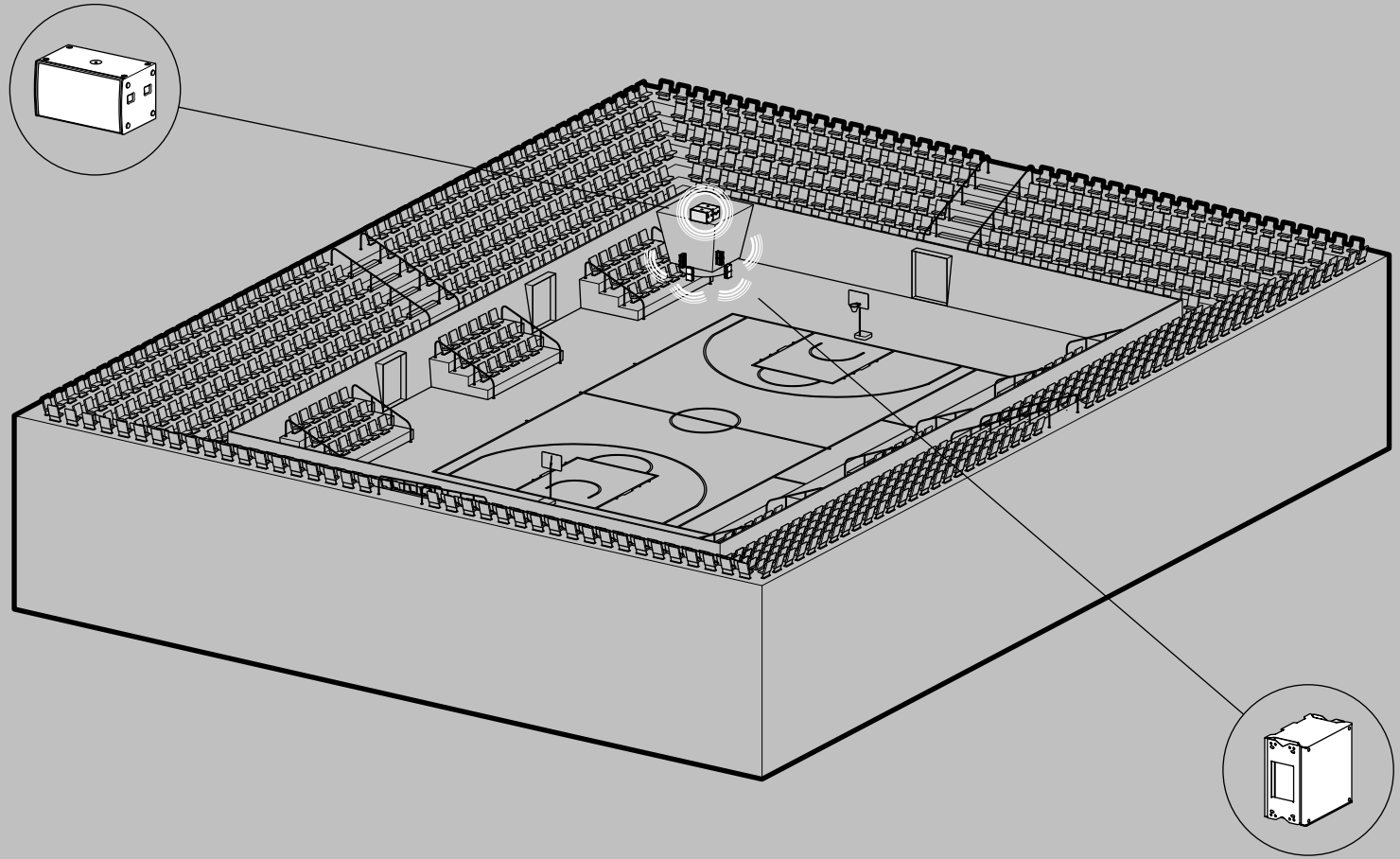



**Kommander-KA104**

Amplifier 8,15 kg  
430 x 87 x 430 mm  
4 x 2500W @ 4Ω








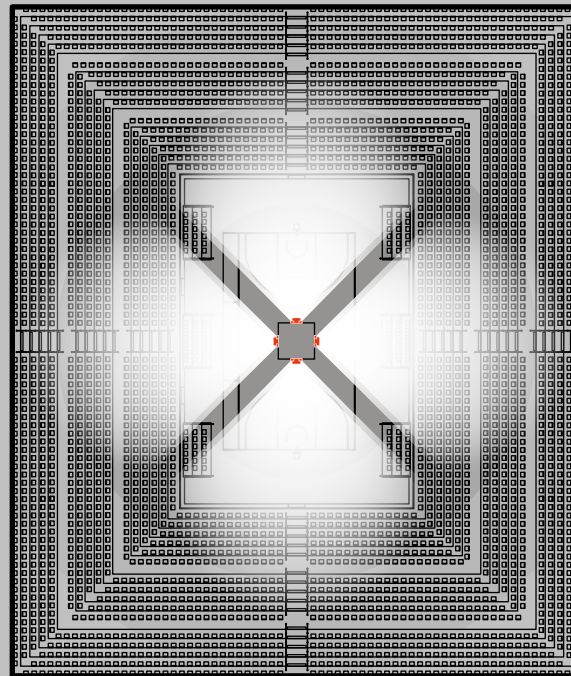
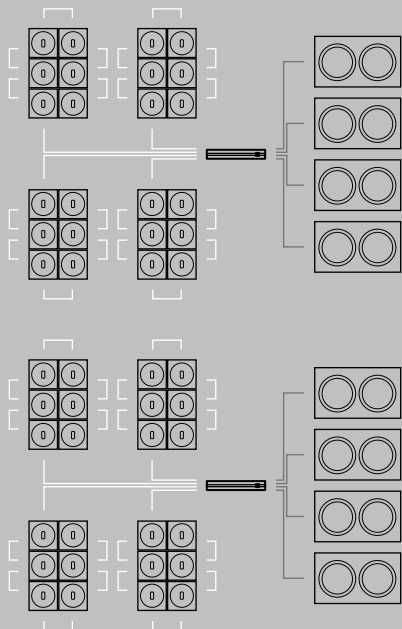
Conf.	Area	Speakers	Subwoofers	Amplifiers	Accessories	Music Use
1	2860 sq m (30.784 sq ft)	8x <b>GH12</b>	2x <b>GS218</b>	1x <b>Kommander-KA104</b>	4x <b>GH-FLY</b> 4x <b>GH-JOINT</b>	
2	6350 sq m (68.350 sq ft)	48x <b>GH12</b>	8x <b>GS218</b>	2x <b>Kommander-KA208</b>	16x <b>GH-FLY</b> 32x <b>GH-JOINT</b>	

# ARENAS

## Configuration 2

6350 sq m (68.350 sq ft) 

● SPEAKER ● SUBWOOFER



**GH12**

Speaker  
327 x 334 x 198 mm  
13,8 kg



**GS218**

Subwoofer  
1035 x 614 x 600 mm  
58 kg

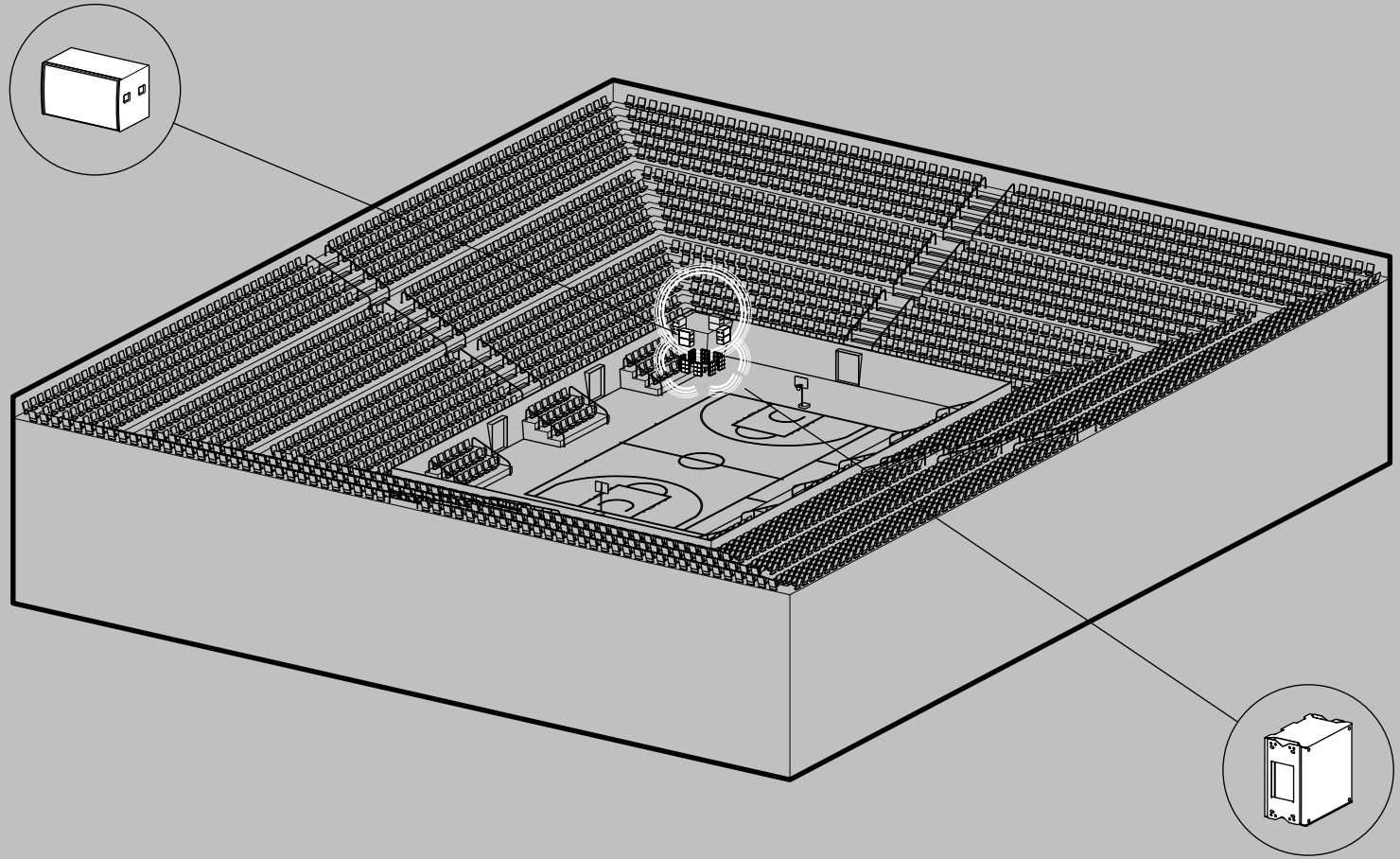




**Kommander-KA208**

Amplifier 10 kg  
430 x 87 x 430 mm  
8 x 2500W @ 4Ω







Conf.	Area	Speakers	Subwoofers	Amplifiers	Accessories	Music Use
1	2860 sq m (30.784 sq ft)	8x <b>GH12</b>	2x <b>GS218</b>	1x <b>Kommander-KA104</b>	4x <b>GH-FLY</b> 4x <b>GH-JOINT</b>	
2	6350 sq m (68.350 sq ft)	48x <b>GH12</b>	8x <b>GS218</b>	2x <b>Kommander-KA208</b>	16x <b>GH-FLY</b> 32x <b>GH-JOINT</b>	

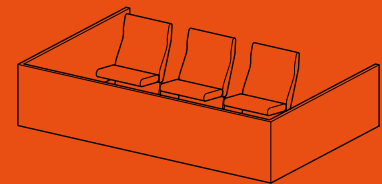








**Sport Venues**  
Sky boxes



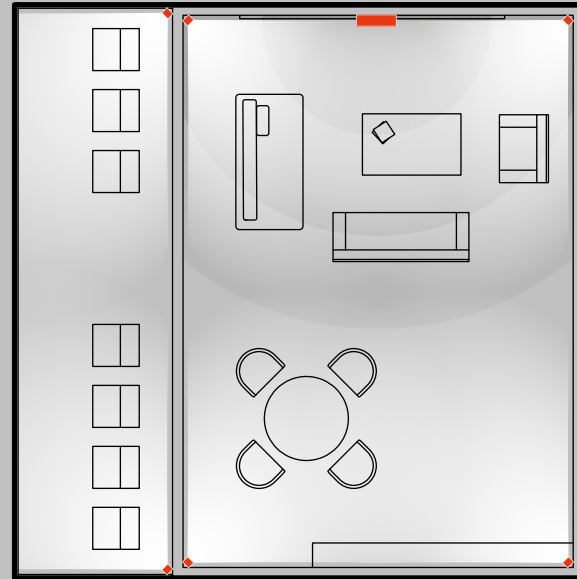
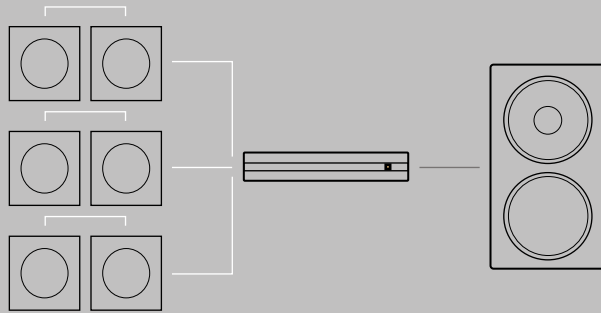
**K**GEAR

# SKY BOXES

## Configuration 1

60 sq m (645 sq ft) 

● SPEAKER ● SUBWOOFER



**GH4**

Speaker  
112 x 112 x 94 mm  
1,2 kg



**GU210**

Subwoofer  
560 x 282 x 150 mm  
12 kg

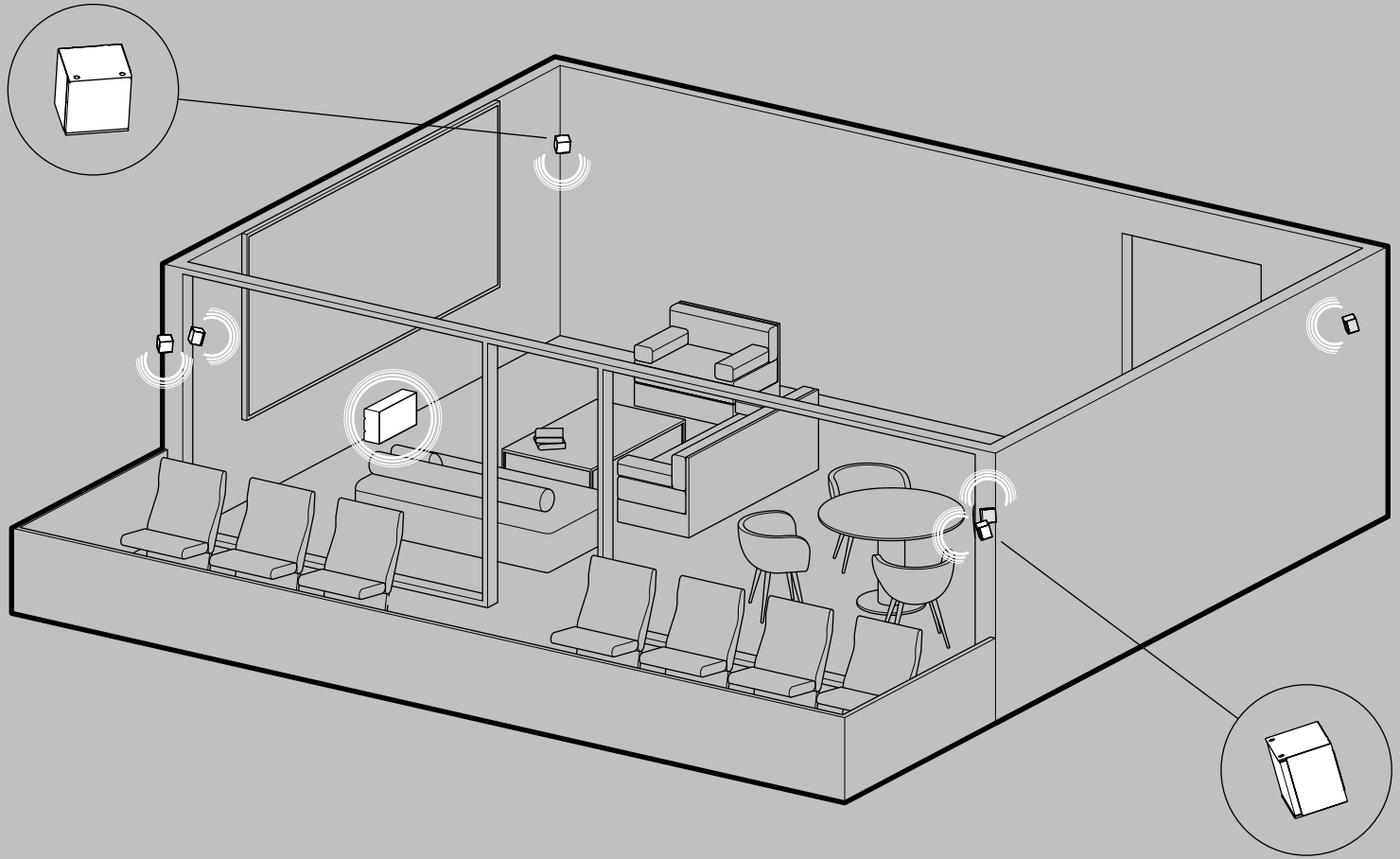



**Kommander-KA14 I**

Amplifier 6 kg  
430 x 87 x 430 mm  
4x 600W @ 2Ω







Conf.	Area	Speakers	Subwoofers	Amplifiers	Accessories	Music Use
1	60 sq m (645 sq ft)	6x <b>GH4</b>	1x <b>GU210</b>	1x <b>Kommander-KA14 I</b>	6x <b>GF-WALL</b>	

VIOLA PAR



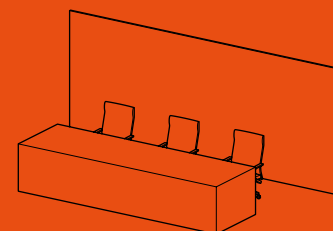
Mediacom



ARK




**Sport Venues**  
Press rooms



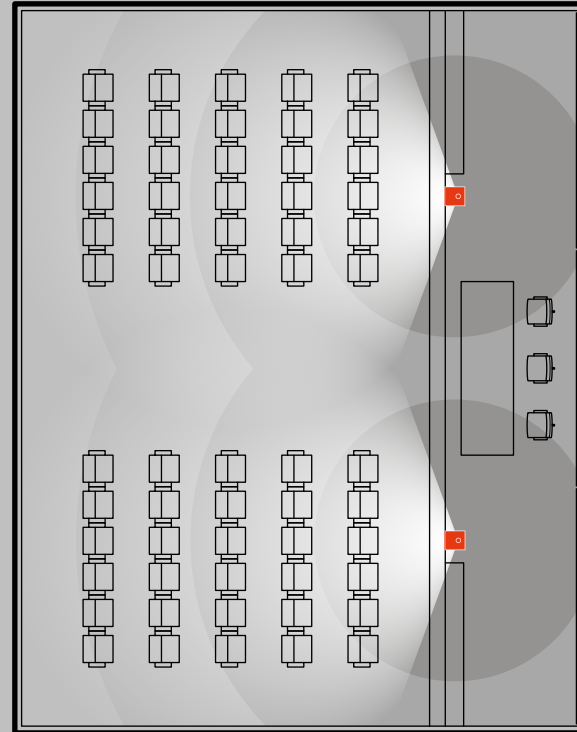
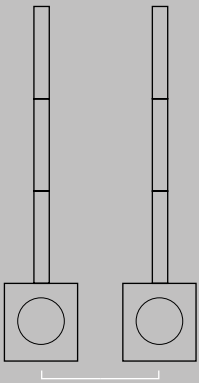
**K**GEAR

# PRESS ROOMS

## Configuration 1

200 sq m (2.152 sq ft) 

● SPEAKER ● SUBWOOFER



**GP12**

System  
405 x 2080 x 430 mm  
19 kg

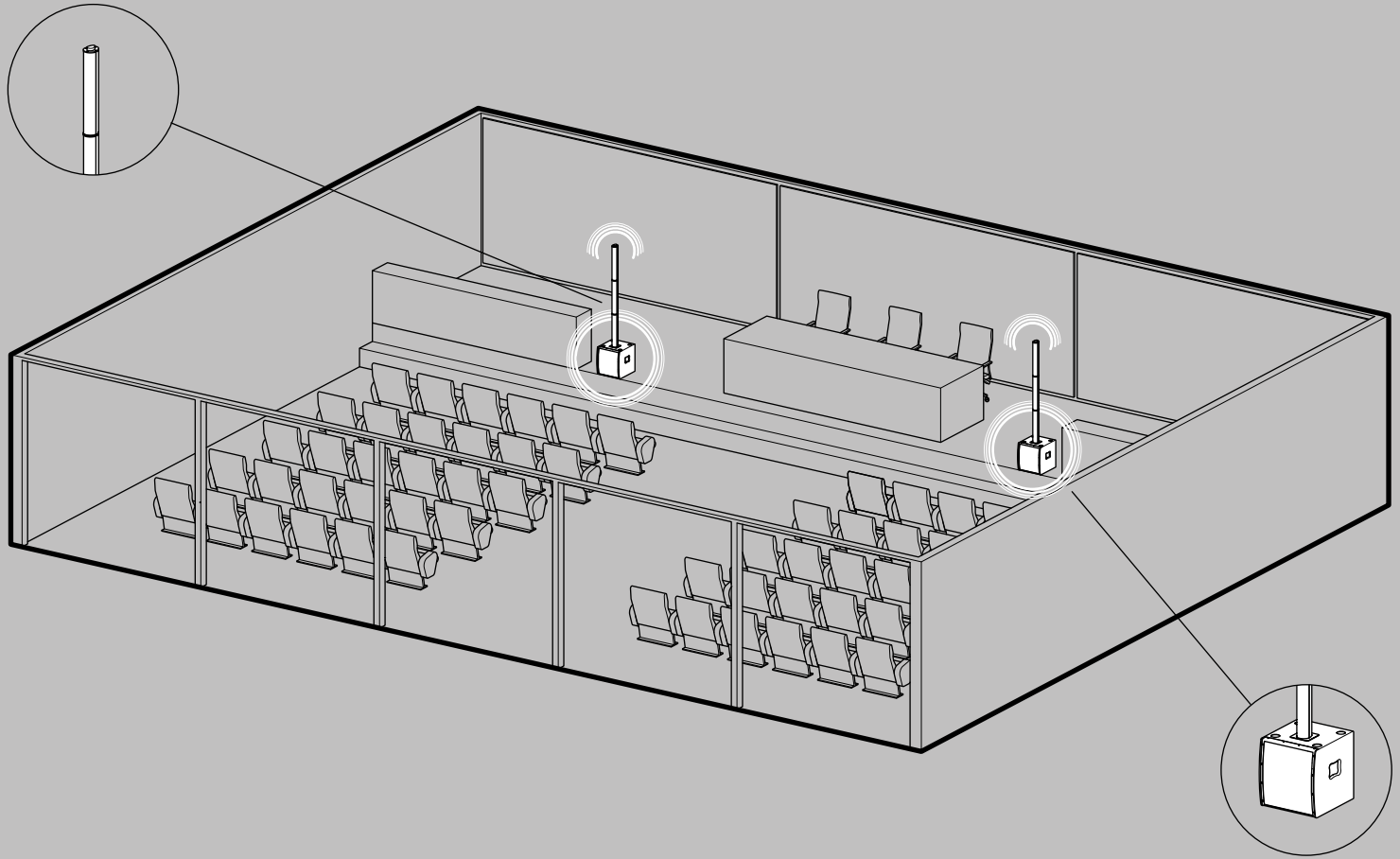



**GP12A**

System  
405 x 2080 x 430 mm  
20 kg







Conf.	Area	System	Accessories	Music Use
1	200 sq m (2152 sq ft)	1x <b>GP12 + GP12A</b> (12" Subwoofer (Active) + 16x2" Modular Column System) + (12" Subwoofer + 16x2" Modular Column System)	/	

ARE YOU IN THESE PROFESSIONAL CATEGORIES?



System Integrator



Rental Company



Installer



Designer

BE PART  
OF THE  
SOLUTION

Join our network  
of certified pros  
to be listed within  
our partner



[www.k-array.com/en/distributors](http://www.k-array.com/en/distributors)



43°57'00"N-11°22'59.88"E

# AN AUTHENTIC PLACE



## K-ARRAY WARRANTY

K-array surl warrants its products against defects in material or workmanship. The term of the K-array surl Warranty is five years from the original date of purchase of the product and their accessories. This warranty may be transferred to a subsequent owner during the warranty period. However, such a transfer shall not extend the warranty period beyond the original warranty period of five years from the original date of purchase stated on the invoice from the distributor to the end client.



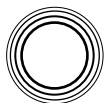
## IMPORTANT:

The configurations showcased in this Catalog are just examples, they don't represent existing projects. While not representing real projects, they can serve as inspiration for what's possible. Dive into our K-array Lookbook to explore specific, well-designed audio projects. Have a project to share? Send your materials to [marketing@k-array.com](mailto:marketing@k-array.com), it might be selected for our next Lookbook.

## LEGEND:



Speakers



Subwoofers



Lights

In accordance with its policy of continuous product development, K-array reserves the right to introduce any changes to its products without prior notice. Materials, colors and data presented in the catalog are only for reference. K-array is available to customize systems, finishes and new applications upon request.

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[www.kscape.it](http://www.kscape.it)





Designed and Made in Italy

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