



array **K**

The Vision

K-array is a renowned manufacturer of innovative pro audio solutions with our global headquarters in Florence, Italy.

Since 1990, we have concentrated our efforts and resources in the revolutionary design and manufacture of highly-efficient audio systems that produce unparalleled performance.

We pride ourselves on being unique to the market, inventing solutions never dreamed of before. Whether a flexible, long speaker or extremely flat speaker boxes, our pursuit is to pioneer the design of audio elements that are adaptable to a host of applications so that audio quality is never compromised.

Our creativity, culture and design come from our deeply-entrenched Italian roots and we aim to demonstrate this through every facet of our creations. Crafted with artistry using premium materials, K-array's products are created right here in Tuscany.

And accommodating our clients, colleagues and partners with Italian hospitality means our tight-knit group is considered family. That's what we consider the K-array experience.

To be an inventor, you have to be a bit rebellious to go against the grain and that is what we set out to do year after year with our innovative technologies and unparalleled solutions. 2017 will be no different.





Le Mozzete Villa
San Piero a Sieve, Mugello, Italy



K-Family

In a chemical reaction, parts of a core nucleus interact to form new bonds and create a new end product. K-array's start is no different.

In 1990, three reactants – Massimo Ferrati, Alessandro Tatini and Carlo Tatini – connected to create a new end product: HP Sound. The chain reaction was immediate and the three founding partners set out to create solutions for Italian broadcast and manufactured various electronics solutions branded by other companies as well as developing their own line of MI-based equipment.

By 2005, the three catalysts turned their sights to live sound reinforcement and formed another new product: K-array.

After years of careful research and testing, K-array's flagship Concert Series was introduced and helped establish us as a manufacturer of innovative pro audio solutions.

And as the company's portfolio grew, so did our family of dedicated designers, inventors and distributors. Now with over 60 employees located in Tuscany and a network of more than 35 distributors worldwide, our K-family is a global force of trusted agents who are just as passionate about the brand as the original nucleus.













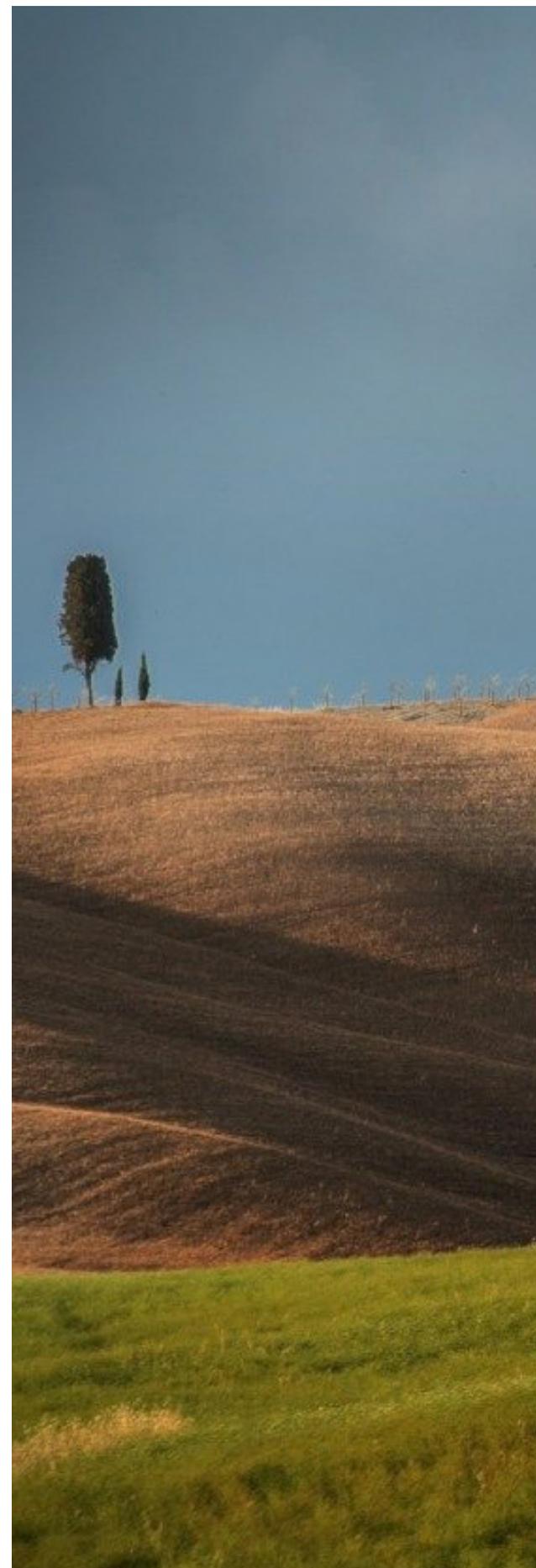
Territory

It is natural to feel strongly linked to the place where you grew up. It nourishes a form of gratitude, obedience and, at the same time, loyalty to a place so full of history and emotions.

K-array is situated in San Piero a Sieve, a small town nestled in the Tuscan hills outside of Florence, amongst stone architecture – the same stone that Steve Jobs chose for his Apple Store after a trip to Florence – in an area with twenty-seven centuries of human history ever since the Etruscans built stone walls more than 500 years before Christ.

Fortunate to create in a place of such moving beauty, we operate in a condition of privilege and advantage compared to operating in a big city. The nature, the roads that wind through the hills among the olive trees, the stream, the singing owl, the sounds of hunting, afternoons looking for mushrooms and collecting field asparagus: all this is magic.

Here, ideas are born purely spontaneously without any influence other than the magical sounds and feelings that give life to this Tuscan land. This is where we will continue building something important that leaves only a trace of our hard work and ingenuity.





Tuscan Hills
Galliano, Mugello, Italy





The Workshop

With humble beginnings in a small warehouse on the outskirts of Florence, operations in San Piero a Sieve has grown into an entire warehouse facility complete with a concert hall and company offices.

The whole production and manufacture of the entire breadth of our products are researched, designed and handmade from start to finish by a highly dedicated and passionate workforce using premium materials that are built to last.

This method is integral to spirit of the brand and supports the pillars of K-array which define us as a company and capture our culture. The characteristics that define our values are unique, premium and perceptive.

We strive to be daring and forward-thinking with our unique products and innovative technology. At K-array, our research and investment goes into understanding market demands and developing products that overcome industry challenges.





K-array HQ
San Piero a Sieve, Mugello, Italy







Case Studies

With solutions from the Installed Sound, Portable Systems and Concert Series lines, K-array offers complete sound reinforcement for a wide range of applications on a global scale.

Offering high-quality unique products and innovative technologies in a variety of sizes and SPL outputs, we have the capability to provide a customized system to meet the needs of local and international companies alike in a number of venues and settings. Our case studies highlight the diverse work we do across all industries.

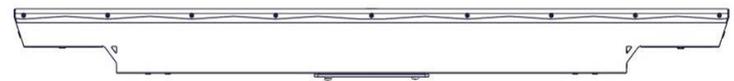


Auditoriums and Corporate, Education and Government Facilities

It's not enough to have only a valuable message to engage an audience. Without high intelligibility, an effective speech can become impotent. In places of academia, conferences and seminars and houses of senate, systems with clear spoken word and the ability to cover a large area uniformly is the key to continuing the conversation. And K-array's long line arrays do just that. They also have the capability to minimize feedback issues, which proves to be especially convenient on a platform full of microphones and allows for any desired system arrangement.

Kobra-KK102I

Ultra-slim, high-power line
array elements



Centro Cultural de Belem
Lisbon, Portugal

5.9 x 100.0 x 8.1 cm (2.93" x 39.37" x 3.18")
4.8 kg (10.58 lb)



Fitness and Wellness

Whether to soothe the soul and help the mind relax or to pump the body full of endorphins and push the physique, audio plays a vital part in the success of fitness and wellness centers. K-array audio solutions are employed to provide clear spoken word, to get the trainers' instructions out over the grunts of exercisers and to keep weightlifters concentrated throughout their workout with powerful audio. And our systems, made of the most reliable and durable materials, are no match for sauna steam and are able to withstand the test of time in aquatic environments.

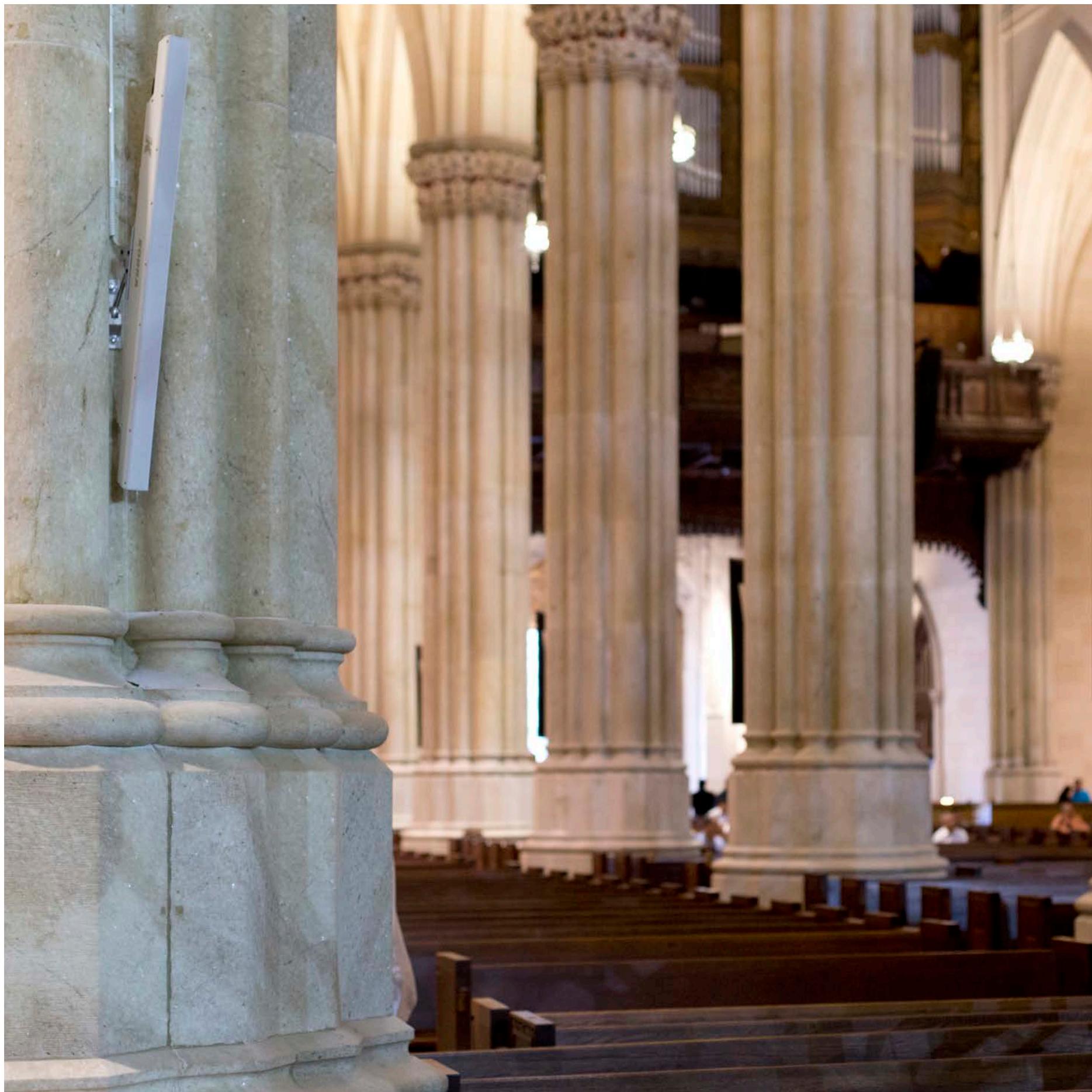
Tornado-KT2
2" point source, compact
speaker



7.4 x 12.1 x 11.7 cm (2.93" x 4.76" x 4.62")
0.6 kg (1.23 lb)

Forsthofalm Hotel
Salzburg, Austria



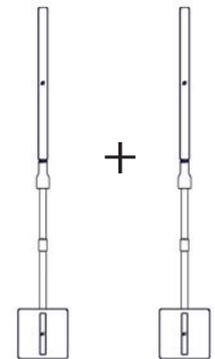


Houses of Worship

Hallowed structures with devout congregations call for natural sound in a discreet frame. In houses of worship with impressive architecture, arched ceilings or even simplistic buildings with minimal décor, the narrow vertical coverage of K-array's slim column speakers minimizes the sound spill towards the ceiling and the floor, thus increasing the intelligibility in highly reverberant environments. The possibility to customize the color of the speakers to perfectly match the décor of the sanctuary is available.

Pinnacle-KR102

High-tech, ultra-light powered
stereo system



St. Patrick's Cathedral
New York City, USA

32.6 x 222.0-254.0 x 43.5 cm (12.83" x 87.4"- 100.0" x 17.12") per side
23.0 kg per side





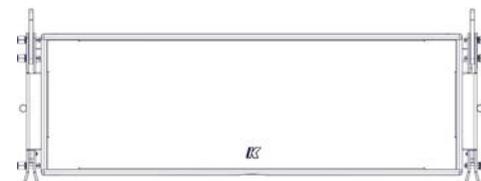
Temple of Solomon
São Paulo, Brazil

Large Congregations

When a large amount of people unite under one belief, their biggest interest is taking in the celebration which is why a system that provides high intelligibility and clear spoken word is a necessity for large congregations. K-array's compact line arrays are ideal in getting the devotion to the audience with maximum clarity and equally fitting for live bands to sing the good word.

Mugello-KH3

Medium format, digitally acoustic steering,
powered line array elements



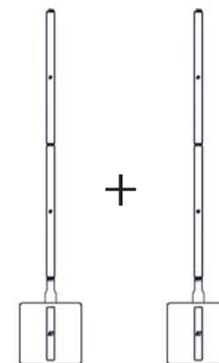
121.8 x 37.0 x 21.0 cm (47.95" x 14.56" x 8.26")
29.0 kg (63.93 lb)



Theaters and Concert Halls

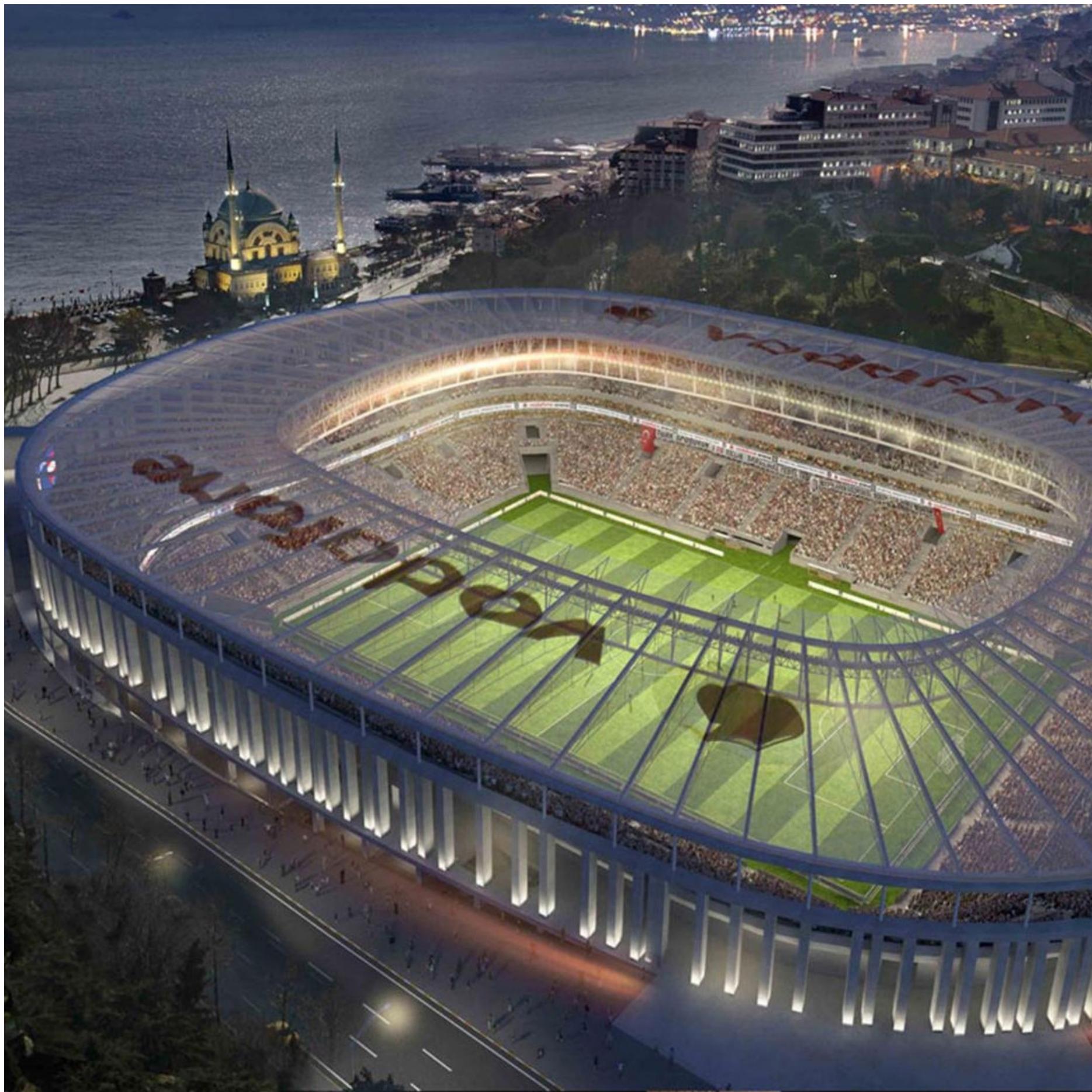
Ornate theaters and grand concert halls are some of the most beautiful buildings in the world. After all, it's only fitting that monuments to culture should be works of art themselves. Precisely why K-array's slim line arrays are the ideal audio solutions. With a slim form factor that doesn't obstruct audience views, the compact speakers have the capability to cover large venues with a minimal amount of elements. K-array's portfolio also contains some of the most unique solutions that can adapt to the curvature of the stage or the shape of seating for an impressive option for front fill and under balcony fill.

Pinnacle-KR202
High-tech, ultra-light powered
stereo system



Suntory Hall
Tokyo, Japan

46.5 x 269.2 x 59.6 cm (18.3" x 105.98" x 23.46")
36,8 kg (81.13 lb) per side

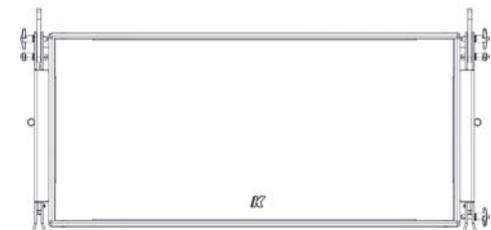


Stadiums and Sport Venues

A high-intensity match with a victory high and a despairing defeat are all part of the entertaining experience at a sporting event. Stadiums, arenas, hippodromes, tracks and recreational sports facilities that employ K-array systems get an added-experience: powerful sound to match the powerful emotions running through the spectators, players and coaches alike. K-array's compact large-scale line arrays provide maximum clarity and definition and direct the sound to the audience area to provide continuous, even coverage that reaches the last bleacher in the stands.

Mugello-KH5

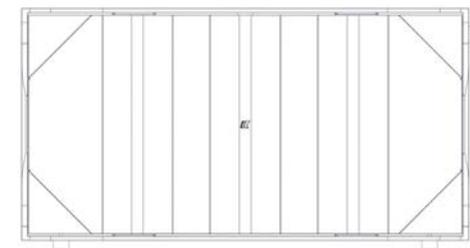
Digital acoustic steering, powered line array element



121.8 x 52.0 x 21.0 cm (47.95" x 20.47" x 8.26")
61.0 kg (134.48 lb)

Mugello-KS5

Large format, self-powered subwoofer element



116.2 x 59.0 x 85.0 cm (45.74" x 23.22" x 33.46")
104.4 kg (230.16 lb)

Vodafone Arena
Istanbul, Turkey





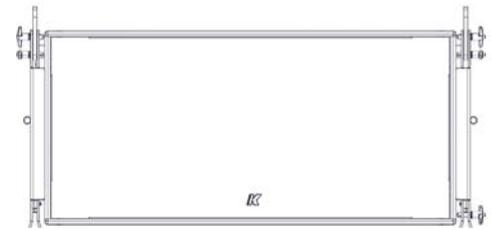
Luce della Vita Nightclub
Shanghai, China

Nightclubs

With the beats flowing and the bass pumping, K-array designs acoustic systems of high quality and flexibility for lounges and clubs and bars and pubs. The powerful, yet fast and controlled, sound that the speakers produce pulses through the veins and literally punches the air with vigor, all whilst harmonizing with any adjoining areas with different audio requirements. These reliable solutions can go night after night without relenting, just like party animals.

Mugello-KH5

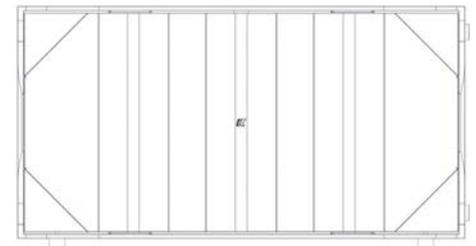
Digital acoustic steering, powered
line array element



121.8 x 52.0 x 21.0 cm (47.95" x 20.47" x 8.26")
61.0 kg (134.48 lb)

Mugello-KS5

Large format, self-powered
subwoofer element



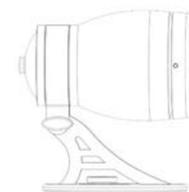
116.2 x 59.0 x 85.0 cm (45.74" x 23.22" x 33.46")
104.4 kg (230.16 lb)



Event Productions

With a sleek design and a discreet form, K-array's portable systems integrate seamlessly into audio designs for the most prestigious gala dinners, wedding receptions, high-end fashion shows and corporate events. Lightweight and easy to setup and dismantle, our high-tech, powered audio solutions are easily adaptable for all temporary installations including outdoor setups with durable weatherproof features.

Tornado-KT2
2" point source
compact speaker



Option of Luxury Exhibit
Milan, Italy

7.4 x 12.1 x 11.7 cm (2.93" x 4.76" x 4.62")
0.6 kg (1.23 lb)

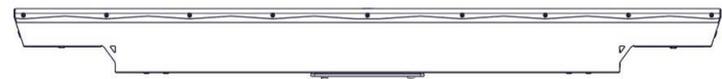




Retail

From small boutiques to large shopping centers, the best in retail architecture and interior design includes an enjoyable, stress-free environment to promote sales and provide a positive shopping experience for the consumer. K-array's discreet loudspeakers made with premium finishes are the ideal design element to create this ambiance with a wide range of high-performing point sources in a variety of sizes and audio output.

Kobra-KK102I
Ultra-slim, high-power
line array element



Playground Clothing Store
Prato, Italy

5.9 x 100.0 x 8.1 cm (2.93" x 39.37" x 3.18")
4.8 kg (10.58 lb)





Transportation Facilities

The most important factor that contributes to the planning, design and construction of land, water and air transportation facilities is convenience for the traveler. Whether a train station, public bus stop, cruise ship, airport or even a luxury jet, information should be made readily available for the traveler to quickly get where he or she needs to go. That's where our speakers come in. With strategically-placed, powerful sound sources by K-array that provide clear spoken word, travel delays and miss connections will become a thing of the past.

Python-KP52I

Ultra-slim, high-power
line array element



8.8 x 50.0 x 11.8 cm (3.46" x 19.68" x 4.64")
5.8 kg (12.78 lb)

Rumble-KU26

Ultra-thin line array
bass element



35.0 x 18.0 x 11.8 cm (13.77" x 7.08" x 4.64")
5.9 kg (13 lb)

Silja Line Symphony Cruise Ship
Helsinki, Finland

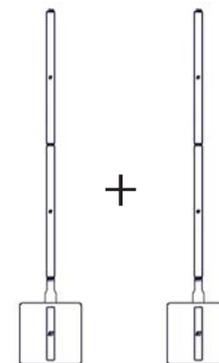


Broadcast and Studios

If there ever was a doubt, broadcast television can still stir up more excitement in more ways than any other medium. And big TV productions or live televised events generate a large viewership who can be unforgiving when it comes to technical difficulties. Which is why it is important to employ high-end audio solutions that perform at a high level. With invisible line arrays that can be used to create a slim PA system as well as a monitor cleverly hidden in plain sight at center stage or flexible, meters-long speakers that can stretch across the length of the stage as front fill or stage monitors, K-array has a range of unique solutions TV studios and filming crews alike can rely upon.

Pinnacle-KR202

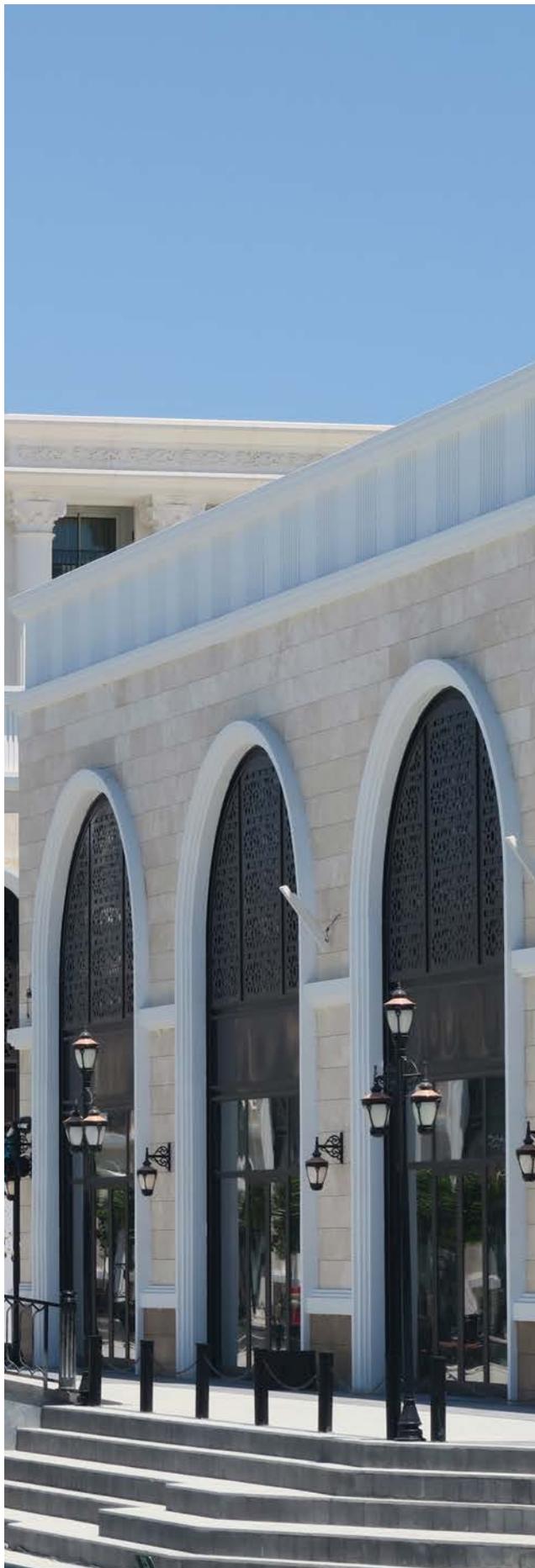
High-tech, ultra-light
powered stereo system



Sanremo Music Festival TV Broadcast
Sanremo, Italy

46.5 x 269.2 x 59.6 cm (18.3" x 105.98" x 23.46")
36,8 kg (81.13 lb) per side





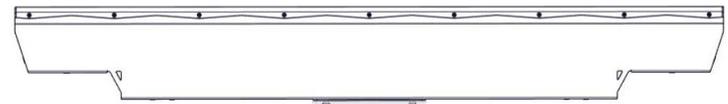
Land of Legends Theme Park
Serik/Antalya, Turkey

Theme Parks

From thrill seekers and adrenaline junkies to fun-loving families and adventurous friends, attendees from all walks of life enjoy the pure entertainment at amusement parks. To enhance their experience and liven the atmosphere, K-array has waterproof speakers for aquatic parks and durable, weatherproof point sources for roller coaster rides and fairs. Made with premium materials, our solutions can withstand the wear and tear of outdoor exposure day in and day out, rendering K-array one of the most reliable brands on the market.

Python-KP102I

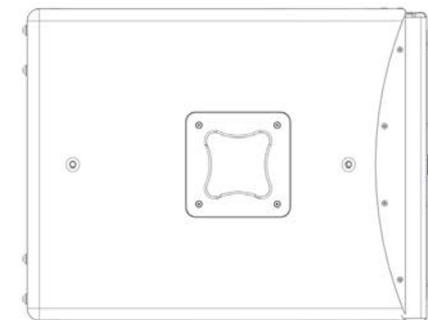
Ultra-slim, high-power
line array element



8.8 x 100.0 x 11.8 cm (3.46" x 39.37" x 4.64")
5.8 kg (26.45 lb)

Thunder-KMT18I

Ultra-slim, high-power
line array element



46.5 x 46.5 x 59.6 cm (18.3" x 18.3" x 23.46")
27.6 kg (60.84 lb)





Puradies Chalet Village
Leogang, Austria

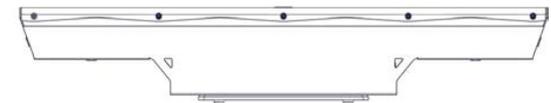
Hotels and Resorts

A home away from home, hotels have the difficult task of making guests feel as happy, calm and comfortable as in one's own house. Relaxing music flowing softly through the lobby or lively beats pumping in the hotel lounge are K-array's proven ways to help hotels put the guests at ease.

High intelligibility for maximum results and sleek design with premium materials and customizable finishes to integrate easily into the interior design makes our speakers favorites among large chains and boutique hotels alike.

Kobra-K52I

Ultra-slim, high-power
line array element



5.9 x 50.0 x 8.1 cm (2.93" x 19.68" x 3.18")
.3 kg (5.07 lb)

Rumble-KU210

Ultra-thin line array
bass element



50.0 x 28.2 x 15.0 cm (19.68" x 11.1" x 5.9")
11.0 kg (24.25 lb)



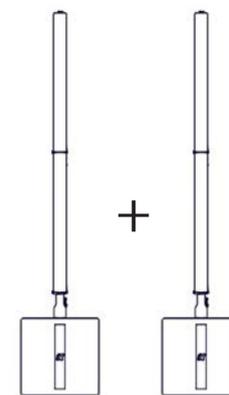


Cafes, Bistros and Restaurants

Wine glasses clinking, the clatter of stacked plates, the murmur of diners and hearty laughs are all sounds the background music in an eatery must compete with to provide a pleasant ambiance. But with K-array's highly intelligible speakers that blend in seamlessly into the décor, diners are treated to clear acoustics for easy listening that drown out the disturbances and enhance their dining experience.

Pinnacle-KR402

High-tech, ultra-light
powered stereo system



Zoe Live Bar
Geneva, Switzerland

55.5 x 275.1 x 76.3 cm (21.85" x 108,3" x 30.03")
73.0 kg (160.9 lb) per side

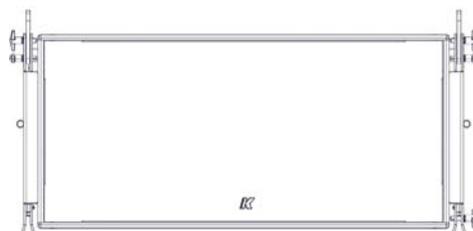


Touring, Music Festivals, Concerts and Live Events

Zealous fans, demanding performers, inadequate venues, setup and takedown time constraints are all important factors that must be taken into consideration for live performance applications. Which is why K-array designed incredibly compact line arrays to combat these potential production nightmares. The slim design allows sound to exit instantaneously without resonance resulting in a better impulse response and maximum clarity and definition and pleasing everyone in the audience. Producing a sound dispersion in a hyper-cardioid figure maintains the desired directivity with minimal back emission, keeping the stage clear of sound pollution and simultaneously keeping the performers happy. K-array's lightweight concert solutions saves space along with transportation costs benefiting installation crews and event organizers alike.

Mugello-KH5

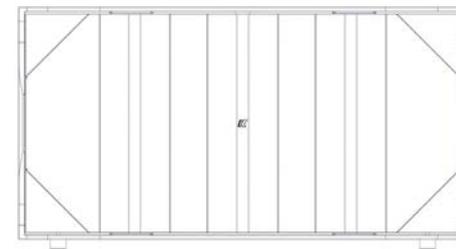
Digital acoustic steering, powered
line array element



121.8 x 52.0 x 21.0 cm (47.95" x 20.47" x 8.26")
61.0 kg (134.48 lb)

Mugello-KS5

Large format, self-powered
subwoofer element

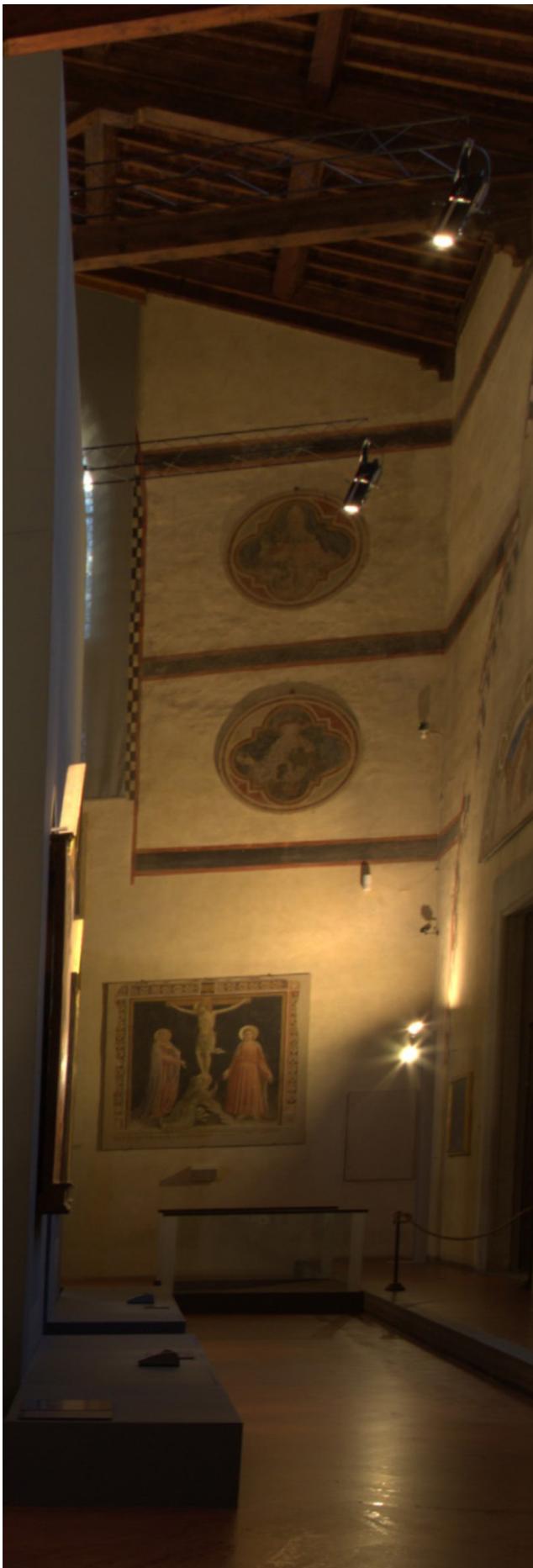


116.2 x 59.0 x 85.0 cm (45.74" x 23.22" x 33.46")
104.4 kg (230.16 lb)

NY CityFest with Luis Palau in Central Park
New York City, USA







Santa Croce Museum
Florence, Italy

Museums

The senses of perception in a museum or gallery are responsible for connecting the audience with the display. The auditory senses must encourage discovery and learning without distracting from the visual experience. With an exceptional size-to-output ratio and ability to cover wide horizontal and relatively narrow vertical patterns, K-array's installed sound speakers are exceedingly suitable for these applications. Their slender and customizable physical characteristics render them perfect for any exhibit or other events the venue may host.

Kobra-KK102I

Ultra-slim, high-power
line array element



5.9 x 100.0 x 8.1 cm (2.93" x 39.37" x 3.18")
4.8 kg (10.58 lb)



Product Collection

With an extensive portfolio of product lines providing ultra-compact speaker solutions for medium to large-scale applications, including touring, events, installed sound and broadcast, K-array is exceeding industry demands for speakers that are heard but not seen.



Installed Sound

A wide range of sound systems for commercial, institutional and public venues

p.52



Portable Systems

Ultra-light high tech, powered speaker systems that are fast to setup and dismantle.

p.154

Concert Series

Lightweight and compact line array systems for festivals, touring and large stages.

p.180







Installed Sound

K-array's Installed Sound series is a collection of the most aesthetically-refined and quality loudspeakers in the professional audio industry.

Operating in the heart of Tuscany where architecture has had a profound effect on Italian culture, K-array believes that while sound makes an experience, it should remain invisible and not affect the aesthetics of a venue. Requiring creative manipulation and coordination of materials and technology, the Installed Sound loudspeakers are designed with a sleek form so that they are easily integrated into the layout of an environment.

Our loudspeakers also boast the most durable and resistant materials to offer the most reliable solutions on the market. Weatherproof speaker systems made of aluminum and steel make up the frame of all products within the

Installed Sound series.

These premium products are also created with high quality luxury finishes made of precious materials, like 24K gold.

Additionally, there are an array of colors and finishes that assist in incorporating the products into various projects. Sleek black and an elegant white Amake a subtle statement while using a RAL color code to perfectly match the venue is available as customization. Also, brushed or polished stainless steel finishes can be selected which give the product a chameleon-like ability to reflect surrounding surfaces and blend in with the background.

Quality sound available in a variety of distinctive finishes blends beauty with exceptional performance.

Vicari Palace, (1306)
Scarperia, Mugello, Italy





Lyzard p.58

Ultra-miniature line array element

Lyzard-KZ12



Piccolo p.64

Ultra-miniature speakers
in a home stereo sound system



Vyper p.70

Ultra-flat line array element

Vyper-KV52



Kobra p.88

Stainless steel line array element

Kobra-KK52I

Kobra-KK102I



Python p.94

Stainless steel line array element

Python-KP52I

Python-KP102I



Kayman p.100

Stainless steel line array element

Kayman-KY102



Tornado p.76

2" audio speaker
carved from aluminum

Tornado-KT2

Tornado-KT2C Ceiling



2" point source audio speaker
with integrated RGB LEDs

Tornado-KTL2

Tornado-KTL2C Ceiling



Dragon p.82

Ultra-slim 12" passive coaxial
array element

Dragon-KX12



Domino p.106

Ultra-compact full-range
passive speaker

Domino-KF26



Ultra-compact full-range
passive speaker

Domino-KF210



Ultra-compact full-range
passive speaker

Domino-KF212



Installed Sound

Thunder p.114

Ultra-light, high-power 12" subwoofer

Thunder-KMT12I Self-powered

Thunder-KMT12P Passive



Ultra-light, high-power 18" subwoofer

Thunder-KMT18I Self-powered

Thunder-KMT18P Passive



Ultra-light, high-power 21" subwoofer

Thunder-KMT21I Self-powered

Thunder-KMT21P Passive



Rumble p.132

Ultra-thin line array bass element

Rumble-KU44



Ultra-thin, high-power passive subwoofer

Rumble-KU26



Ultra-thin, high-power passive subwoofer

Rumble-KU210



Ultra-light 2x18" subwoofer

Thunder-KMT218 Self-powered

Thunder-KMT218P Passive



Anakonda p.126

Flexible array element speaker

Anakonda-KAN200 (64 Ω)

Anakonda-KAN200+ (32 Ω)

Anakonda-KAN200+8 (8 Ω)



Installed Sound

Ultra-thin, high-power passive subwoofer

Rumble-KU212



Turtle p.140

Low-profile variable coverage speaker

Turtle-KRM33 Self-powered

Turtle-KRM33P Passive



Kommander p.146

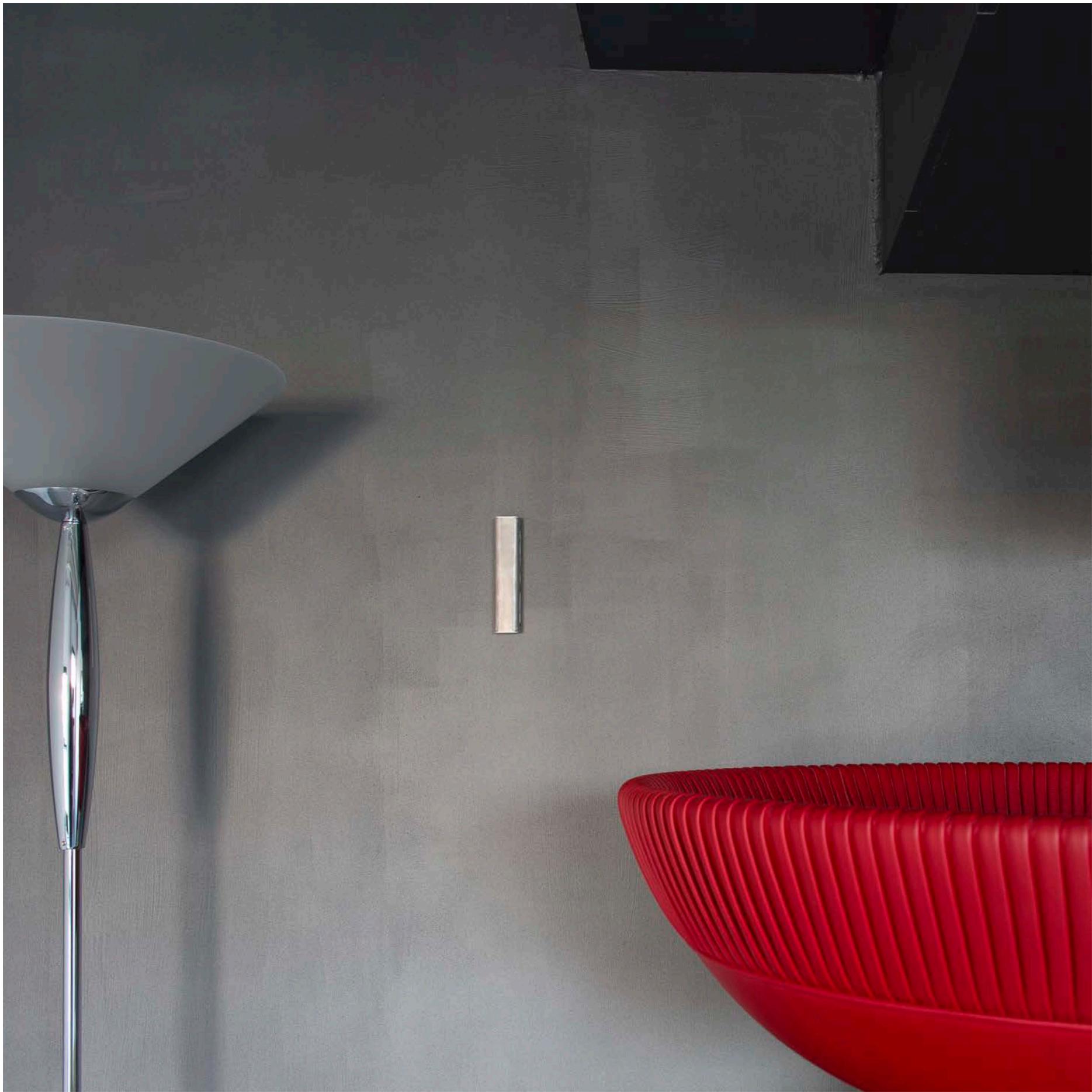
All-in-one amplifier and processing solution

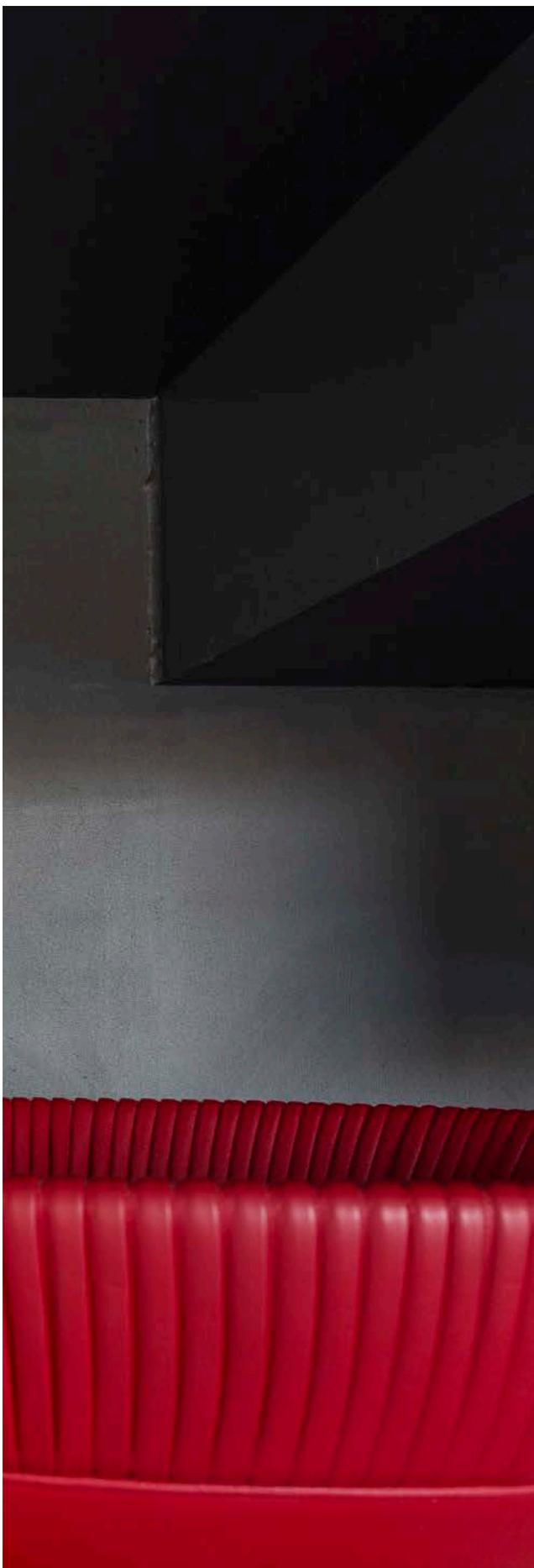
Kommander-KA14 1000w

Kommander-KA24 2000w

Kommander-KA84 8000w







K-array HQ
San Piero a Sieve, Mugello, Italy

Speakers

Lyzard

Ultra-miniature line array element



Lyzard-KZ12

2.1 x 10.0 x 1.2 cm (0.83"x 3.93"x 0.47")
0.05 kg (0.10 lb)

Installed Sound Lyzard

Lyzard

Ultra-miniature line array element

K-array's Lyzard line shares some of the same characteristics with its animal namesake. With a miniature form for easy hiding, the Lyzard loudspeaker is a remarkable ultra-micro line array designed for discreet use in a variety of intimate environments such as restaurants, bars and museums.

The durable and resistant aluminum enclosure contains a line array of full-range drivers housed in a sleek case. The high efficiency driver units have neodymium magnet structures and suspensions engineered for maximum linear excursion and minimum residual transducer noise. The system delivers

long throw and coherent coverage with crystal clear audio making it ideal for use in space-constrained situations.

And like some lizards that can change colors for better camouflaging, the Lyzard is offered in sleek black and an elegant white or a customized brushed or polished stainless steel finishes give the products a chameleon-like ability to reflect surrounding surfaces and blend in with the background. The most luxurious finish is our 24K gold-plated aluminum - ideal for prestigious design projects and upscale applications.

Pure Array Technology (PAT)

Composed of closely-spaced, full-range sound sources, our line array elements feature Pure Array Technology. With no crossover and no reflex, a perfect phase response is achieved in both the near and far fields, making these

columns the perfect solution to cover long distances uniformly. The narrow vertical coverage minimizes the sound spill towards the ceiling and the floor, thus increasing the intelligibility in highly reverberant environments.

COLORS & PREMIUM FINISHES AVAILABLE



Black



White



Custom



Gold



Polished



Brushed





Lyzard-KZ12

Ultra-miniature line array element



ACOUSTICS	
Power handling	8 W (AES)
Impedance	16Ω
Frequency range	350 Hz - 18 KHz +/- 3dB
Maximum SPL	95 dB continuous - 102 dB peak
COVERAGE	
Horizontal	140°
Vertical	20°
CROSSOVER	
Type	External Crossover required
Frequency	250Hz 24dB/oct suggested minimum
TRANSDUCERS	
Full-range	4 x 0.5" Neodymium speakers with 0.5" voice coil
POWER AUDIO INPUTS	
Connectors	IN+ IN- (to be soldered or screwed)
RECOMMENDED AMPLIFIERS	
	KA14, KA24 for up to 4 units each channel
PHYSICAL OVERVIEW	
Dimensions	2.1 x 10.0 x 1.2 cm (0.83"x 3.93"x 0.47")
Weight	45.5 g (0.10 lb)
<small>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</small>	

FEATURES



Visually Discreet



Weather Resistant



Lightweight & Compact



Pure Array Technology (PAT)

FREQUENT APPLICATIONS

MUSEUMS

HOTELS

THEME PARKS

BROADCAST & STUDIOS

RETAIL

CAFES, BISTROS & RESTAURANTS

AUDITORIUM, EDUCATION & GOVERNMENT

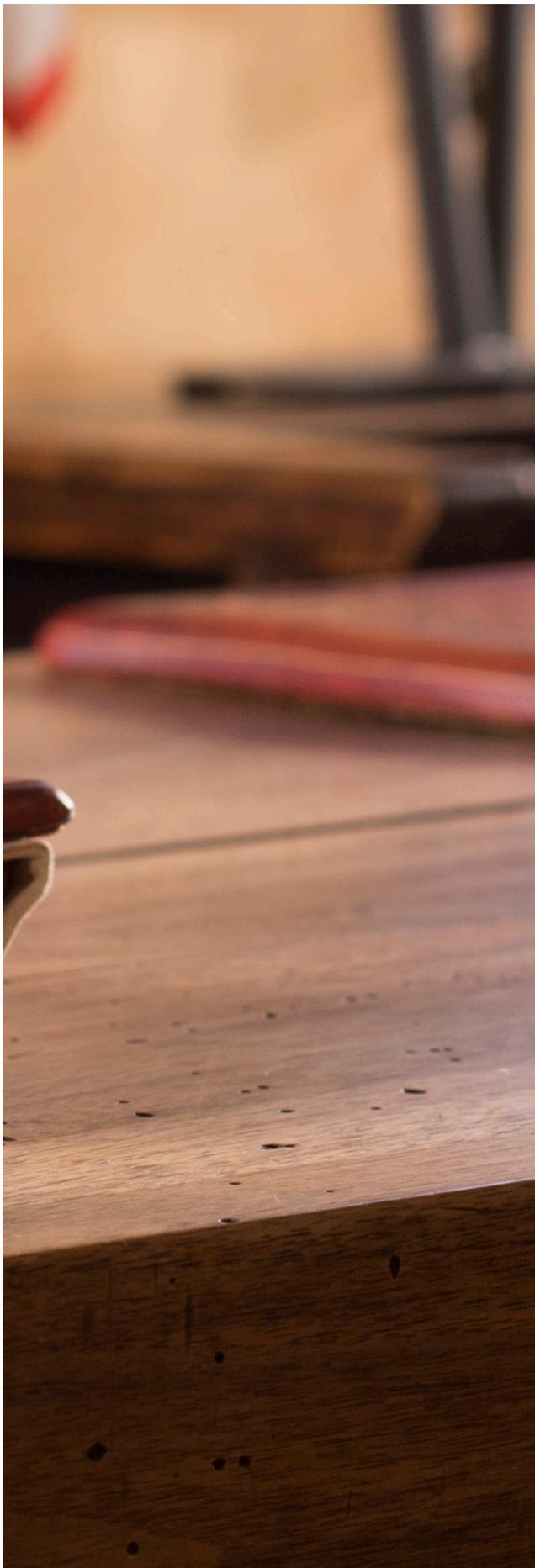
HOUSES OF WORSHIP



Forsthofalm Hotel
Salzburg, Austria



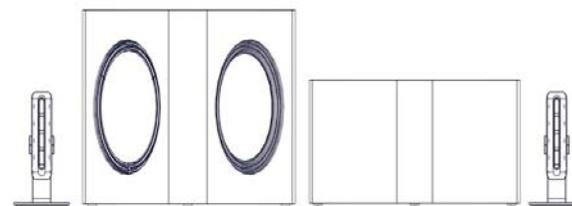




Systems

Piccolo

High-performing 2.1 audio system
in an exclusive design



PICCOLO

9.2 x 2.1 x 1.6 cm (3.62" x 0.82" x 0.62") mid-high
13 x 22.5 x 20.2 cm (5.11" x 8.85" x 7.95") subwoofer
20.5 x 22.5 x 20.2 cm (8.07" x 8.85" x 7.95") amplifier

0.05 kg (0.11 lb) mid-high
4.6 kg (10.14 lb) subwoofer
3.3 kg (7.27 lb) amplifier

Installed Sound Piccolo



Vicari Palace (1306)
Scarperia, Mugello, Italy





Piccolo

High-performing 2.1 audio system
in an exclusive design

Concentrating on the miniature form of the two mid-high speakers to render them easily hidden in almost any situation, the Piccolo audio system, meaning “small” in Italian, has been designed to satisfy those who require a high-quality sound with an almost invisible system.

The result is an extremely essential design disguising an impressive output power all over the audio frequency spectrum, with an uncompromising full punch in the lowest end and a crystal-clear definition in the highest.

The Piccolo can certainly be considered the most discreet and powerful home sound system on the market.

COLORS & PREMIUM FINISHES AVAILABLE



Black



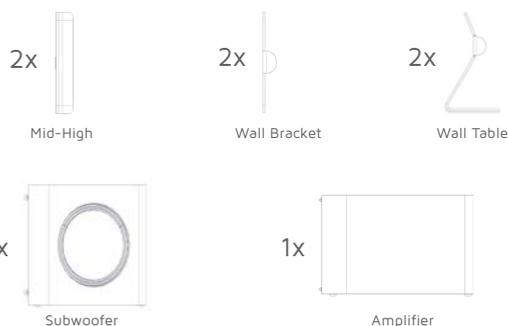
Piccolo

High-performing 2.1 audio system in an exclusive design



ACOUSTICS	
Frequency range	150 Hz - 20 KHz.
Maximum SPL	118 dB continuous - 124 dB peak
AMPLIFIERS	
Type	2 x class D - DSP controlled
Power to mid-high	50 W x 2 (100 W total)
Power to subwoofer	110 W
Protection	Dynamic limiter, over current, over temp, short circuits
TRANSDUCERS	
Mid-high (each)	4 x 0.5" Neodymium cone driver with 0.5" voice coil
Subwoofer	1 x 6" Neodymium magnet with double 1.5" voice coil 1 x 6" passive radiator
AC POWER	
Operating range	85 - 132 Vac 50 Hz (Auto-switching) 170 - 264 Vac 60 Hz (Auto-switching)
I nominal	2 A / 115 Vac - 1 A / 230 Vac
Peak power	2 x 220 W / 120 ms max
Max power consumption	150 W
SELECTION SWITCHES	
Vertical pattern	Spot - Flood
Impedance	4Ω - 16Ω
PHYSICAL OVERVIEW	
	9.2 x 2.1 x 1.6 cm (3.62" x 0.82" x 0.62 ") mid-high
Dimensions	13 x 22.5 x 20.2 cm (5.11" x 8.85" x 7.95 ") subwoofer
	20.5 x 22.5 x 20.2 cm (8.07" x 8.85" x 7.95 ") amplifier
	0.05 Kg (0.11 lb) mid-high
Weight	4.6 Kg (10.14 lb) subwoofer
	3.3 Kg (7.27 lb) amplifier
	<small>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</small>

SYSTEM COMPONENTS



FEATURES



Visually Discreet



Pure Array Technology (PAT)

FREQUENT APPLICATIONS

MUSEUMS

CAFES, BISTROS & RESTAURANTS

HOTELS

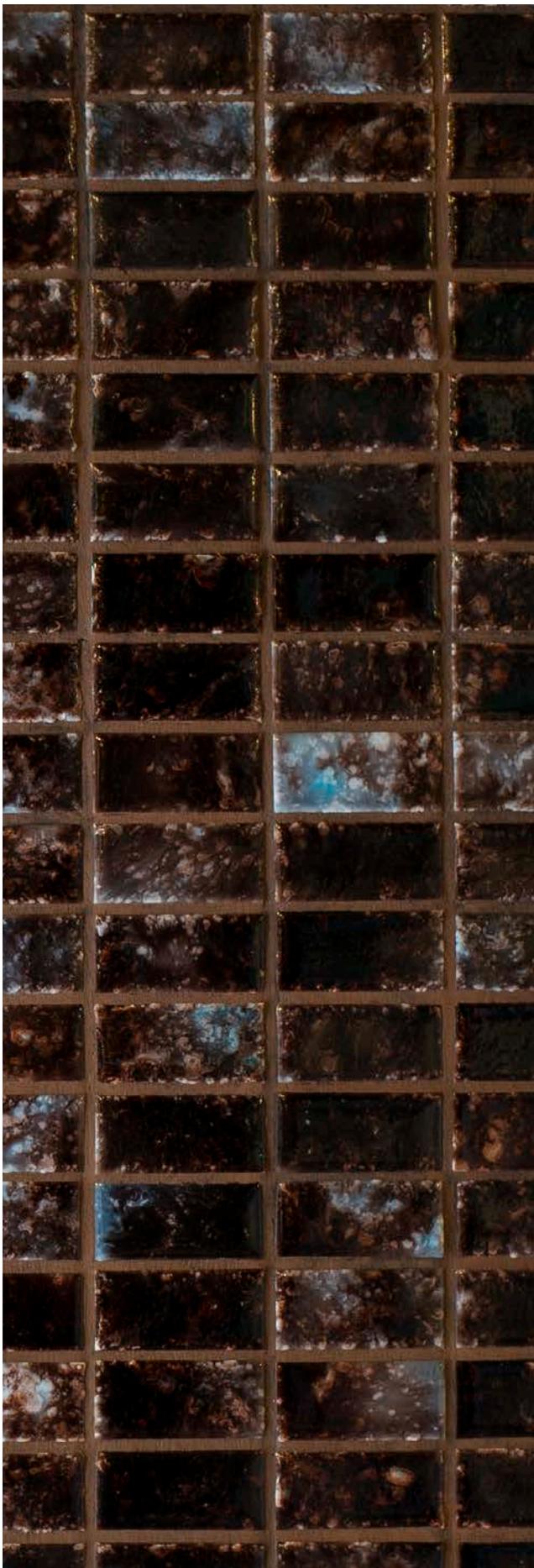
THEME PARKS

RETAIL



Installed Sound Piccolo





Speakers

Vyper

Ultra-flat line array element



Vyper-KV52

3.9 x 50.0 x 2.1 cm (1.55" x 19.70" x 0.84")
0.6 kg (1.32 lb)

Installed Sound Vyper



Pecchioli Ceramics
Borgo San Lorenzo, Mugello, Italy



Vyper

Ultra-flat line array element

The Vyper is an ultra-flat passive speaker system housed in an elegant yet strong aluminum chassis.

The eight closely-spaced cone drivers provide true line array characteristics: phase coherence, low distortion and focused listening in both the near field and at a distance from the speaker. A steel bracket accessory provides an option to wall-mount for permanent installations.

For easier use and integration with other speakers or amplifiers, the Vyper allows the user to select two different values of impedance. The Vyper is able

to reproduce the whole vocal frequency range with high intelligibility, starting from 150 Hz. Integrating one of the subwoofers from the K-array Rumble family, powered by a K-array amplifier set with specific presets optimized for the Vyper assures excellent coverage of the entire musical frequency range.

All Vyper components are made with premium materials in the finest finishes, such as polished, brushed and 24K gold plated aluminum, and demonstrate exceptional performance in a variety of distinct finishes combining beauty and design.

Pure Array Technology (PAT)

Composed of closely-spaced, full-range sound sources, our line array elements feature Pure Array Technology. With no crossover and no reflex, a perfect phase response is achieved in both the near and far fields, making these

columns the perfect solution to cover long distances uniformly. The narrow vertical coverage minimizes the sound spill towards the ceiling and the floor, thus increasing the intelligibility in highly reverberant environments.

COLORS & PREMIUM FINISHES AVAILABLE



Black



White



Custom



Gold



Polished



Brushed



Vyper-KV52

Ultra-flat line array element



ACOUSTICS	
Power handling	150 W ^(AES)
Impedance	16 Ω / 64 Ω (selectable)
Frequency range	150 Hz – 20 KHz (- 10dB) 200 Hz – 18 kHz (- 3dB)
Maximum SPL	108 dB continuous - 114 dB peak
COVERAGE	
Horizontal	110°
Vertical	10°
CROSSOVER	
Type	External Crossover required
Frequency	150 Hz, 24 dB/oct suggested minimum
TRANSDUCERS	
Full-range	8 x 1" Neodymium magnet with 0.75" voice coil
Impedance	16 Ω – 64 Ω
PHYSICAL OVERVIEW	
Dimensions	3.9 x 10.0 x 2.1 cm (1.55"x 19.70"x 0.84")
Weight	0.6 Kg (1.32 lb)
<small>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</small>	

SUGGESTED ACCESSORIES

K-CLAMP

K-WALL

K-WALL2

K-V5WALL

K-KCLAMP/S

FEATURES



Visually Discreet



Weather Resistant



Lightweight & Compact



Electronically Protected



Selectable Impedance



Pure Array Technology (PAT)

FREQUENT APPLICATIONS

THEME PARKS

AUDITORIUMS, EDUCATION & GOVERNMENT

HOUSES OF WORSHIP

CAFES, BISTROS & RESTAURANTS

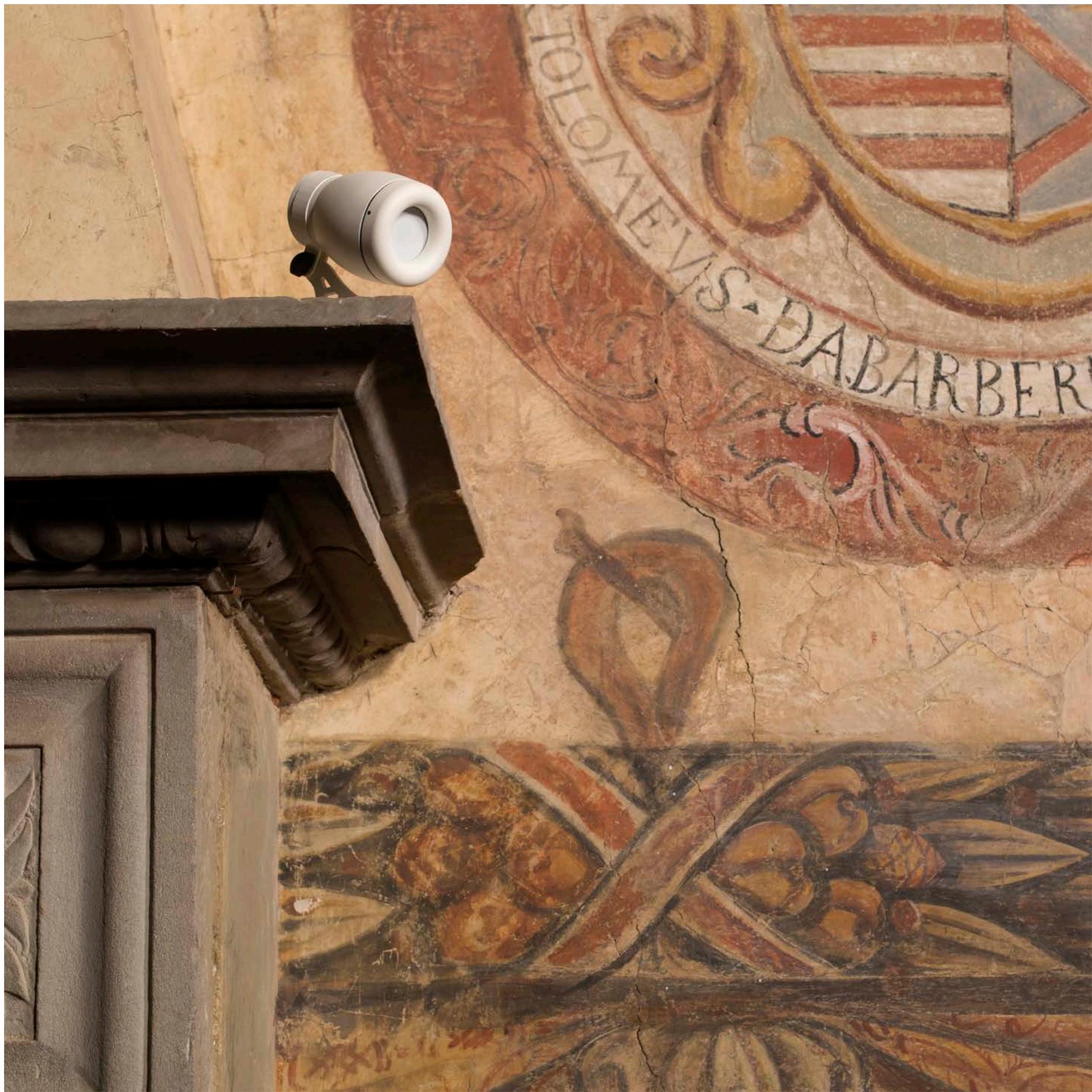
BROADCAST & STUDIOS

RETAIL

TRANSPORTATION FACILITIES

HOTELS





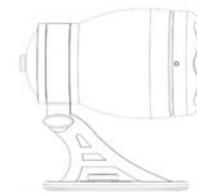


Vicari Palace (1306)
Scarperia, Mugello, Italy

Speakers

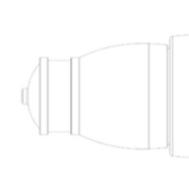
Tornado

2" point source, compact speaker



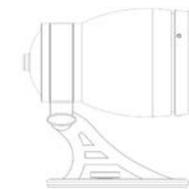
Tornado-KT2

7.4 x 12.1 x 11.7 cm (2.93" x 4.76" x 4.62")
0.6 kg (1.23 lb)



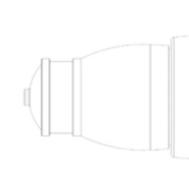
Tornado-KT2C

12.5 x 12.5 x 11.9 cm (4.92" x 4.92" x 4.68")
0.6 kg (1.23 lb)



Tornado-KTL2

7.4 x 12.1 x 11.7 cm (2.93" x 4.76" x 4.62")
0.6 kg (1.23 lb)



Tornado-KTL2C

12.5 x 12.5 x 11.9 cm (4.92" x 4.92" x 4.68")
0.6 kg (1.23 lb)

Installed Sound Tornado

Tornado

2" point source multipurpose loudspeaker

The Tornado series is a compact sound source designed for high-quality distributed systems. Housed in a compact aluminum enclosure, the Tornado is suitable for space-sensitive and architectural design installations.

The Tornado point source is a turnkey solution designed as passive speakers that can be easily converted into self-powered devices by inserting the Tornado-specific amplifier module. With its ability to effortlessly reproduce both speech and music, it makes an excellent choice for fixed

applications such as theaters, museum displays, restaurants, corporate AV presentations, department stores.

The KT2 models come with a wall bracket for fixed installations or surface applications while the KT2C comes with a ceiling bracket for ceiling insets. In addition to the standard features of the Tornado, the KTL2 and KTL2C models have 6 integrated RGB LEDs that can be controlled with a wide range of K-array accessories via DMX or by remote control.

COLORS & PREMIUM FINISHES AVAILABLE



Black

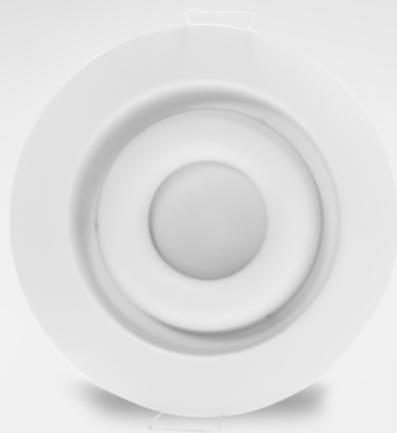


White



Custom





Tornado-KT2W



Tornado-KT2C

Tornado-KT2 | KT2C

2" audio speakers carved from aluminum

ACOUSTICS	
Power handling	18 W ^(AES)
Impedance	8Ω - 32Ω (settable) 70V version available upon request (KT2-HV)
Frequency range	150 - 18 kHz
Maximum SPL	101 dB (cont.) - 107 dB (peak)
COVERAGE	
Horizontal	90°
Vertical	90°
CROSSOVER	
Type	External Crossover required
Frequency	150Hz 24dB/Oct minimum required
TRANSDUCERS	
Full-range	2" Neodymium magnet Woofer with 2 voice coils of 0.8"
Impedance	2 x 16 Ω
POWER AUDIO INPUT	
Connectors	4-pin Phoenix connector
Wiring	VoiceCoil A=1+ 1- VoiceCoil B=2+ 2-
CERTIFICATION	
IP	54
PHYSICAL OVERVIEW	
Dimensions	7.4 x 12.1 x 11.7 cm (2.93"x 4.76"x 4.62") KT2 12,5 x 12,5 x 11,9 cm (4.92"x 4.92"x 4.68") KT2C
Weight	0.6 Kg (1.32 lb)
<small>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</small>	

SUGGESTED ACCESSORIES

KA1-T2H

K-RGBREM

K-RGBDMX

K-AL75

K-AL120

K-AL240

FEATURES



Visually Discreet



Weather Resistant



Lightweight & Compact



Electronically Protected



Selectable Impedance

FREQUENT APPLICATIONS

CAFES, BISTROS & RESTAURANTS

HOTELS

RETAIL

THEME PARKS

TRANSPORTATION FACILITIES

MUSEUMS

AUDITORIUMS, EDUCATION & GOVERNMENT

BROADCAST & STUDIOS

Tornado-KTL2 | KTL2C

2" audio speakers carved from aluminum



Tornado-KTL2W



Tornado-KTL2C

ACOUSTICS	
Power handling	18 W (AES)
Impedance	8Ω - 32Ω (settable) 70V version available upon request (KT2L-HV)
Frequency range	150 - 18 kHz
Maximum SPL	101 dB (cont.) - 107 dB (peak)
COVERAGE	
Horizontal	90°
Vertical	90°
CROSSOVER	
Type	External Crossover required
Frequency	150Hz 24dB/Oct minimum required
TRANSDUCERS	
Full-range	2" Neodymium magnet Woofer with 2 voice coils of 0.8"
Impedance	2 x 16 Ω
POWER AUDIO INPUT	
Connectors	4-pin Phoenix connector
Wiring	VoiceCoil A=1+ 1- VoiceCoil B=2+ 2-
LED CONNECTIONS	
Connectors	4-pin Phoenix connector
Wiring	R=1+ ; G=1- ; B= 2+ ; V=2-
CERTIFICATION	
IP	54
PHYSICAL OVERVIEW	
Dimensions	7.4 x 12.1 x 11.7 cm (2.93"x 4.76"x 4.62") KTL2 12,5 x 12,5 x 11,9 cm (4.92"x 4.92"x 4.68") KT2LC
Weight	0.6 Kg (1.32 lb)
<small>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</small>	

Installed Sound Tornado

SUGGESTED ACCESSORIES

KA1-T2H

K-RGBREM

K-RGBDMX

K-AL75

K-AL120

K-AL240

FEATURES



Visually Discreet



Weather Resistant



Lightweight & Compact



Electronically Protected



Selectable Impedance

FREQUENT APPLICATIONS

CAFES, BISTROS & RESTAURANTS

HOTELS

RETAIL

THEME PARKS

TRANSPORTATION FACILITIES

MUSEUMS

NIGHTCLUBS

FITNESS & WELLNESS



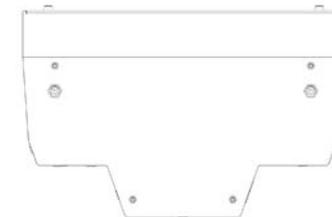


Vicari Palace (1306)
Scarperia, Mugello, Italy

Speakers

Dragon

12" coaxial passive point
source or line array element



Dragon-KX12

34.0 x 32.0 x 20.0cm (13.38" x 12.59" x 7.87")
12.2 kg (26.89)

Installed Sound Dragon



Dragon

12" coaxial passive point
source or line array element

Designed to be consistently unique like all K-array products, the Dragon is a radical reinterpretation of a traditional coaxial 12" speaker. With its compact shape and different accessories, the Dragon breathes fire in your face!

When high pressure is needed in the foreground with a rapid depreciation once distanced from the source, the Dragon is a powerful point source that can meet this demand to become one of the most useful tools for an installer.

An asymmetric 100° by 30° horn with an adjustable orientation gives to the speaker an added value providing two modes of coverage to choose from to meet the needs of different installations. Additionally, dedicated accessories assist in the setup of joining, flying and stacking the speaker, making it a perfect line array component.

Its steel chassis offers maximum rigidity in a minimum size and is compatible with all K-array Thunder subwoofers.

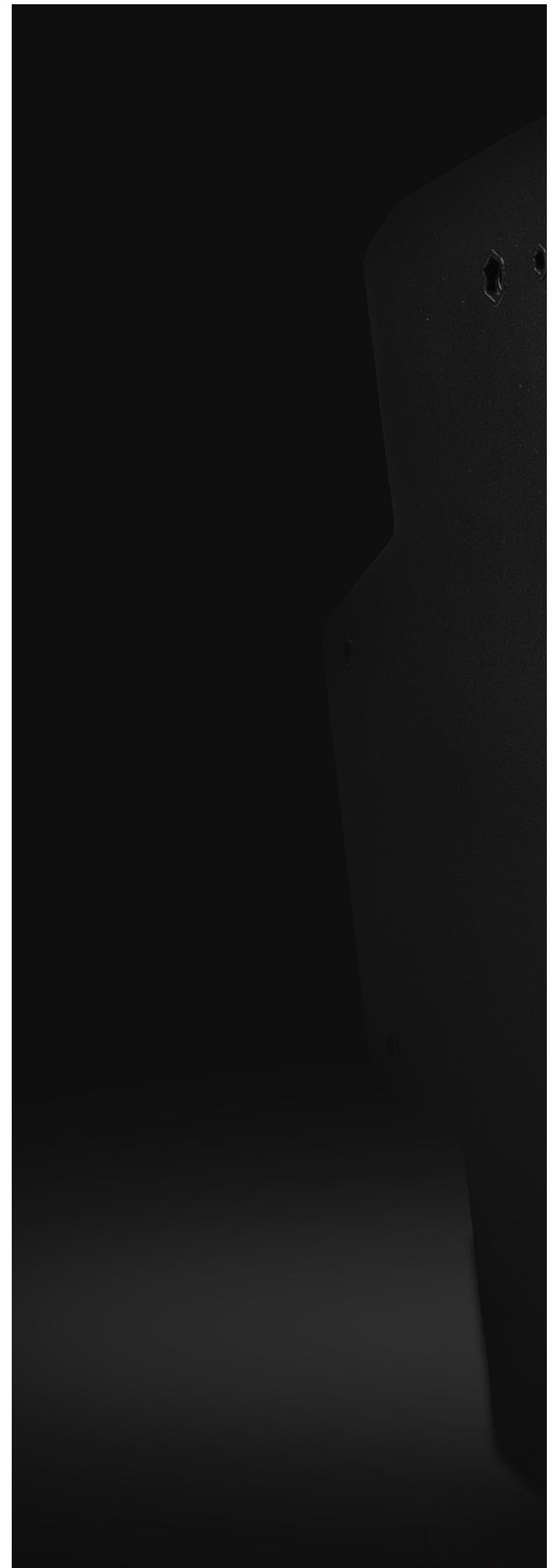
COLORS & PREMIUM FINISHES AVAILABLE

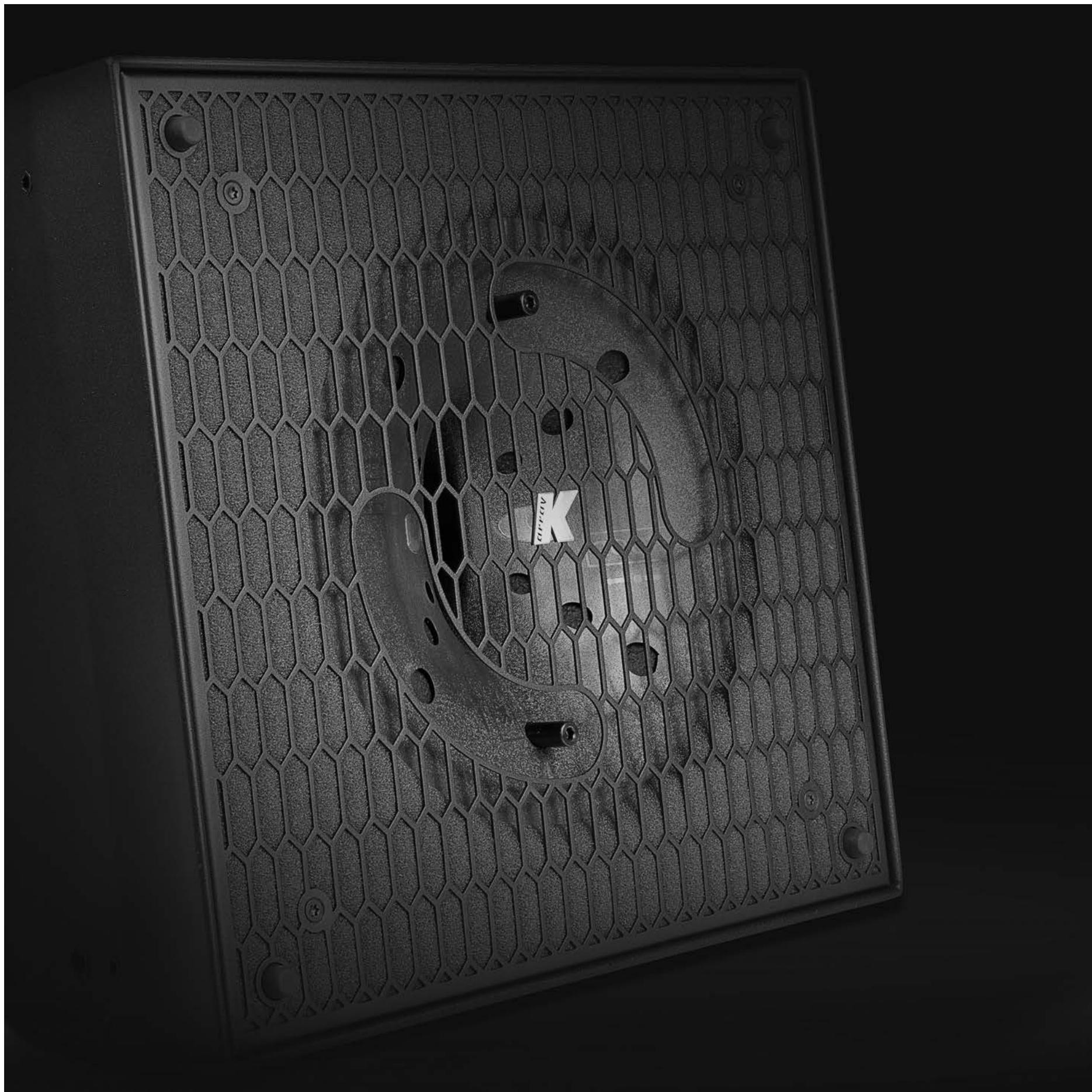


Black



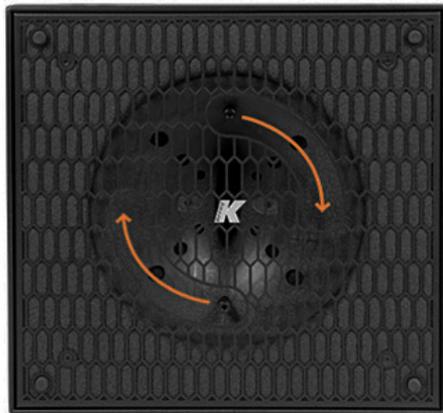
Custom





Dragon-KX12

12" coaxial passive point source or line array element



Asymmetrical horn with 100° by 30° adjustable orientation



*K-Joint2B not included

ACOUSTICS	
Power handling	800 + 200 W
Impedance	8 Ω
Frequency range	120 Hz - 19 KHz
Maximum SPL	127 dB continuous - 133 dB peak
COVERAGE	
Horizontal	100°/30° (depending on horn orientation)
Vertical	30°/100° (depending on horn orientation)
CROSSOVER	
Coaxial	External Crossover required
Frequency	High pass @ 120 Hz, 24 dB/oct suggested minimum
TRANSDUCERS	
Full-range	12" Neodymium magnet woofer with 3" voice coil Neodymium magnet compression driver with 2" voice coil
POWER AUDIO INPUT	
Connectors	2 x 4-pin Speakon
Wiring	1+ 1- (Signal IN & LINK) 2+ 2- (Through)
RECOMMENDED AMPLIFIERS	
Type	KMT18, KMT21, KMT218, KA84
PHYSICAL OVERVIEW	
Dimensions	34.0 x 32.0 x 20.0 cm (13.38"x 12.59"x 7.87")
Weight	12.2 Kg (26.89 lb)
<small>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</small>	

SUGGESTED ACCESSORIES

KA1-T2H

K-RGBREM

K-JOINT2B

K-FLY22

K-FLY2B

K-KCLAMP/S

FEATURES



Selectable Coverage

FREQUENT APPLICATIONS

NIGHTCLUBS

LARGE CONGREGATIONS

STADIUMS & SPORT VENUES

BROADCAST & STUDIOS

THEME PARKS

TOURING, FESTIVALS, CONCERTS & LIVE EVENTS

TRANSPORT FACILITIES

EVENT PRODUCTIONS



Stal Tops Equestrian Center
Valkenswaard, Netherlands

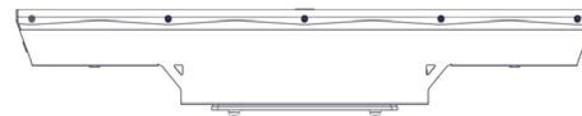




Speakers

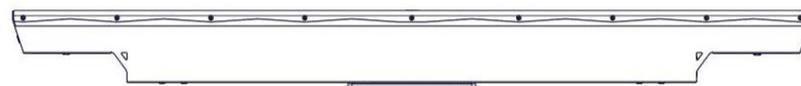
Kobra

Ultra-slim, high-power
line array elements



Kobra-KK52I

5.9 x 50.0 x 8.1 cm (2.93" x 19.68" x 3.18")
2.3 kg (5.07 lb)



Kobra-KK102I

5.9 x 100.0 x 8.1 cm (2.93" x 39.37" x 3.18")
4.8 kg (10.58 lb)

Installed Sound Kobra

Toscanino Tasting Tuscany
Florence, Italy



Kobra

Line array element, variable beam speaker

The Kobra line is a great example of K-array's unique performance-to-size ratio employed in its product design. With two models varying in length (one meter or half-meter), the Kobra is a passive speaker housed in a sleek, durable stainless steel frame that natural quality sound.

Integrating one of K-array's powered subwoofers from the Thunder line configured with specific presets for the Kobra, assures excellent coverage of the entire musical frequency range.

A variety of rigging accessories allows for various linking and hanging setups

in vertical and horizontal line array configurations to satisfy many different venue requirements.

Kobra is available in black or white or customized with the finest finishes, such as polished, brushed and 24K gold plated stainless steel to give them a chameleon-like ability to reflect surrounding surfaces and blend in with the background, rendering the loudspeakers an excellent design element for retail, restaurants, houses of worship and hotels.

Pure Array Technology (PAT)

Composed of closely-spaced, full-range sound sources, our line array elements feature Pure Array Technology. With no crossover and no reflex, a perfect phase response is achieved in both the near and far fields, making these

columns the perfect solution to cover long distances uniformly. The narrow vertical coverage minimizes the sound spill towards the ceiling and the floor, thus increasing the intelligibility in highly reverberant environments.

COLORS & PREMIUM FINISHES AVAILABLE



Black



White



Custom



Gold



Polished



Brushed





Kobra-KK52I

Ultra-slim, high-power half-meter line array element



8/32 Ohm Selectable

SPOT/FLOOD Switch

ACOUSTICS	
Power handling	200 W ^(AES)
Impedance	16Ω or 64Ω (selectable)
Frequency range	150 Hz - 20 KHz.
Maximum SPL	118 dB continuous - 124 dB peak
COVERAGE	
Horizontal	110°
Vertical	10° - 60° (selectable)
CROSSOVER	
Type	External Crossover required
Frequency	High pass @150 Hz, 24 dB/oct suggested minimum
TRANSDUCERS	
Full-range	8 x 2" Neodymium magnet with 0.75" voice coil
POWER AUDIO INPUTS	
Connectors	2 x 4-pin Speakon
Wiring	1+ 1- (signal IN & LINK); 2+ 2- (through)
SELECTION SWITCHES	
Vertical pattern	Spot - Flood
Impedance	16Ω - 64Ω
PHYSICAL OVERVIEW	
Dimensions	5.9 x 50.0 x 8.1 cm (2.93" x 19.68" x 3.18 ")
Weight	2.3 Kg (5.07 lb)
<small>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</small>	

SUGGESTED ACCESSORIES

K-BASE2

K-FLY2

K-FOOT2

K-JOINT2

K-WALL2

K-WALL2L

FEATURES



Visually Discreet



Weather Resistant



Lightweight & Compact



Selectable Coverage



Selectable Impedance



Pure Array Technology (PAT)

FREQUENT APPLICATIONS

AUDITORIUMS, EDUCATION & GOVERNMENT

FITNESS & WELLNESS

THEATERS & CONCERT HALLS

STADIUMS & SPORT VENUES

EVENT PRODUCTIONS

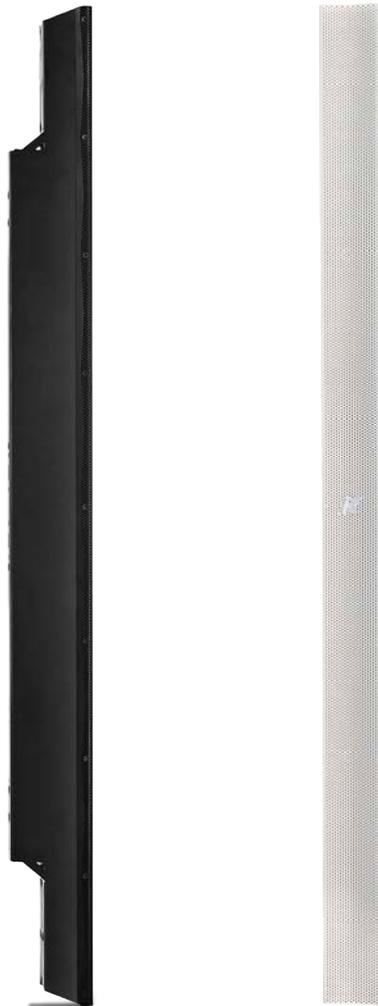
CAFES, BISTROS & RESTAURANTS

BROADCAST & STUDIOS

RETAIL

Kobra-KK102I

Ultra-slim, high-power, one meter line array element



ACOUSTICS	
Power handling	400 W ^(AES)
Impedance	8Ω or 32Ω (selectable)
Frequency range	150 Hz - 20 KHz.
Maximum SPL	124 dB continuous - 130 dB peak
COVERAGE	
Horizontal	110°
Vertical	10° - 35° (selectable)
CROSSOVER	
Type	External Crossover required
Frequency	High pass @150 Hz, 24 dB/oct suggested minimum
TRANSDUCERS	
Full-range	16 x 2" Neodymium magnet with 0.75" voice coil
POWER AUDIO INPUTS	
Connectors	2 x 4-pin Speakon
Wiring	1+ 1- (signal IN & LINK); 2+ 2- (through)
SELECTION SWITCHES	
Vertical pattern	Spot - Flood
Impedance	16Ω - 64Ω
PHYSICAL OVERVIEW	
Dimensions	5.9 x 100.0 x 8.1 cm (2.93" x 39.37" x 3.18 ")
Weight	4.8 Kg (10.58 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>	

Installed Sound Kobra

SUGGESTED ACCESSORIES

K-BASE2

K-FLY2

K-FOOT2

K-JOINT2

K-WALL2

K-WALL2L

FEATURES



Visually Discreet



Weather Resistant



Lightweight & Compact



Selectable Coverage



Selectable Impedance



Pure Array Technology (PAT)

FREQUENT APPLICATIONS

AUDITORIUMS, EDUCATION & GOVERNMENT

FITNESS & WELLNESS

THEATERS & CONCERT HALLS

STADIUMS & SPORT VENUES

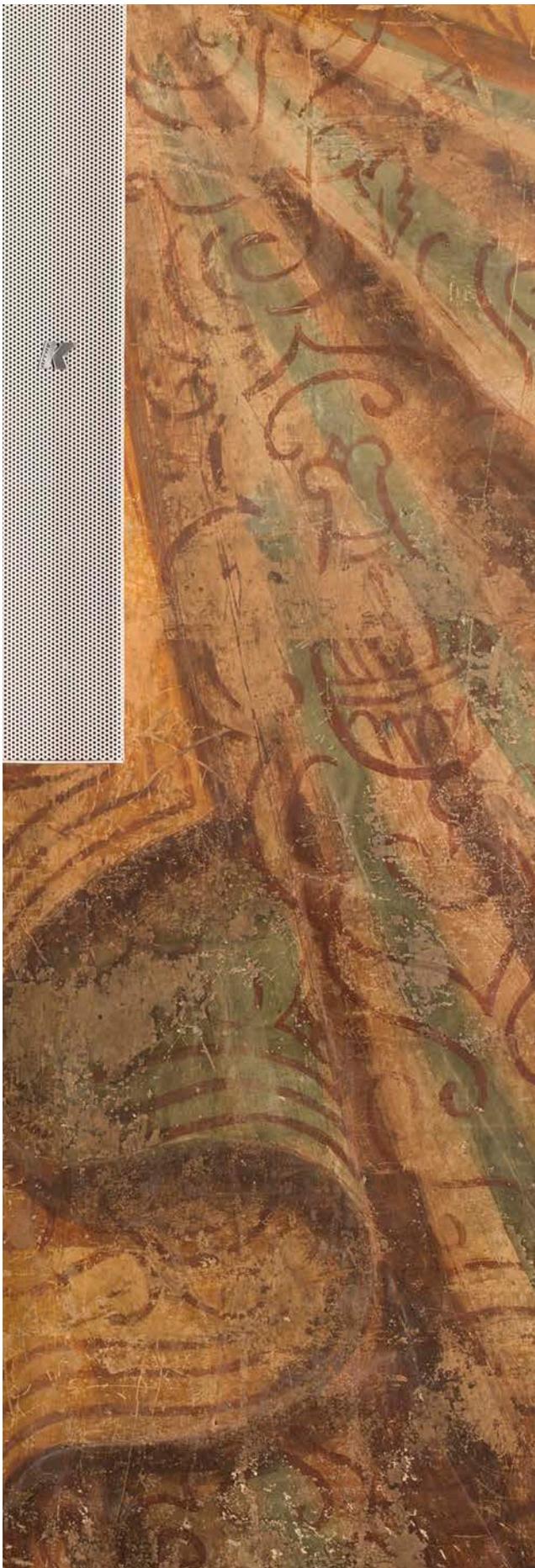
EVENT PRODUCTIONS

CAFES, BISTROS & RESTAURANTS

BROADCAST & STUDIOS

RETAIL





Speakers

Python

Line array element, selectable beam speaker



Python-KP52I

8.9 x 52.0 x 11.8 cm (3.50" x 20.47" x 4.64")
5.8 kg (12.78 lb)



Python-KP102I

8.9 x 100.0 x 11.8 cm (3.50" x 39.37" x 4.64")
12.0 kg (26.45 lb)

Installed Sound Python

Vicari Palace (1306)
Scarperia, Mugello, Italy

Python

Line array element, variable beam speaker

Most python snakes are ambush predators, in that they typically remain motionless in a camouflaged position, and then strike suddenly at passing prey. K-array's family of Python line array elements operate in the same way: once installed, its compact, thin column remains virtually hidden from view. But once the music starts, the audience is surprised by its presence and astonished by its sound.

The Python is a passive speaker made with a durable stainless steel chassis, rendering it resistant to corrosion, rust

or stain - perfect for a great variety of both indoor and outdoor applications. It comes in two sizes: a half meter-long model and meter-long model and can reproduce the whole vocal frequency range with high intelligibility, optimal for theater setups, broadcast studios and houses of worship.

A variety of rigging accessories provides many linking and hanging options to be combined in vertical and horizontal line array configurations to satisfy many different venue requirements during temporary events and for permanent installations.

Pure Array Technology (PAT)

Composed of closely-spaced, full-range sound sources, our line array elements feature Pure Array Technology (PAT). With no crossover and no reflex, a perfect phase response is achieved in both the near and far fields, making

these columns the perfect solution to cover long distances uniformly. The narrow vertical coverage minimizes the sound spill towards the ceiling and the floor, thus increasing the intelligibility in highly reverberant environments.

COLORS & PREMIUM FINISHES AVAILABLE



Black



White



Custom



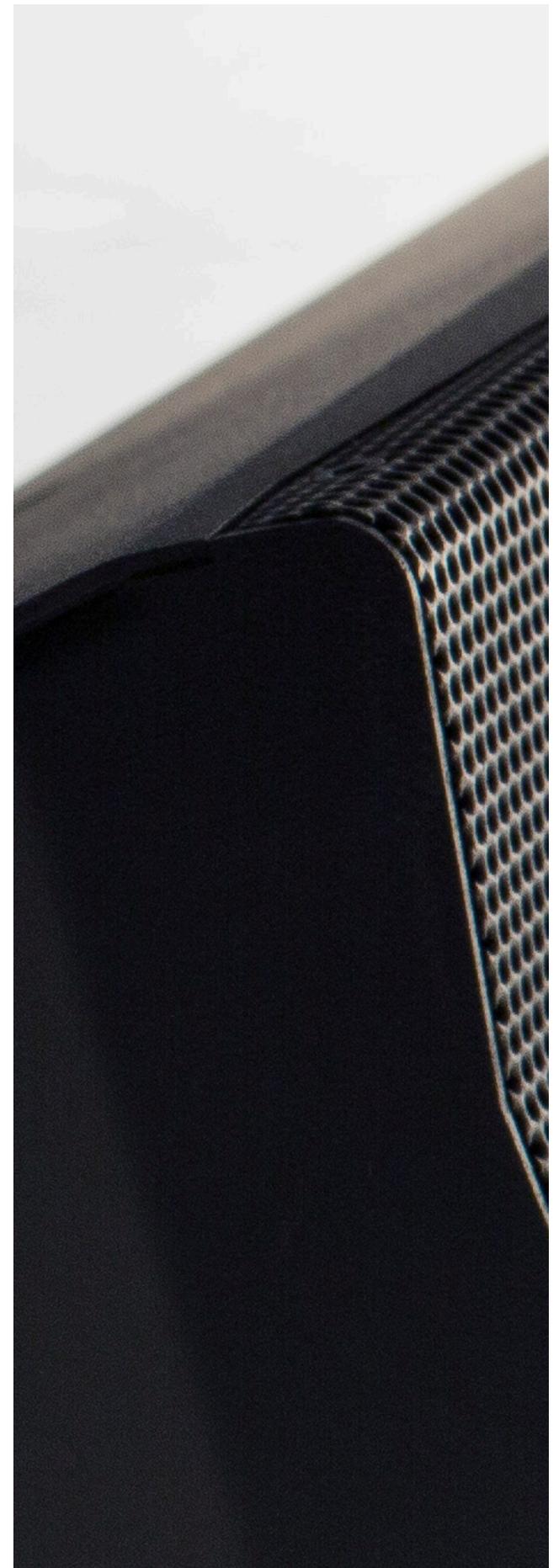
Gold

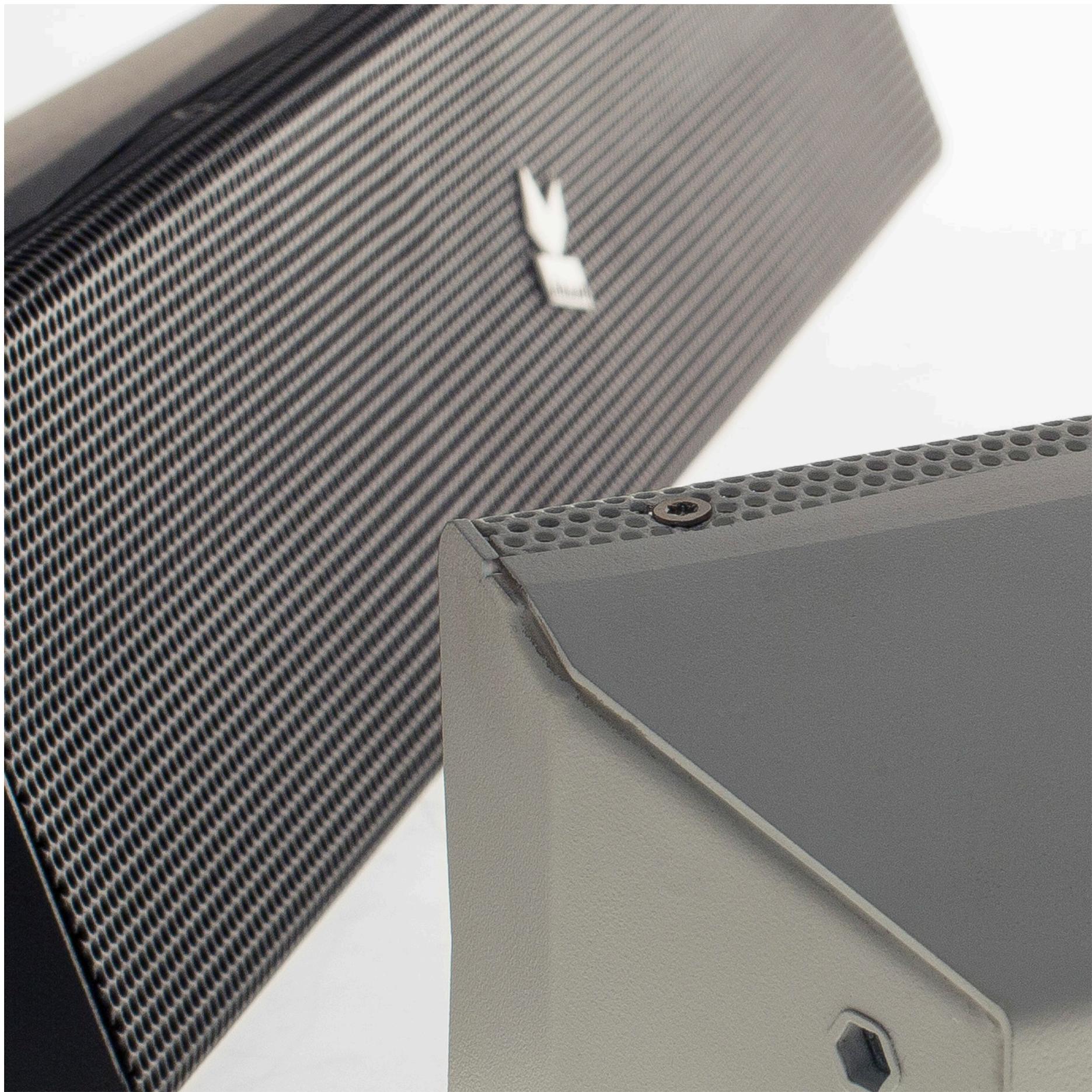


Polished



Brushed





Python-KP52I

Line array element, variable beam speaker



8/32 Ohm Selectable

SPOT/FLOOD Switch

ACOUSTICS	
Power handling	360 W (AES)
Impedance	8Ω or 32Ω (selectable)
Frequency range	120 Hz - 20 KHz.
Maximum SPL	118 dB continuous - 124 dB peak
COVERAGE	
Horizontal	110°
Vertical	10° - 45/45° (selectable)
CROSSOVER	
Type	External Crossover required
Frequency	High pass @100 Hz, 24 dB/oct suggested minimum
TRANSDUCERS	
Full-range	6 x 3.15" Neodymium magnet with 1" voice coil
POWER AUDIO INPUTS	
Connectors	2 x 4-pin Speakon
Wiring	1+ 1- (signal IN & LINK); 2+ 2- (through)
SELECTION SWITCHES	
Vertical pattern	Spot - Flood
Impedance	16Ω - 32Ω
PHYSICAL OVERVIEW	
Dimensions	8.9 x 52.0 x 11.8 cm (3.50" x 20.47" x 4.64")
Weight	5.8 Kg (12.78 lb)
<small>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</small>	

SUGGESTED ACCESSORIES

K-BASE2

K-FLY2

K-FOOT2

K-JOINT2

K-WALL2

K-WALL2L

FEATURES



Visually Discreet



Weather Resistant



Electronically Protected



Selectable Impedance



Selectable Coverage



Pure Array Technology (PAT)

FREQUENT APPLICATIONS

AUDITORIUMS, EDUCATION & GOVERNMENT

THEATERS & CONCERT HALLS

STADIUMS & SPORT VENUES

BROADCAST & STUDIOS

HOUSES OF WORSHIP

EVENT PRODUCTIONS

TOURING, FESTIVALS, CONCERTS & LIVE EVENTS

THEME PARKS

Python-KP102I

Line array element, variable beam speaker



ACOUSTICS	
Power handling	720 W ^(AES)
Impedance	4Ω or 16Ω (selectable)
Frequency range	120 Hz - 20 KHz.
Maximum SPL	128 dB continuous - 134 dB peak
COVERAGE	
Horizontal	90°
Vertical	7° - 30° (selectable)
CROSSOVER	
Type	External Crossover required
Frequency	High pass @120 Hz, 24 dB/oct suggested minimum
TRANSDUCERS	
Full-range	12 x 3.15" Neodymium magnet with 1" voice coil
POWER AUDIO INPUTS	
Connectors	2 x 4-pin Speakon
Wiring	1+ 1- (signal IN & LINK); 2+ 2- (through)
SELECTION SWITCHES	
Vertical pattern	Spot - Flood
Impedance	4Ω - 16Ω
PHYSICAL OVERVIEW	
Dimensions	8.9 x 100.0 x 11.8 cm (3.50" x 39.37" x 4.64 ")
Weight	12.0 Kg (26.45 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>	

Installed Sound Python

SUGGESTED ACCESSORIES

K-BASE2

K-FLY2

K-FOOT2

K-JOINT2

K-WALL2

K-WALL2L

FEATURES



Visually Discreet



Weather Resistant



Electronically Protected



Selectable Impedance



Selectable Coverage



Pure Array Technology (PAT)

FREQUENT APPLICATIONS

AUDITORIUMS, EDUCATION & GOVERNMENT

THEATERS & CONCERT HALLS

STADIUMS & SPORT VENUES

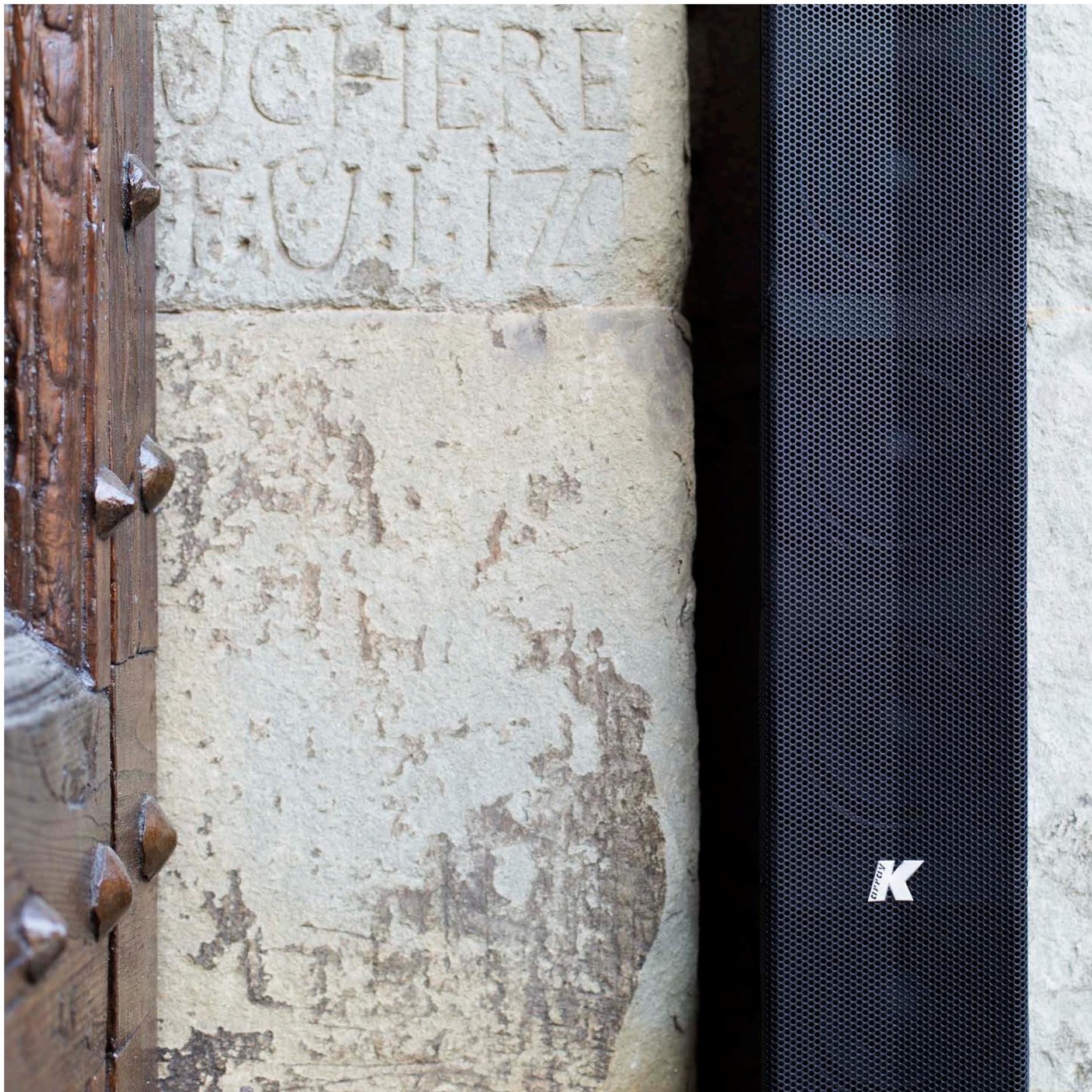
BROADCAST & STUDIOS

HOUSES OF WORSHIP

EVENT PRODUCTIONS

TOURING, FESTIVALS, CONCERTS & LIVE EVENTS

THEME PARKS

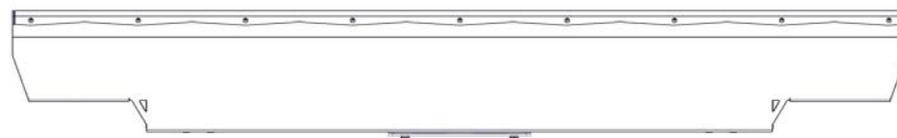




Speakers

Kayman

Line array element, variable
beam speaker



Kayman-KY102

11.6 x 100.0 x 13.4 cm (4.56" x 39.37" x 5.27")
14,9 kg (32.8 lb)

Installed Sound Kayman

Vicari Palace (1306)
Scarperia, Mugello, Italy

Kayman

Line array element, variable beam speaker

Like the Kobra and the Python lines, the Kayman line is an advanced line array element housed in a sleek design. Measuring at a length of one meter, the Kayman is a passive speaker comprised of eight 4" neodymium magnet transducers. These closely-spaced, full-range sound sources signify K-array's Pure Array Technology (PAT).

The Kayman's vertical dispersion pattern can be switched for wide or narrow coverage, allowing for a great variety of applications such as large theaters and congregations and live concerts. And with the ability to customize the color as well as the finish of the speaker, users are able to match the Kayman with the architecture and design of the venue.

Pure Array Technology (PAT)

Composed of closely-spaced, full-range sound sources, our line array elements feature Pure Array Technology. With no crossover and no reflex, a perfect phase response is achieved in both the near and far fields, making these

columns the perfect solution to cover long distances uniformly. The narrow vertical coverage minimizes the sound spill towards the ceiling and the floor, thus increasing the intelligibility in highly reverberant environments.

COLORS & PREMIUM FINISHES AVAILABLE



Black



White



Custom



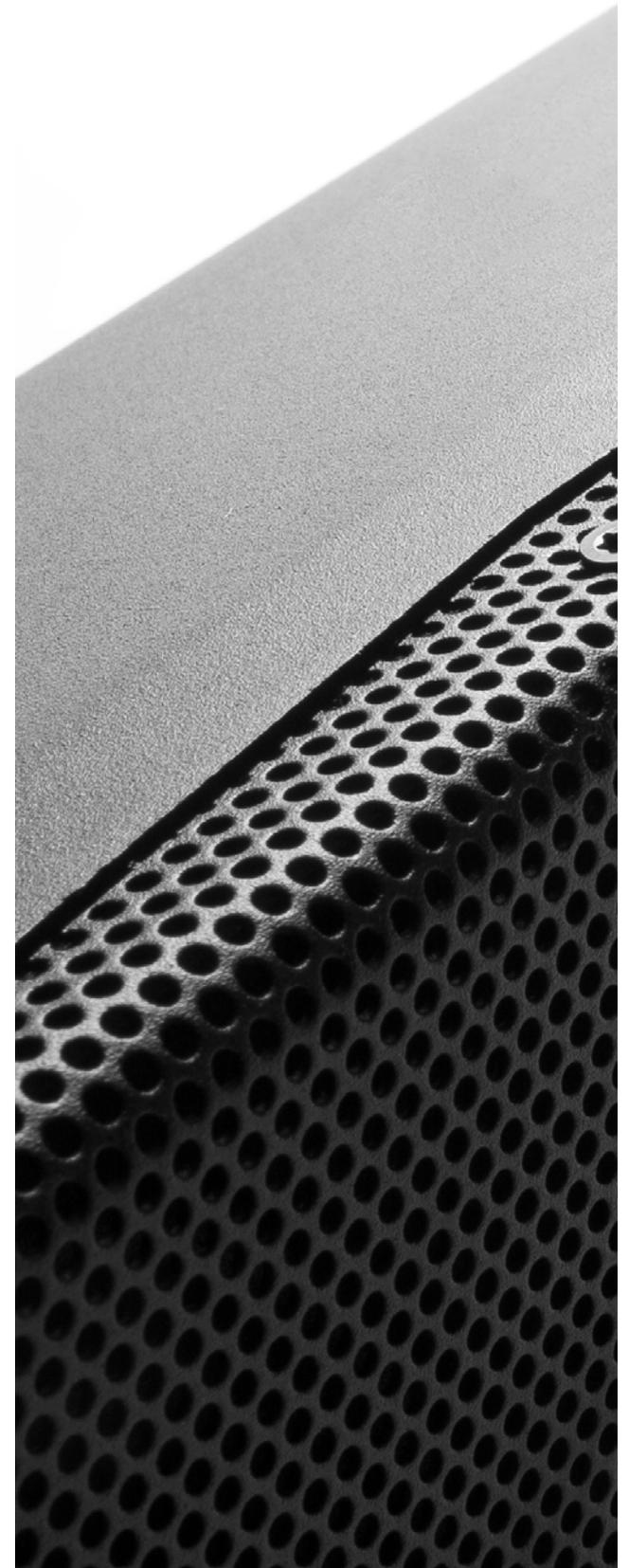
Gold



Polished



Brushed







-----● SPOT/FLOOD Switch

-----● 8/32 Ohm Selectable

Kayman-KY102

Line array element, variable beam speaker

ACOUSTICS	
Power handling	1200 W ^(AES)
Impedance	8Ω or 32Ω (selectable)
Frequency range	90 Hz – 20 kHz (-3dB)
Maximum SPL	132 dB (cont.) – 138 dB (peak)
COVERAGE	
Horizontal	90°
Vertical	7° - 30° (selectable)
CROSSOVER	
Type	External Crossover required
Frequency	High pass @ 90 Hz, 24 dB/oct suggested minimum
TRANSDUCERS	
Full-range	8 x 4" Neodymium magnet cone drivers with 1.5" voice coil
POWER AUDIO INPUTS	
Connectors	2 x 4-pin Speakon
Wiring	1+ 1- (signal IN & LINK); 2+ 2- (through)
SELECTION SWITCHES	
Vertical pattern	Spot - Flood
Impedance	8Ω - 32Ω
PHYSICAL OVERVIEW	
Dimensions	11.6 x 100.0 x 13.4 cm (4.56" x 39.37" x 5.27")
Weight	14,9 Kg (32.8 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>	

SUGGESTED ACCESSORIES

K-BASE2

K-FLY2

K-FOOT2

K-JOINT2

K-WALL2

K-SPK235

FEATURES



Visually Discreet



Weather Resistant



Electronically Protected



Selectable Impedance



Selectable Coverage



Pure Array Technology (PAT)

FREQUENT APPLICATIONS

AUDITORIUMS, EDUCATION & GOVERNMENT

LARGE CONGREGATIONS

THEATERS & CONCERT HALLS

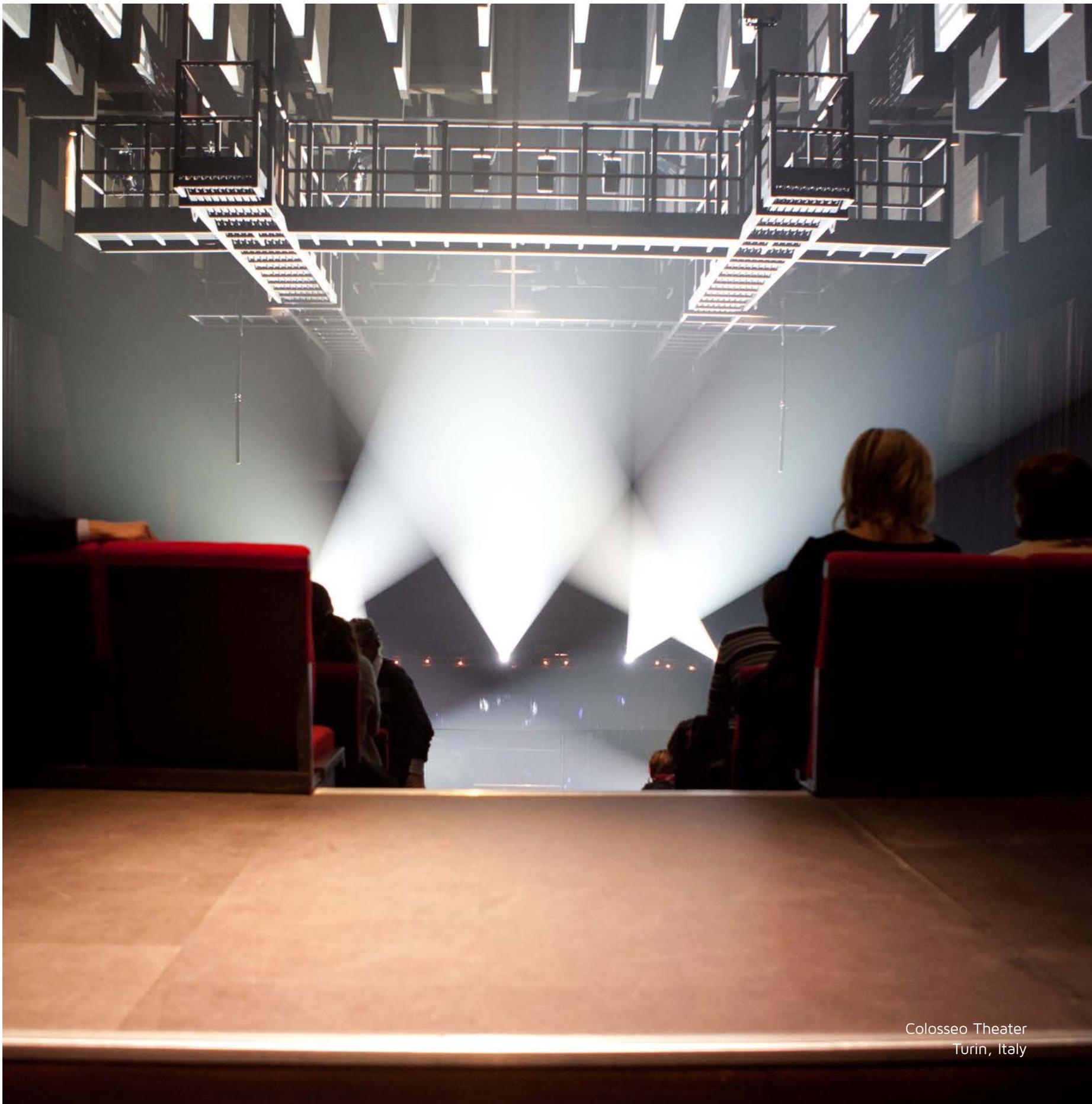
STADIUMS & SPORT VENUES

TOURING, FESTIVALS, CONCERTS & LIVE EVENTS

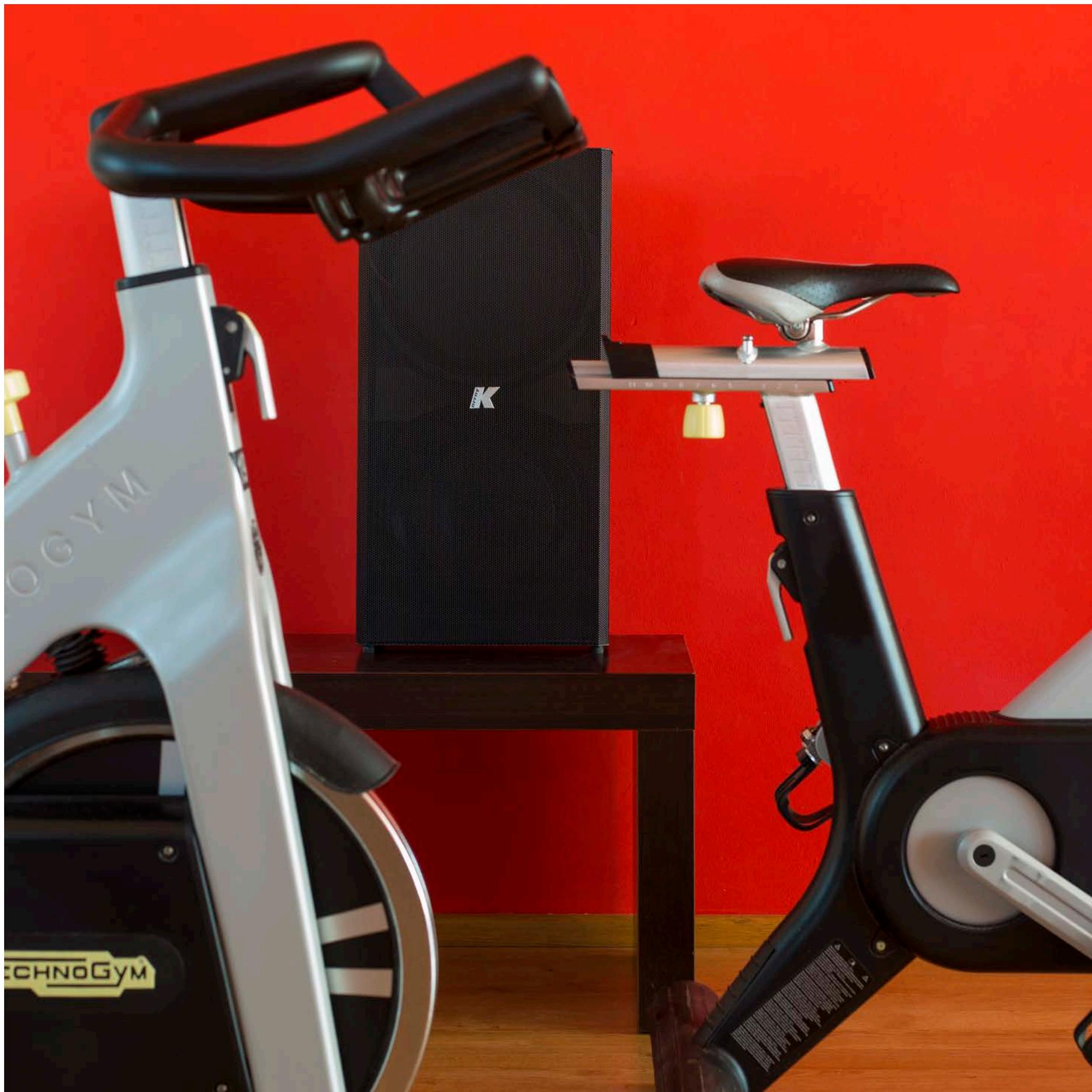
BROADCAST & STUDIOS

THEME PARKS

NIGHTCLUBS



Colosseo Theater
Turin, Italy





Sporting Borgonuovo
San Piero a Sieve, Mugello, Italy

Speakers

Domino

Ultra compact passive
full-range speaker



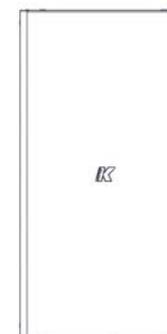
Domino-KF26

18.0 x 35.0 x 11.8 cm (7.08" x 13.77" x 4.64")
6.5 kg (14.33 lb)



Domino-KF210

28.2 x 50.0 x 15.0 cm (11.1" x 19.68" x 5.9")
12.0 kg (26.45 lb)



Domino-KF212

33.0 x 65.0 x 20.0 cm (12.99" x 25.59" x 7.87")
23.5 kg (51.8 lb)

Installed Sound Domino

Domino

Ultra compact passive
full-range speaker

K-array's full-range speaker line, Domino, is comprised of stainless steel compact speakers with plug and play capabilities that do not require presets. They can be driven by any amplifier making them the perfect solution for applications with subwoofer restrictions from intimate restaurants to live concert settings.

The line consists of three speakers: the KF26, the KF210 and the KF212. Like the tiles from the popular game, the Domino line boasts an impressive diminutive depth and a lightweight form. The speakers are comprised of two neodymium magnet woofers coaxially mounted plus a passive radiator to extend the bass response in the lower end frequencies. Domino speakers have selectable impedance and wide horizontal and vertical coverage.

Designed as a passive speaker, the smallest of the trio, the KF26, can be transformed into a self-powered speaker just by inserting the specific amplifier accessory, KA1-FF.

The Domino line is accompanied by several product-specific accessories that can enhance the system's setup. Wall brackets are included while other useful tools are available for purchase, like the flush mount recessing frame, K-WF26 and K-WF212, used for wall insets to further hide the speakers.

The Domino is available in a 24 K gold plated finish as well as brushed or polished stainless steel finishes in addition to the standard sleek black and elegant white rendering them suitable for any venue.

COLORS & PREMIUM FINISHES AVAILABLE



Black



White



Custom



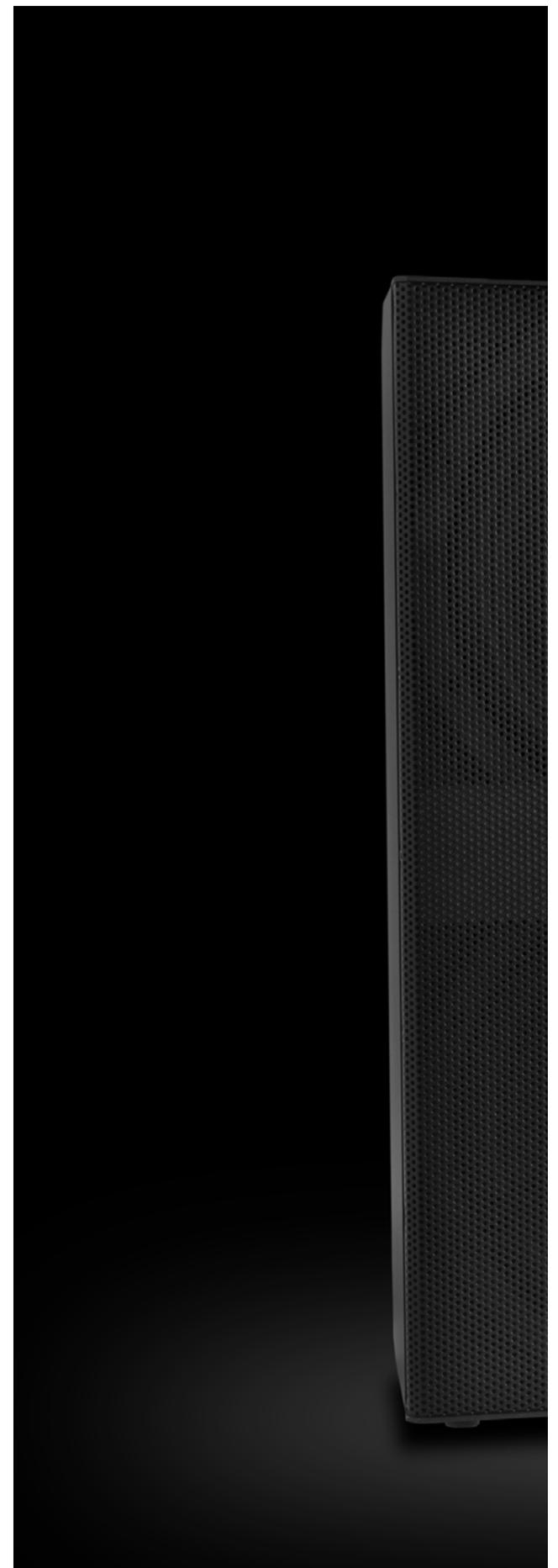
Gold



Polished



Brushed





Domino-KF26

Ultra-compact, full-range passive speakers



ACOUSTICS	
Power handling	160 W
Impedance	8 / 32 Ω selectable
Frequency range	50Hz-19000Hz passive version / 45Hz-19000Hz with KA1-FF
Maximum SPL	109dB (cont) - 115dB (peak) passive version 106dB (cont) - 112dB (peak) with KA1-FF
COVERAGE	
Horizontal	90°
Vertical	90°
CROSSOVER	
Type	internal passive crossover
Frequency	1600Hz
TRANSDUCERS	
Type	Low-mid frequency: 1 x 6" Neodymium magnet with 2" voice coil + 1 x 6" passive transducer
Type	High frequency: 2" Neodymium magnet Woofer with 2" voice coil
POWER AUDIO INPUTS	
Connectors	1 x 4-pin phoenix connector
RECOMMENDED AMPLIFIERS	
Type	KA14, KA24, KA84, KA1-FF
PHYSICAL OVERVIEW	
Dimensions	18.0 x 35.0 x 11.8 cm (7.08" x 13.77" x 4.64")
Weight	6.5 Kg(14.33 lb)
Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.	

SUGGESTED ACCESSORIES

K-2SPK

K-FLY2

K-FOOT2

K-JOINT2

K-KUIP

K-WF26

FEATURES



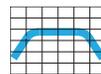
Visually Discreet



Weather Resistant



Selectable Impedance



Full Range

FREQUENT APPLICATIONS

CINEMAS

MUSEUMS

CAFES, BISTROS & RESTAURANTS

HOTELS

THEME PARKS

BROADCAST & STUDIOS

TRANSPORTATION FACILITIES

RETAIL

Domino-KF210

Ultra-compact, full-range passive speakers



ACOUSTICS	
Power handling	320 W
Impedance	8 / 16 Ω selectable
Frequency range	40Hz-19000Hz passive version
Maximum SPL	117dB (cont) - 123dB (peak) passive version 121dB (cont) - 127dB (peak) with KA1-FF
COVERAGE	
Horizontal	90°
Vertical	90°
CROSSOVER	
Type	internal passive crossover
Frequency	2500Hz
TRANSDUCERS	
Type	Low-mid frequency: 1 x 10" Neodymium magnet with 2 voice coils of 2" x 1 x 10" passive transducer
Type	High frequency: 3" Neodymium magnet Woofer with 2 voice coils of 1"
POWER AUDIO INPUTS	
Connectors	1 x 4-pin phoenix connector
RECOMMENDED AMPLIFIERS	
Type	KA14, KA24, KA84, KA1-FF
PHYSICAL OVERVIEW	
Dimensions	28.2 x 50.0 x 15.0 cm (11.1 x 19.68" x 5.9 ")
Weight	12.0 Kg (26.45 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>	

Installed Sound Domino

SUGGESTED ACCESSORIES

K-2SPK

K-JOINT2

K-KUIP

K-WALL2

K-F210

K-FLY2U

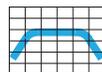
FEATURES



Weather Resistent



Selectable Impedence



Full Range

FREQUENT APPLICATIONS

CINEMAS

MUSEUMS

CAFES, BISTROS & RESTAURANTS

THEATERS

FITNESS & WELLNESS

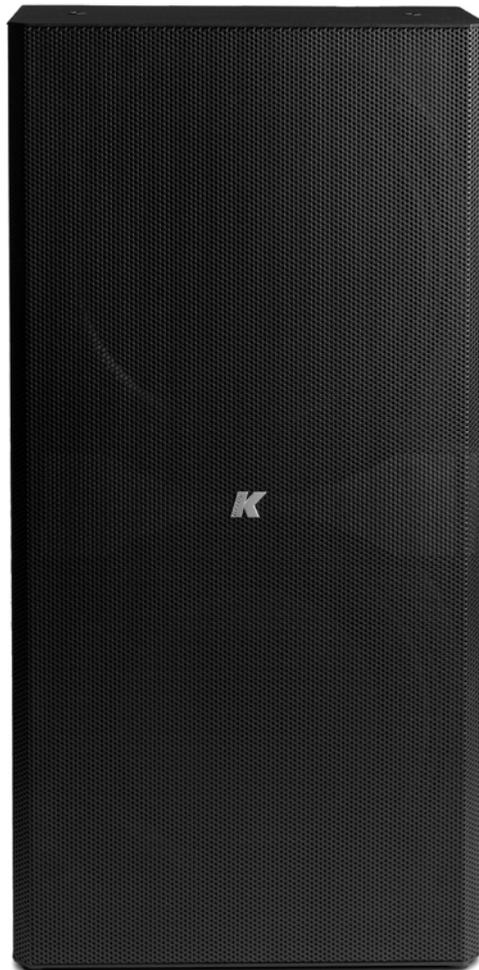
RETAIL

THEME PARKS

AUDITORIUMS & EDUCATION/GOVERNMENT

Domino-KF212

Ultra-compact, full-range passive speaker



ACOUSTICS	
Power handling	700 W
Impedance	8 Ω
Frequency range	40Hz-19000Hz
Maximum SPL	124dB (cont) - 130dB (peak)
COVERAGE	
Horizontal	90°
Vertical	60°
CROSSOVER	
Type	internal passive crossover
Frequency	2500Hz
TRANSDUCERS	
Type	1 x 12" Coaxial: LF ferrite magnet with voice coil of 3" + HF titanium dome with voice coil of 1.7"
Type	1 x 12" passive transducer
POWER AUDIO INPUTS	
Connectors	1 x 4-pin phoenix connector only 2-pin used
RECOMMENDED AMPLIFIERS	
Type	KA84
PHYSICAL OVERVIEW	
Dimensions	33.0 x 65.0 x 20.0 cm (12.99" x 25.59" x 7.87 ")
Weight	23.5 Kg (51.8 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>	

SUGGESTED ACCESSORIES

K-2SPK

K-FLY22

K-FLY2B

K-JOINT2B

FEATURES



Weather
Resistant



Full Range

FREQUENT APPLICATIONS

THEME PARKS

CINEMAS

CAFES, BISTROS & RESTAURANTS

FITNESS & WELLNESS

HOUSES OF WORSHIP

STADIUMS & SPORT VENUES

NIGHTCLUBS

THEATERS & CONCERT HALLS



Farmhouse and Factory I Ricci
Vicchio, Mugello, Italy







Toscanino Tasting Tuscany,
Florence, Italy

Subwoofers

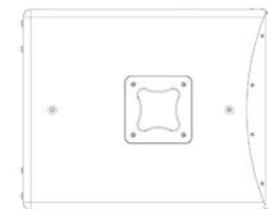
Thunder

Ultra-light, high-power subwoofer



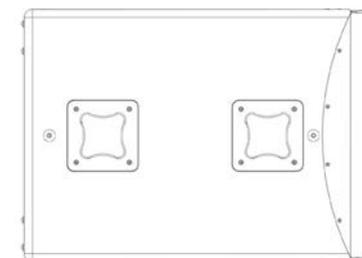
Thunder-KMT12I | KMT12P

32.6 x 32.7 x 43.3 cm (12.83" x 12.87" x 17.04")
15.6 kg (34.39 lb) KMT12I | 12.6 kg (27.77 lb) KMT12P



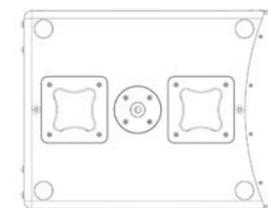
Thunder-KMT18I | KMT18P

46.5 x 46.5 x 59.6 cm (18.3" x 18.3" x 23.46")
27.6 kg (60.84 lb) KMT18I | 24.6 kg (54.23 lb) KMT18P



Thunder-KMT21I | KMT21P

55.5 x 55.5 x 76.3 cm (21.85" x 21.85" x 30.03")
49.0 kg (108.2 lb) KMT21I | 44.5 kg (98.10 lb) KMT21P



Thunder-KMT218 | KMT218P

94.9 x 48.0 x 60.0 cm (37.36" x 18.89" x 23.62")
49.0 kg (108.02 lb) KMT218 | 46.0 kg (101.41 lb) KMT218P

Installed Sound Thunder

Thunder

High-tech, multi-task subwoofer

K-array's Thunder series gives you all the boom with bass you need for installation applications. With both passive and active models in various sizes starting from 12" to 21" and dual 18", the Thunder line is a high performance sub-bass system featuring a woofer with magnet structure and suspension engineered for maximum linear excursion.

The subwoofers in the Thunder line - KMT12P, KMT12, KMT18P, KMT18, KMT21P, KMT21, KMT218 and KMT218P - contain a unique four-corner port configuration which provides symmetrical back loading to the speakers for extended bass response with very low distortion and provides incredible structural strength to the cabinet despite its light weight.

Pocket handles and an M20 thread mount position for attaching mid-

high speakers make the subwoofers convenient to use and ideal for applications in theaters, concert halls and restaurant installations.

The active models include an integrated touch screen providing intuitive control over the main DSP functions, two balanced analog line level inputs and a two-channel AES/EBU digital input to connect a wide array of passive speakers including mid-high models or additional passive subwoofers, and an integrated Class D amplifier. To optimize performance, the onboard DSP includes up to 40 programmable presets. The first 8 have been designed by K-array, the additional 32 slots can be used to create, save, and store personal presets using the K-framework software. And with the K-dante accessory, the subwoofers are able to connect to the Dante network for audio and data transmissions.

COLORS & PREMIUM FINISHES AVAILABLE



Black



White



Custom





Thunder-KMT12I

High-tech, multi-task powered 12" subwoofer
with DSP and power output



ACOUSTICS	
Power handling	700 W (AES)
Impedance	8 Ω
Frequency range	40 Hz - 150 Hz ± 3dB (preset relating)
Maximum SPL	128 dB continuous - 134 dB peak
COVERAGE	
Horizontal	Omni°
Vertical	Omni°
CROSSOVER	
Type	DSP controlled
Frequency	150 Hz (preset dependent)
TRANSDUCERS	
Full-range	1 x 12" Neodymium speakers with 3" voice coil
AMPLIFIERS	
Type	1 modules class D - DSP controlled
Power	2x1000 Watt @ 8Ω
Protection	Dynamic limiter, over current, over temp, short circuits
PHYSICAL OVERVIEW	
Dimensions	32.6 x 32.7 x 43.3 cm (12.83" x 12.87" x 17.04")
Weight	15.6 Kg (34.39 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>	

SUGGESTED ACCESSORIES

K-DANTE

K-POLE1

K-USB

K-AMPCOVER

K-WHEEL

K-WHEELB

FEATURES



Weather
Resistant



Lightweight



On-Board
Touch Screen



Compatible

FREQUENT APPLICATIONS

AUDITORIUMS, EDUCATION & GOVERNMENT

FITNESS & WELLNESS

EVENT PRODUCTIONS

RETAIL

BROADCAST & STUDIOS

THEME PARKS

CAFES, BISTROS & RESTAURANTS

TOURING, FESTIVALS, CONCERTS & LIVE EVENTS

Thunder-KMT12P

Ultra-light, high-power
12" subwoofer



ACOUSTICS	
Power handling	720 W ^(AES)
Impedance	8 Ω
Frequency range	45 Hz - 150 Hz ± 3dB (preset dependent)
Maximum SPL	125 dB continuous - 131 dB peak
COVERAGE	
Horizontal	Omni°
Vertical	Omni°
CROSSOVER	
Type	External Crossover required
Frequency	Low pass @ 150 Hz maximum
TRANSDUCERS	
Full-range	1 x 12" Neodymium speakers with 3" voice coil
PHYSICAL OVERVIEW	
Dimensions	32.6 x 32.7 x 43.3 cm (12.83" x 12.87" x 17.04")
Weight	12.6 Kg (27.77 lb)

Notes for data
New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.

Installed Sound Thunder

SUGGESTED ACCESSORIES

K-POLE1

K-WHEEL

K-WHEELB

K-WIRE2

K-WIRE15

FEATURES



Weather
Resistant



Lightweight

FREQUENT APPLICATIONS

AUDITORIUMS & EDUCATION/GOVERNMENT

FITNESS & WELLNESS

EVENT PRODUCTIONS

RETAIL

BROADCAST & STUDIOS

THEME PARKS

CAFES, BISTRO & RESTAURANTS

TOURING, FESTIVALS, CONCERTS & LIVE EVENTS

Thunder-KMT18I

High-tech, multi-task powered 18" subwoofer with DSP and power output



ACOUSTICS	
Power handling	800 W (AES)
Impedance	8 Ω
Frequency range	30 Hz - 150 Hz ± 3dB (preset relating)
Maximum SPL	130 dB continuous - 136 dB peak
COVERAGE	
Horizontal	Omni°
Vertical	Omni°
CROSSOVER	
Type	DSP controlled
Frequency	150 Hz (preset dependent)
TRANSDUCERS	
Full-range	1 x 18" Neodymium speakers with 3" voice coil
AMPLIFIERS	
Type	1 modules class D - DSP controlled
Power	2x1000 Watt @ 8Ω
Protection	Dynamic limiter, over current, over temp, short circuits
PHYSICAL OVERVIEW	
Dimensions	46.5 x 46.5 x 59.6 cm (18.3" x 18.3" x 23.46")
Weight	27.6 Kg (60.84 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>	

SUGGESTED ACCESSORIES

K-DANTE

K-POLE1

K-USB

K-AMPCOVER

K-WHEEL

K-WHEELB

FEATURES



Weather
Resistant



On-Board
Touch Screen



Compatible



Lightweight

FREQUENT APPLICATIONS

THEATERS & CONCERT HALLS

NIGHTCLUBS

EVENT PRODUCTIONS

RETAIL

BROADCAST & STUDIOS

THEME PARKS

HOTELS

CAFES, BISTROS & RESTAURANTS

Thunder-KMT18P

Ultra-light, high-power
18" subwoofer



ACOUSTICS	
Power handling	800 W ^(AES)
Impedance	8 Ω
Frequency range	30 Hz - 150 Hz ± 3dB (preset dependent)
Maximum SPL	128 dB continuous - 134 dB peak
COVERAGE	
Horizontal	Omni°
Vertical	Omni°
CROSSOVER	
Type	External Crossover required
Frequency	Low pass @ 150 Hz maximum
TRANSDUCERS	
Full-range	1 x 18" Neodymium speakers with 3" voice coil
PHYSICAL OVERVIEW	
Dimensions	46.5 x 46.5 x 59.6 cm (18.3" x 18.3" x 23.46")
Weight	24.6 Kg (54.23 lb)

Notes for data
New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.

Installed Sound Thunder

SUGGESTED ACCESSORIES

K-POLE1

K-WIRE2

K-WHEEL

K-WIRE15

K-WHEELB

FEATURES



Weather
Resistant



Lightweight

FREQUENT APPLICATIONS

THEATERS & CONCERT HALLS

NIGHTCLUBS

EVENT PRODUCTIONS

RETAIL

BROADCAST & STUDIOS

THEME PARKS

HOTELS

CAFES, BISTROS & RESTAURANTS

Thunder-KMT21I

High-tech, multi-task powered 21" subwoofer
with DSP and power output



ACOUSTICS	
Power handling	1600 W ^(AES)
Impedance	4Ω
Frequency range	30 Hz - 150 Hz ± 3dB (preset relating)
Maximum SPL	130 dB continuous - 136 dB peak
COVERAGE	
Horizontal	Omni°
Vertical	Omni°
CROSSOVER	
Type	DSP controlled
Frequency	150 Hz (preset dependent)
TRANSDUCERS	
Full-range	1 x 21" Neodymium speakers with 3" voice coil
AMPLIFIERS	
Type	1 module class D - DSP controlled
Power	2400 Watt @ 4Ω
Protection	Dynamic limiter, over current, over temp, short circuits
PHYSICAL OVERVIEW	
Dimensions	55.5 x 55.5 x 76.3 cm (21.85" x 21.85" x 30.03")
Weight	49.0 Kg (108.2 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>	

SUGGESTED ACCESSORIES

K-DANTE

K-POLE1

K-USB

K-AMPCOVER

K-WHEEL

K-WHEELB

FEATURES



Weather
Resistant



On-Board
Touch Screen



Compatible



Lightweight

FREQUENT APPLICATIONS

LARGE CONGREGATIONS

THEATERS & CONCERT HALLS

NIGHTCLUBS

EVENT PRODUCTIONS

BROADCAST & STUDIOS

THEME PARKS

TOURING, FESTIVALS, CONCERTS & LIVE EVENTS

CINEMAS

Thunder-KMT21P

Ultra-light, high-power
21" subwoofer



ACOUSTICS	
Power handling	1800 W (AES)
Impedance	4Ω
Frequency range	30 Hz - 150 Hz ± 3dB (preset dependent)
Maximum SPL	132 dB continuous - 138 dB peak
COVERAGE	
Horizontal	Omni°
Vertical	Omni°
CROSSOVER	
Type	External Crossover required
Frequency	Low pass @ 150 Hz maximum
TRANSDUCERS	
Full-range	1 x 21" Neodymium speakers with 3" voice coil
PHYSICAL OVERVIEW	
Dimensions	55.5 x 55.5 x 76.3 cm (21.85" x 21.85" x 30.03")
Weight	44.5 Kg (98.10 lb)

Notes for data
New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.

Installed Sound Thunder

SUGGESTED ACCESSORIES

K-POLE1

K-WHEEL

K-WHEELB

K-WIRE2

K-WIRE15

FEATURES



Weather
Resistant



Lightweight

FREQUENT APPLICATIONS

LARGE CONGREGATIONS

THEATERS & CONCERT HALLS

NIGHTCLUBS

EVENT PRODUCTIONS

BROADCAST & STUDIOS

THEME PARKS

TOURING, FESTIVALS, CONCERTS & LIVE EVENTS

CINEMAS

Thunder-KMT218

High-tech, multi-task powered 2 x18" sub-woofer with DSP and power output



ACOUSTICS	
Power handling	1600 W ^(AES)
Impedance	4Ω
Frequency range	30 Hz - 150 Hz ± 3dB (preset relating)
Maximum SPL	134 dB (cont.) - 140 dB (peak)
COVERAGE	
Horizontal	Omni°
Vertical	Omni°
CROSSOVER	
Type	Internal DSP controlled
Frequency	Low pass @ 150 Hz (maximum - preset dependent)
TRANSDUCERS	
Full-range	2 X 18" Neodymium magnet woofer with 3" voice coil
AMPLIFIERS	
Type	1 modules class D - DSP controlled
Power	2000 W @ 4 Ω 1% THD + NOISE
Protection	Over Temp.(Power Limiting - Thermal Shutdown), Short Circuit/Overload Output Protection, Power Limiting, Clip Limiter/Permane
PHYSICAL OVERVIEW	
Dimensions	94.9 x 48.0 x 60.0 cm (37.36" x 18.89" x 23.62")
Weight	49.0 Kg (108.02 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>	

SUGGESTED ACCESSORIES

K-DANTE

K-POLE1

K-USB

K-AMPCOVER

K-WHEEL

K-WHEELB

FEATURES



Weather Resistant



On-Board Touch Screen



Compatible



Lightweight

FREQUENT APPLICATIONS

LARGE CONGREGATIONS

THEATERS & CONCERT HALLS

NIGHTCLUBS

EVENT PRODUCTIONS

BROADCAST & STUDIOS

THEME PARKS

TOURING, FESTIVALS, CONCERTS & LIVE EVENTS

CINEMAS

Thunder-KMT218P

Ultra-light, high-power
2x18" subwoofer



ACOUSTICS	
Power handling	1600 W (AES)
Impedance	4Ω
Frequency range	30 Hz - 150 Hz
Maximum SPL	133 dB (cont.) - 139 dB (peak)
COVERAGE	
Horizontal	Omni°
Vertical	Omni°
CROSSOVER	
Type	External Crossover required
Frequency	Low pass @ 150 Hz (maximum - preset dependent)
TRANSDUCERS	
Full-range	2 X 18" Neodymium magnet woofer with 3" voice coil
PHYSICAL OVERVIEW	
Dimensions	94.9 x 48.0 x 60.0 cm (37.36" x 18.89" x 23.62")
Weight	46.0 Kg (101.41 lb)
Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.	

Installed Sound Thunder

SUGGESTED ACCESSORIES

K-POLE1

K-WHEEL

K-WHEELB

K-WIRE2

K-WIRE15

FEATURES



Weather
Resistant



Lightweight

FREQUENT APPLICATIONS

LARGE CONGREGATIONS

THEATERS & CONCERT HALLS

NIGHTCLUBS

EVENT PRODUCTIONS

BROADCAST & STUDIOS

THEME PARKS

TOURING, FESTIVALS, CONCERTS & LIVE EVENTS

CINEMAS





Speakers

Anakonda

Flexible array element speaker



Installed Sound Anakonda



Anakonda-KAN200

207.0 x 5.6 x 3.5 cm (81.49" x 2.2" x 1.4")
1.4 kg (3.1 lb)



Anakonda-KAN200+ | KAN200+8

207.0 x 5.6 x 3.5 cm (81.49" x 2.2" x 1.4")
1.9 kg (4.2 lb)

Vicari Palace (1306)
Scarperia, Mugello, Italy

Anakonda

Flexible array element speaker

The Anakonda is a truly a revolutionary speaker module in the audio industry in that before its existence, it was something unimaginable. It is designed as a problem solver for situations where a traditional speaker box can't be used but where good intelligibility, ultra-reliability and a sleek design are required.

At 2 meters of flexible speaker, the Anakonda is the perfect fit for any distributed sound application. Its lightness and flexibility ensure an easy integration in existing structures and can be extended with up to a maximum of 16 elements on one line to create a 32-meter line of continuous clear sound.

Each Anakonda is provided with two fabric socks, one black and one white,

which can be used to cover and protect the speaker from foreign objects and provide the possibility to change colors to match its surroundings. Wall brackets are included in the package to make the installation as easy and as fast as possible, perfect for concert front fills and theater under-balcony fills.

The Anakonda is so unique to the market, it has been awarded several times by the industry for its innovative design receiving the EMEA InAVation Awards 2014 for Most Innovative Loudspeaker and InfoComm's 2014 Best in Show, as well as being appointed in the Museum of Tuscan Design for design excellence.

COLORS & PREMIUM FINISHES AVAILABLE



Black



1 Black / 1 White
Sleeve Included





Anakonda-KAN200

Flexible array element speaker



ACOUSTICS	
Power handling	150 W ^(AES)
Impedance	64Ω
Frequency range	150 Hz – 18 kHz +/-6dB
Maximum SPL	96 dB (cont.) – 102 dB (peak)
COVERAGE	
Horizontal	Omni°
Vertical	Omni°
CROSSOVER	
Type	External Crossover required
Frequency	150 Hz 24dB/oct suggested minimum
TRANSDUCERS	
Full-range	8 x 1" Neodymium cone driver with 0.75" voice coil
POWER AUDIO INPUT	
Connectors	2 x 4-pin Speakon (1 female, 1 male)
Wiring	1+ 1- (signal IN & LINK) 2+ 2- (Through)
PHYSICAL OVERVIEW	
Dimensions	207.0 x 5.6 x 3.5 cm (81.49" x 2.2" x 1.4 ")
Weight	1.4 Kg (3.1 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>	

SUGGESTED ACCESSORIES

K-ANLINK



FEATURES



Weather
Resistant



Visually
Discreet



Lightweight



Pure Array
Technology
(PAT)

FREQUENT APPLICATIONS

THEATERS & CONCERT HALLS

STADIUMS & SPORT VENUES

EVENT PRODUCTIONS

RETAIL

TRANSPORTATION FACILITIES

BROADCAST & STUDIOS

THEME PARKS

MUSEUMS

Anakonda-KAN200+ KAN200+8

Flexible array element speaker



ACOUSTICS	
Power handling	300 W ^(AES)
Impedance	32Ω - (8 Ω KAN200 + 8)
Frequency range	150 Hz - 18 kHz +/-6dB
Maximum SPL	102 dB (cont.) - 108 dB (peak)
COVERAGE	
Horizontal	160°
Vertical	10°
CROSSOVER	
Type	External Crossover required
Frequency	150 Hz 24dB/oct suggested minimum
TRANSDUCERS	
Full-range	16 x 1" Neodymium cone driver with 0.75" voice coil
POWER AUDIO INPUT	
Connectors	2 x 4-pin Speakon (1 female, 1 male)
Wiring	1+ 1- (signal IN & LINK) 2+ 2- (Through)
PHYSICAL OVERVIEW	
Dimensions	207.0 x 5.6 x 3.5 cm (81.49" x 2.2" x 1.4 ")
Weight	1.9 Kg (4.1 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>	

Installed Sound Anakonda

SUGGESTED ACCESSORIES

K-ANLINK



FEATURES



Weather Resistant



Visually Discreet



Lightweight



Pure Array Technology (PAT)

FREQUENT APPLICATIONS

THEATERS & CONCERT HALLS

EVENT PRODUCTIONS

RETAIL

TRANSPORTATION FACILITIES

BROADCAST & STUDIOS

HOTELS

CAFES, BISTROS & RESTAURANTS

MUSEUMS





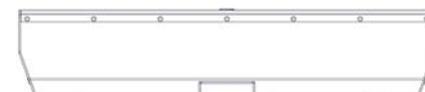
Vicari Palace (1306)
Scarperia, Mugello, Italy



Subwoofers

Rumble

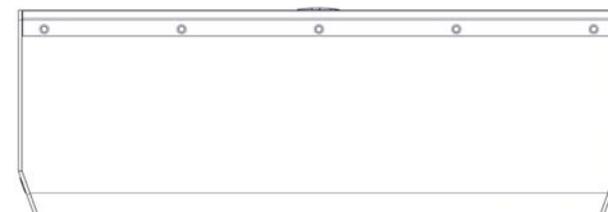
Ultra-thin line array bass element



Rumble-KU44
50.0 x 11.6 x 10.1 cm (19.68" x 4.56" x 3.97")
5.9 kg (13 lb)



Rumble-KU26
35.0 x 18.0 x 11.8 cm (13.77" x 7.08" x 4.64")
5.9 kg (13 lb)



Rumble-KU210
50.0 x 28.2 x 15.0 cm (19.68" x 11.1" x 5.9")
11.0 kg (24.25 lb)



Rumble-KU212
65.5 x 33.0 x 20.0 cm (25.78" x 12.99" x 7.87")
22.5 kg (49.6 lb)

Installed Sound Rumble



Rumble

Ultra-thin line array bass element

Products in the K-array subwoofer line, Rumble, were conceived from the need to provide a smaller, yet extremely powerful bass system engineered for maximum linear excursion and minimum residual noise.

The Rumble line is a companion to the K-array Lizard, Vyper, Tornado and Anakonda speakers. The combination provides full-range frequency response with prodigious output and a virtually invisible profile. The subwoofers, KU26, KU44, KU210 and KU212, all boast extended frequency response and are electronically protected.

The subs are made entirely of steel, making them extremely resistant, even when deployed outside in tough weather conditions. This is ideal for water-front environments where

ordinary bass speakers would corrode. They are impenetrable by foreign objects like dust, sand or water, which over time can damage an ordinary audio element.

The subwoofer is available in black or white with the option for customization with RAL colors and brushed, polished and 24K gold plated finishes to adapt to the aesthetics for almost all applications and includes integrated flying points for various setups.

A variety of dedicated hardware accessories provide designers with numerous mounting options for permanent and portable installations best suited for theaters and other venues where invisible line arrays are ideal. Other applications vary from hotels and churches to pubs and restaurants as well as stores and conferences.

COLORS & PREMIUM FINISHES AVAILABLE



Black



White



Custom



Gold



Polished



Brushed





Rumble-KU44

Ultra-thin line array bass element



ACOUSTICS	
Power handling	2 x 60 W
Impedance	8 / 32 Ω selectable (2 x 16 Ω)
Frequency range	50 Hz - 150 Hz
Maximum SPL	110 dB (cont.) - 116 dB (peak)
COVERAGE	
Horizontal	omni
Vertical	omni
CROSSOVER	
Type	External Crossover required
Frequency	Low pass @ 150 Hz
TRANSDUCERS	
Type	2 x 4" Neodymium magnet with 1" voice coil
Type	2 x 4" passive transducer
POWER AUDIO INPUTS	
Connectors	1 x 4-pin phoenix connector
RECOMMENDED AMPLIFIERS	
Type	KA14, KA24, KA84
PHYSICAL OVERVIEW	
Dimensions	50.0 x 11.6 x 10.1 cm (19.68" x 4.56" x 3.97")
Weight	5.9 Kg (13 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>	

SUGGESTED ACCESSORIES

K-2SPK

K-FLY2

K-FOOT2

K-JOINT2

K-WALL2

K-KCLAMP

FEATURES



Visually
Discreet



Weather
Resistant



Selectable
Impedance

FREQUENT APPLICATIONS

STADIUMS & SPORT VENUES

RETAIL

TRANSPORTATION FACILITIES

BROADCAST & STUDIOS

THEME PARKS

MUSEUMS

CAFES, BISTROS & RESTAURANTS

HOTELS

Rumble-KU26

Ultra-thin line array bass element



(shown with K2SPK2 accessory)

ACOUSTICS	
Power handling	2 x 80 W
Impedance	8 / 32 Ω selectable (2 x 16 Ω)
Frequency range	45 Hz - 150 Hz
Maximum SPL	115 dB (cont.) - 121 dB (peak)
COVERAGE	
Horizontal	omni
Vertical	omni
CROSSOVER	
Type	External Crossover required
Frequency	Low pass @ 150 Hz
TRANSDUCERS	
Type	1 x 6" Neodymium magnet with 1.5" voice coil
Type	1 x 6" passive transducer
POWER AUDIO INPUTS	
Connectors	1 x 4-pin phoenix connector
RECOMMENDED AMPLIFIERS	
Type	KA14, KA24
PHYSICAL OVERVIEW	
Dimensions	35.0 x 18.0 x 11.8 cm (13.77" x 7.08" x 4.64")
Weight	5.9 Kg (13 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>	

Installed Sound Rumble

SUGGESTED ACCESSORIES

K-2SPK

K-FLY2

K-KUIP

K-WALL2

K-WALL2L

K-KCLAMP

FEATURES



Visually
Discreet



Weather
Resistant



Selectable
Impedance

FREQUENT APPLICATIONS

MUSEUMS

CAFES, BISTROS & RESTAURANTS

THEME PARKS

BROADCAST & STUDIOS

TRANSPORTATION FACILITIES

RETAIL

HOUSES OF WORSHIP

THEATERS & CONCERT HALLS

Rumble-KU210

Ultra-thin line array bass element



ACOUSTICS	
Power handling	2 x 160 W
Impedance	4 / 16 Ω selectable (2 x 8 Ω)
Frequency range	40 Hz - 150 Hz
Maximum SPL	121 dB (cont.) - 127 dB (peak)
COVERAGE	
Horizontal	omni
Vertical	omni
CROSSOVER	
Type	External Crossover required
Frequency	Low pass @ 150 Hz suggested
TRANSDUCERS	
Type	1 x 10" Neodymium magnet with 2" voice coil
Type	1 x 10" passive transducer
POWER AUDIO INPUTS	
Connectors	1 x 4-pin phoenix connector
RECOMMENDED AMPLIFIERS	
Type	KA24, KA84
PHYSICAL OVERVIEW	
Dimensions	50.0 x 28.2 x 15.0 cm (19.68" x 11.1" x 5.9")
Weight	11.0 Kg (24.25 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>	

SUGGESTED ACCESSORIES

K-2SPK

K-KCLAMP

K-KUIP

K-WALL2

K-WF210

K-FLY2U

FEATURES



Visually
Discreet



Weather
Resistant



Selectable
Impedance

FREQUENT APPLICATIONS

CAFES, BISTROS & RESTAURANTS

HOTELS

THEME PARKS

RETAIL

CINEMAS

BROADCAST & STUDIOS

HOUSES OF WORSHIP

AUDITORIUMS, EDUCATION & GOVERNMENT

Rumble-KU212

Ultra-thin line array bass element



ACOUSTICS	
Power handling	700 W
Impedance	8 / 16 Ω
Frequency range	35 Hz – 150 Hz
Maximum SPL	124 dB (cont.) – 130 dB (peak)
COVERAGE	
Horizontal	omni
Vertical	omni
CROSSOVER	
Type	External Crossover required
Frequency	2500 Hz
TRANSDUCERS	
Type	1 x 12" Coaxial: LF ferrite magnet with voice coil
Type	3" + HF titanium dome with voice coil of 1.7"
Type	1 x 12" passive transducer
POWER AUDIO INPUTS	
Connectors	1 x 4-pin phoenix connector
RECOMMENDED AMPLIFIERS	
Type	KA84
PHYSICAL OVERVIEW	
Dimensions	65.5 x 33.0 x 20.0 cm (25.78" x 12.99" x 7.87")
Weight	22.5 Kg (49,6 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>	

Installed Sound Rumble

SUGGESTED ACCESSORIES

K-2SPK

K-JOINT2B

K-FLY2B

K-FLY22

FEATURES



Weather
Resistant



Selectable
Impedance

FREQUENT APPLICATIONS

THEME PARKS

CINEMAS

CAFES, BISTROS & RESTAURANTS

THEATERS

BROADCAST & STUDIOS

EVENT PRODUCTIONS

STADIUMS & SPORT VENUES

NIGHTCLUBS





Pecchioli Ceramics
Borgo San Lorenzo, Mugello, Italy

Monitors

Turtle

Low-profile variable coverage
speaker



Turtle-KRM33

26.6 x 10.3 x 30.0 cm (10.47" x 4.05" x 11.81")
5.2 kg (11.46 lb)



Turtle-KRM33P

26.6 x 10.3 x 30.0 cm (10.47" x 4.05" x 11.81")
4.4 kg (9.7 lb)

Installed Sound Turtle

Turtle

Low-profile variable coverage speaker

The Turtle line is an ultra-compact, low-profile wedge speaker with a controlled horizontal pattern and an extended frequency response. With three 3.15" cone drivers and one 6" passive radiator, this combination guarantees a controlled and linear emission on a wide range.

The controlled horizontal dispersion gives the possibility of creating horizontal arrays which increase the SPL and the coverage while maintaining a high and constant signal-before-feedback within all the cluster's beams.

The Turtle line is comprised of a passive model, KRM33P and a self-

powered model, KRM33. The KRM33 is equipped with a two-channel amplifier and a DSP that can be used to adjust the EQ directly inside the box. An USB direct connection guarantees an easy plug and play connection. The DSP also offers the possibility of changing the horizontal pattern of the single speaker and its bass response, using two buttons located at the back of the box are used to quickly change these settings without the need of a computer.

Like the reptile, the speakers' stainless steel chassis is a sturdy and durable box which is also remarkably short. Thanks to this feature the Turtle can be easily and discreetly integrated in scenography designs, broadcast studios as well as under-balcony installations in theaters.

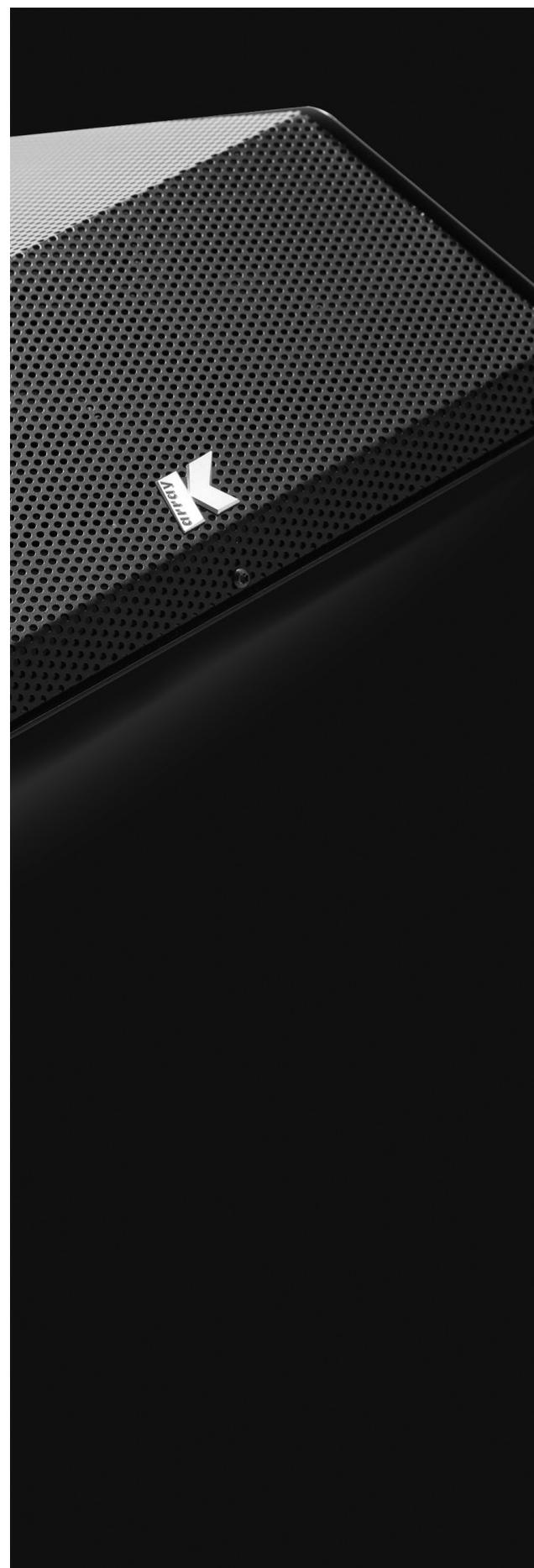
COLORS & PREMIUM FINISHES AVAILABLE



Black



Custom





Turtle-KRM33

Ultra-thin line array bass element



ACOUSTICS	
Power handling	180 W ^(AES)
Impedance	8Ω
Frequency range	70 Hz - 18 KHz +/- 3dB / 100 Hz - 18 KHz +/- 3dB
Maximum SPL	115 dB continuous - 121 dB peak
COVERAGE	
Horizontal	DSP controlled (30° / 70° selectable)
Vertical	90°
CROSSOVER	
Type	DSP controlled
Frequency	70 Hz minimum (preset dependent)
TRANSDUCERS	
Type	3 X 3,15" Neodymium cone driver with 1" voice coil
Type	1 X 6" passive radiator
POWER AUDIO INPUTS	
Connectors	1 male + 1 female 3-pin balanced XLR
PHYSICAL OVERVIEW	
Dimensions	26.6 x 10.3 x 30.0 cm (10.47" x 4.05" x 11.81")
Weight	5.2 Kg (11.46 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>	

SUGGESTED ACCESSORIES

K-R3WALL1



FEATURES



Visually
Discreet



Selectable
Coverage

FREQUENT APPLICATIONS

AUDITORIUMS, EDUCATION & GOVERNMENT

THEATERS & CONCERT HALLS

HOUSES OF WORSHIP

BROADCAST & STUDIOS

THEME PARKS

CINEMAS

CAFES, BISTROS & RESTAURANTS

LARGE CONGREGATIONS

Turtle-KRM33P

Low-profile variable coverage speaker



ACOUSTICS	
Power handling	180 W ^(AES)
Impedance	8Ω
Frequency range	70 Hz - 20 KHz
Maximum SPL	115 dB continuous - 121 dB peak
COVERAGE	
Horizontal	30° / 70°
Vertical	90°
CROSSOVER	
Type	External cross over required
Frequency	High pass @ 70Hz, 24dB/oct suggested minimum
TRANSDUCERS	
Type	3 X 3,15" Neodymium cone driver with 1" voice coil
Type	1 X 6" passive radiator
POWER AUDIO INPUTS	
Connectors	1 male + 1 female 3-pin balanced XLR
PHYSICAL OVERVIEW	
Dimensions	26.6 x 10.3 x 30.0 cm (10.47" x 4.05" x 11.81")
Weight	4.4 Kg (9.7 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>	

Install Sound Turtle

SUGGESTED ACCESSORIES

K-R3WALL1

FEATURES



Weather Resistent



Electronically Protected



Selectable Coverage

FREQUENT APPLICATIONS

AUDITORIUMS, EDUCATION & GOVERNMENT

THEATERS & CONCERT HALLS

HOUSES OF WORSHIP

BROADCAST & STUDIOS

THEME PARKS

CINEMAS

CAFES, BISTROS & RESTAURANTS

LARGE CONGREGATIONS



Kommander

All-in-one KA amplifier and processing solution



Kommander-KA14

43.0 x 9.4 x 29.5 cm (16.92" x 3.7" x 11.61")
3.8 kg (8.37 lb)



Kommander-KA24

43.0 x 9.4 x 29.5 cm (16.92" x 3.7" x 11.61")
5.4 kg (11.9 lb)



Kommander-KA84

43.0 x 9.4 x 29.5 cm (16.92" x 3.7" x 11.61")
6.4 kg (13.22 lb)

Installed Sound Kommander

Pecchioli Ceramics
Borgo San Lorenzo, Mugello, Italy

Kommander

All-in-one KA amplifier and processing solution

Taking command of the controls, K-array's line of power amplifiers, Kommander, is comprised of the KA14, KA24 and KA84.

The versatile line features four fully-independent and configurable output channels and an integrated DSP which offers EQ, Matrix, Levels, Delays and a Limiter to avoid the need for additional external processors. The front panel has an easy-to-use touchscreen that gives access to all the basic functions for quick setup.

The amplifiers in the Kommander line are a complete system and can be used as mixers for fixed installations thanks

to the XLR and RCA analog inputs. An onboard library preset with K-array speakers gives an optimal and easy configuration for endless combinations with the Lizard, Vyper, Tornado and Rumble loudspeaker lines. All DSP functions are remote controlled via the K-framework software over USB connector.

The amplifier is built into a lightweight yet tough 2U chassis and comes with a kit of removable rack adapters and four rubber pads for flat surfaces. Kommander amplifiers feature optical limiters and protection against overheating, overcurrent and short circuits to command all your system's needs.

COLORS & PREMIUM FINISHES AVAILABLE



Black



Kommander-KA14

All-in-one KA amplifier and processing solution



FEATURES



On-Board
Touch Screen



Lightweight

OUTPUT POWER	
Max Output @ 4Ω	4 x 300 W
Impedance	4Ω
AUDIO INPUT	
Analog Connectors	2 Female 3-Pin Balanced XLR + 3 Stereo female
REMOTE CONTROL	
Connectors	1 USB B Jack Serial Converter
AC POWER	
Connector	Powercon
Operating Range	High pass @100 Hz, 24 dB/oct suggested minimum
PHYSICAL OVERVIEW	
Dimensions	43.0 x 9.4 x 29.5 cm (16.92" x 3.7" x 11.61")
Weight	3.8 Kg (8.37 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>	

FREQUENT APPLICATIONS

THEME PARKS

AUDITORIUMS, EDUCATION & GOVERNMENT

HOUSES OF WORSHIP

THEATERS & CONCERT HALLS

BROADCAST & STUDIOS



FEATURES



On-Board
Touch Screen



Compatible

Kommander-KA24

All-in-one KA amplifier and processing solution

Installed Sound Kommander

OUTPUT POWER	
Max Output @ 4Ω	4 x 600 W
Max Power 8Ω	4 x 300 W
Max Power - bridged 8Ω	2 x 1200 W
Minimum impedance	4 Ω (single channel mode) 8 Ω (bridge mode)
AUDIO INPUT	
Analog Connectors	4 male + 4 female 3-pin balanced XLR
Digital Connectors	1 male + 1 female 3-pin XLR
REMOTE CONTROL	
Connectors	1 male + 1 female XLR parallel / 1 USB B Jack serial converter
AC POWER	
Connector	2 x PowerCon IN/OUT
Operating Range	AC 90V - 264V
PHYSICAL OVERVIEW	
Dimensions	43.0 x 9.4 x 29.5 cm (16.92" x 3.7" x 11.61")
Weight	5.4 Kg (11.9 lb)
Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.	

FREQUENT APPLICATIONS

THEME PARKS

AUDITORIUMS, EDUCATION & GOVERNMENT

HOUSES OF WORSHIP

THEATERS & CONCERT HALLS

BROADCAST & STUDIOS



Kommander-KA84

All-in-one KA amplifier and processing solution

OUTPUT POWER	
Max Output @ 4Ω	4 x 2000 W
Max Power 8Ω	4 x 1000 W
Max Power - bridged 8Ω	2 x 4000 W
Minimum impedance	4 Ω (single channel mode) 8 Ω (bridge mode)
AUDIO INPUT	
Analog Connectors	4 male + 4 female 3-pin balanced XLR
Digital Connectors	1 male + 1 female 3-pin XLR
REMOTE CONTROL	
Connectors	1 male + 1 female XLR parallel / 1 USB B Jack serial converter
AC POWER	
Connector	2 x PowerCon IN/OUT
Operating Range	AC 90V - 264V
PHYSICAL OVERVIEW	
Dimensions	43.0 x 9.4 x 29.5 cm (16.92" x 3.7" x 11.61 ")
Weight	6.4 Kg (13.22 lb)
Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.	

FREQUENT APPLICATIONS

THEME PARKS

AUDITORIUMS, EDUCATION & GOVERNMENT

HOUSES OF WORSHIP

THEATERS & CONCERT HALLS

BROADCAST & STUDIOS

FEATURES



On-Board
Touch Screen



Compatible



Portable System

With ultra-fast setup and dismantling, the high tech, ultra-light powered speaker systems in K-array's Portable Systems line is the perfect audio solution for temporary installations.

By combining the slim and sleek loudspeakers with the compact and powerful subwoofers from our Installed Sound product category, K-array's portable systems give users all the technology from a fixed installation with the convenience of a deployable audio system.

Equipped with conjoining hardware, the Portable Systems line has the capability to fly the line array elements, which can even be calibrated into a banana shape for the most complex applications or stacked atop the subs for the simplest setups.

Varying in size, the systems are ideal for theaters, concert halls, museums and any kind of corporate event. The systems are weatherproof making them a perfect solution for outdoor setups, as well as live shows and spoken word.

Alfa Romeo Spider Duetto (1974)
Galliano, Mugello, Italy



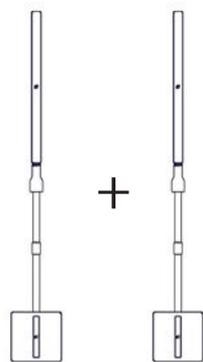




Pinnacle p.158

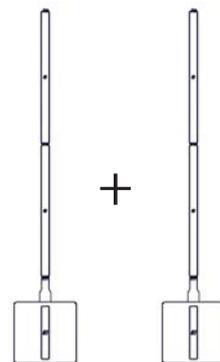
High-tech, ultra-light powered stereo system

Pinnacle-KR102



High-tech, ultra-light powered stereo system

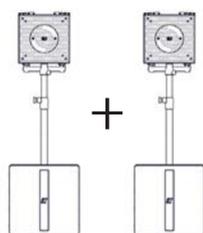
Pinnacle-KR202



Axle p.170

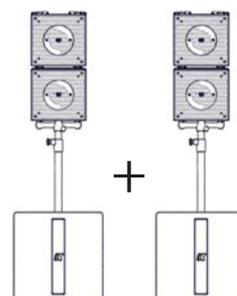
Small format, multi-use powered system

Axle-KRX202



Medium format, multi-use powered system

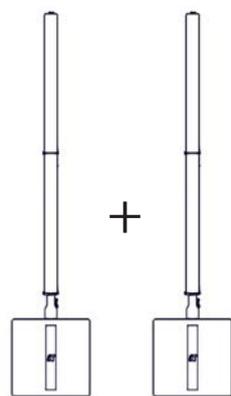
Axle-KRX402





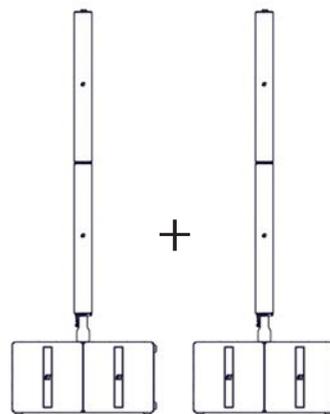
High-tech, ultra-light powered stereo system

Pinnacle-KR402



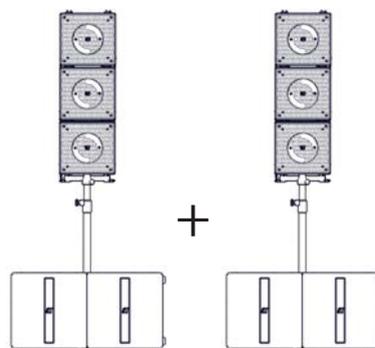
High performance, self-powered stereo system

Pinnacle-KR802



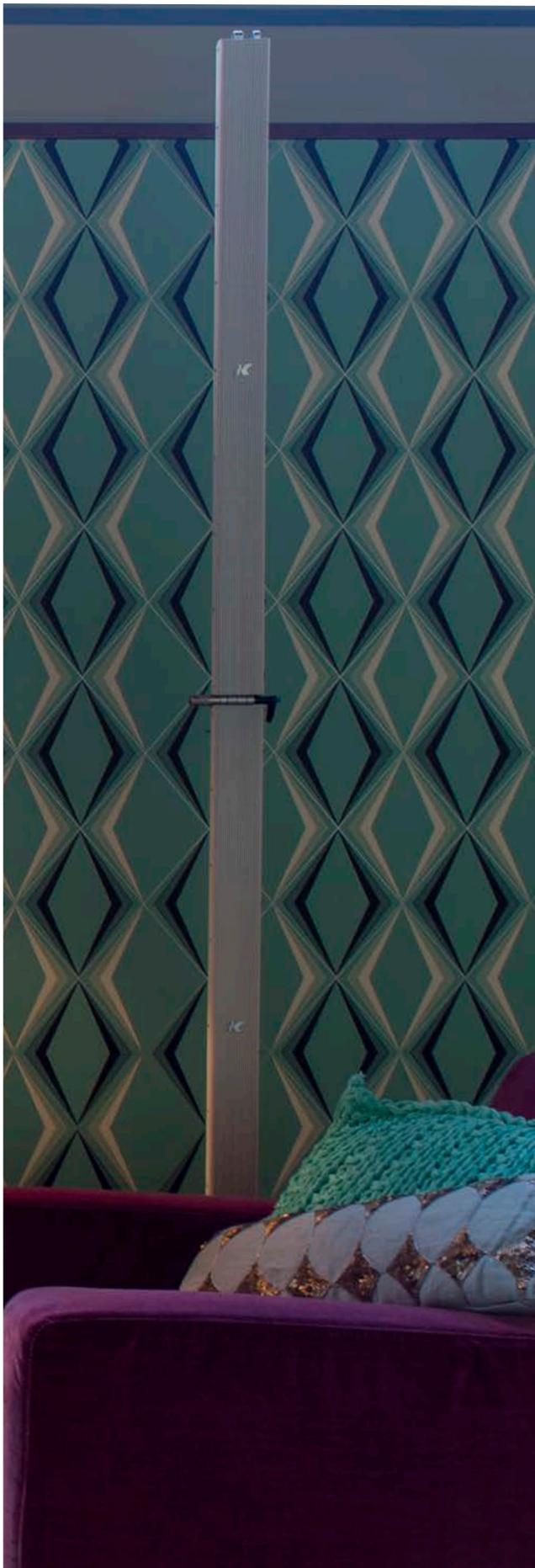
Large format, multi-use powered system

Axle-KRX802



Portable Systems

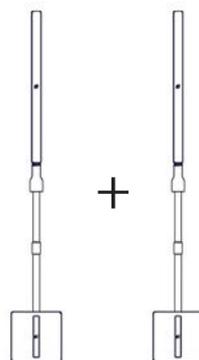




Systems

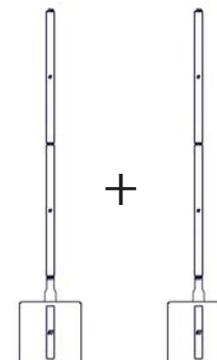
Pinnacle

High-tech ultra-light powered stereo system



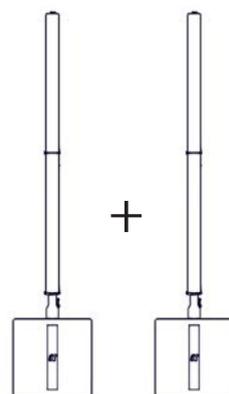
Pinnacle-KR102

32.6 x 222.0-254.0 x 43.5 cm
(12.83" x 87.4" - 100.0" x 17.12")
23.0 kg (50.70 lb) per side



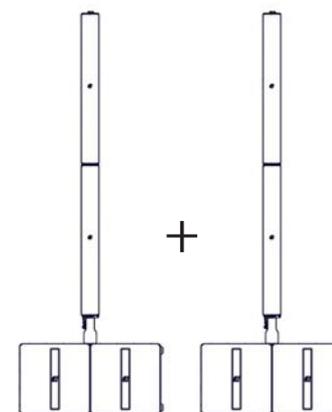
Pinnacle-KR202

46.5 x 269.2 x 59.6 cm
(18.3" x 105.98" x 23.46")
36,8 kg (81.13 lb) per side



Pinnacle-KR402

55.5 x 275.1 x 76.3 cm
(21.85" x 108,3" x 30.03")
73.0 kg (160.9 lb) per side



Pinnacle-KR802

94.9 x 267.5 x 60.0 cm
(37.36" x 105,31" x 23.62")
75.2 kg (165.78 lb) per side

Toscanino Tasting Tuscany,
Florence, Italy

Portable Systems Pinnacle



Pinnacle

High-tech ultra-light powered stereo system

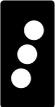
K-array's Pinnacle systems are integrated, self-powered speaker systems and the apex of portable audio. Quick to install and light to handle, the Pinnacle series provides an abundance of time and cost savings while providing the most natural of high quality sound.

Featuring mid-hi line array elements matched to powered subwoofers, the KR102 features a pair of 12" subs and a Kobra loudspeaker; the KR202 is comprised of a pair of 18" subs with two Kobra arrays, and the KR402 features a pair of 21" subs and two Python line arrays. A coupling assembly allows the speakers to be mounted side-by-side, giving the ability to vary the vertical dispersion pattern for narrow to wide coverage.

With the KR802, K-array has developed its most advanced, self-powered portable amplification system ever. The system features a pair of the Kayman mid-hi line array elements per side, matched with a dual 18" powered KMT218 subwoofer.

The Pinnacle line has the ability to fly the line array elements, which can even be calibrated into a banana shape for the most complex applications.

Varying in size, the systems are ideal for theaters, concert halls, museums and every kind of corporate event. The systems are weather proof rendering them a perfect solution for outdoor setups as well as live shows and spoken word.



Pure Array Technology (PAT)

Composed of closely-spaced, full-range sound sources, our line array elements feature Pure Array Technology. With no crossover and no reflex, a perfect phase response is achieved in both the near and far fields, making these

columns the perfect solution to cover long distances uniformly. The narrow vertical coverage minimizes the sound spill towards the ceiling and the floor, thus increasing the intelligibility in highly reverberant environments.

COLORS & PREMIUM FINISHES AVAILABLE



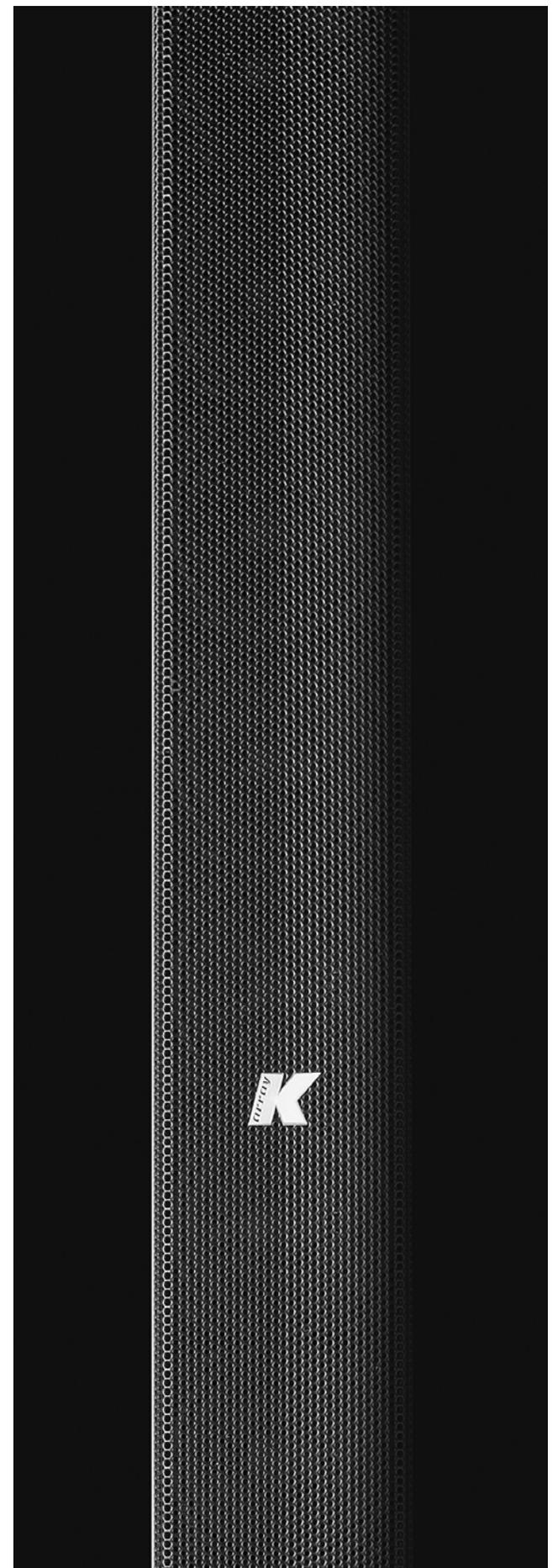
Black



White



Custom







Pinnacle-KR102I

Ultra-light, high-tech powered stereo system

SYSTEM COMPONENTS



SUGGESTED ACCESSORIES

K-BASE2	K-FOOT2
K-DANTE	K-JOINT2
K-FLY2	K-POLE1

FREQUENT APPLICATIONS

- EVENT PRODUCTIONS
- BROADCAST & STUDIOS
- FITNESS & WELLNESS
- HOUSES OF WORSHIP
- CAFES, BISTROS & RESTAURANTS
- RETAIL
- HOTELS
- THEATERS & CONCERT HALLS

FEATURES



Visually Discreet



Lightweight



On-Board Touch Screen



Compatible



Pure Array Technology (PAT)



Pinnacle-KR102I

Ultra-light, high-tech powered stereo system



Rumble-KMT12I		Kobra-KK102I	
ACOUSTICS		ACOUSTICS	
Power handling	700 W ^(AES)	Power handling	400 W ^(AES)
Impedance	8 Ω	Impedance	8Ω or 32Ω (selectable)
Frequency range	40 Hz - 150 Hz ± 3dB (preset relating)	Frequency range	150 Hz - 20 KHz.
Maximum SPL	128 dB continuous - 134 dB peak	Maximum SPL	124 dB continuous - 130 dB peak
COVERAGE		COVERAGE	
Horizontal	Omni°	Horizontal	110°
Vertical	Omni°	Vertical	10° - 35° (selectable)
CROSSOVER		CROSSOVER	
Type	DSP controlled	Type	External Crossover required
Frequency	150 Hz (preset dependent)	Frequency	High pass @150 Hz, 24 dB/oct suggested minimum
TRANSDUCERS		TRANSDUCERS	
Full-range	1 x 12" Neodymium speakers with 3" voice coil	Full-range	16 x 2" Neodymium magnet with 0.75" voice coil
AMPLIFIERS		POWER AUDIO INPUTS	
Type	1 modules class D - DSP controlled	Connectors	2 x 4-pin Speakon
Power	2x1000 Watt @ 8Ω	Wiring	1+ 1- (signal IN & LINK); 2+ 2- (through)
Protection	Dynamic limiter, over current, over temp, short circuits	SELECTION SWITCHES	
PHYSICAL OVERVIEW		Vertical pattern	Spot - Flood
Dimensions	32.6 x 32.7 x 43.5 cm (12.83" x 12.87" x 17.04")	Impedance	16Ω - 64Ω
Weight	15.6 Kg (34.39 lb)	PHYSICAL OVERVIEW	
		Dimensions	5.9 x 100.0 x 8.1 cm (2.93" x 39.37" x 3.18 ")
		Weight	4.8 Kg (10.58 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>			

Portable System Pinnacle



Pinnacle-KR2021

Ultra-light, high-tech powered stereo system

SYSTEM COMPONENTS

2x



Rumble-KMT18I

4x



Kobra-KK102I

2x



K-FOOT2

4x



K-JOINT2

SUGGESTED ACCESSORIES

K-BASE2

K-DANTE

K-FLY2

K-FOOT2

K-JOINT2

K-AMPCOVER

FEATURES



Visually Discreet



Lightweight



On-Board Touch Screen



Compatible



Pure Array Technology (PAT)

FREQUENT APPLICATIONS

FITNESS & WELLNESS

EVENT PRODUCTIONS

BROADCAST & STUDIOS

AUDITORIUMS AND EDUCATION & GOVERNMENT

HOUSES OF WORSHIP

THEATERS & CONCERT HALLS

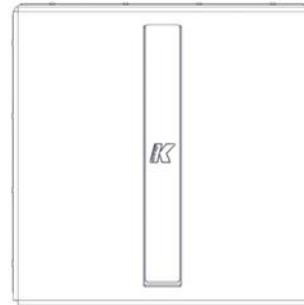
THEME PARKS

TOURING, FESTIVALS, CONCERTS & LIVE EVENTS



Pinnacle-KR2021

Ultra-light, high-tech powered stereo system



Rumble-KMT181		Kobra-KK1021	
ACOUSTICS		ACOUSTICS	
Power handling	800 W ^(AES)	Power handling	400 W ^(AES)
Impedance	8 Ω	Impedance	8Ω or 32Ω (selectable)
Frequency range	30 Hz - 150 Hz ± 3dB (preset relating)	Frequency range	150 Hz - 20 KHz.
Maximum SPL	130 dB continuous - 136 dB peak	Maximum SPL	124 dB continuous - 130 dB peak
COVERAGE		COVERAGE	
Horizontal	Omni°	Horizontal	110°
Vertical	Omni°	Vertical	10° - 35° (selectable)
CROSSOVER		CROSSOVER	
Type	DSP controlled	Type	External Crossover required
Frequency	150 Hz (preset dependent)	Frequency	High pass @150 Hz, 24 dB/oct suggested minimum
TRANSDUCERS		TRANSDUCERS	
Full-range	1 x 18" Neodymium speakers with 3" voice coil	Full-range	16 x 2" Neodymium magnet with 0.75" voice coil
AMPLIFIERS		POWER AUDIO INPUTS	
Type	1 modules class D - DSP controlled	Connectors	2 x 4-pin Speakon
Power	2x1000 Watt @ 8Ω	Wiring	1+ 1- (signal IN & LINK); 2+ 2- (through)
Protection	Dynamic limiter, over current, over temp, short circuits	SELECTION SWITCHES	
PHYSICAL OVERVIEW		Vertical pattern	Spot - Flood
Dimensions	46.5 x 46.5 x 59.6 cm (18.3" x 18.3" x 23.46")	Impedance	16Ω - 64Ω
Weight	27.6 Kg (60.84 lb)	PHYSICAL OVERVIEW	
		Dimensions	5.9 x 100.0 x 8.1 cm (2.93" x 39.37" x 3.18 ")
		Weight	4.8 Kg (10.58 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>			

Portable System Pinnacle



Pinnacle-KR402I

High-tech ultra-light powered stereo system

SYSTEM COMPONENTS



2x

Rumble-KMT211



4x

Python-KP102I



2x

K-FOOT2



4x

K-JOINT2

SUGGESTED ACCESSORIES

K-BASE2

K-DANTE

K-FLY2

K-FOOT2

K-JOINT2

K-AMPCOVER

FEATURES



Visually Discreet



Lightweight



On-Board Touch Screen



Compatible



Pure Array Technology (PAT)

FREQUENT APPLICATIONS

FITNESS & WELLNESS

THEATERS & CONCERT HALLS

TOURING, FESTIVALS, CONCERTS & LIVE EVENTS

AUDITORIUMS, EDUCATION & GOVERNMENT

STADIUMS & SPORT VENUES

EVENT PRODUCTIONS

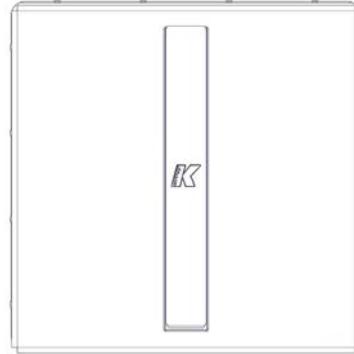
BROADCAST & STUDIOS

THEME PARKS



Pinnacle-KR402I

High-tech ultra-light powered stereo system



Rumble-KMT21I		Python-KP102I	
ACOUSTICS		ACOUSTICS	
Power handling	1600 W ^(AES)	Power handling	720 W ^(AES)
Impedance	4Ω	Impedance	4Ω or 16Ω (selectable)
Frequency range	30 Hz - 150 Hz ± 3dB (preset relating)	Frequency range	120 Hz - 20 KHz.
Maximum SPL	130 dB continuous - 136 dB peak	Maximum SPL	128 dB continuous - 134 dB peak
COVERAGE		COVERAGE	
Horizontal	Omni°	Horizontal	90°
Vertical	Omni°	Vertical	7° - 30° (selectable)
CROSSOVER		CROSSOVER	
Type	DSP controlled	Type	External Crossover required
Frequency	150 Hz (preset dependent)	Frequency	High pass @120 Hz, 24 dB/oct suggested minimum
TRANSDUCERS		TRANSDUCERS	
Full-range	1 x 21" Neodymium speakers with 3" voice coil	Full-range	12 x 3.15" Neodymium magnet with 1" voice coil
AMPLIFIERS		POWER AUDIO INPUTS	
Type	1 modules class D - DSP controlled	Connectors	2 x 4-pin Speakon
Power	2400 Watt @ 4Ω	Wiring	1+ 1- (signal IN & LINK); 2+ 2- (through)
Protection	Dynamic limiter, over current, over temp, short circuits	SELECTION SWITCHES	
PHYSICAL OVERVIEW		Vertical pattern	Spot - Flood
Dimensions	55.5 x 55.5 x 76.3 cm (21.85" x 21.85" x 30.03")	Impedance	4Ω - 16Ω
Weight	44.5 Kg (98.1 lb)	PHYSICAL OVERVIEW	
		Dimensions	8.8 x 100.0 x 11.8 cm (3.46" x 39.37" x 4.64 ")
		Weight	5.8 Kg (26.45 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>			

Portable System Pinnacle



Pinnacle-KR802

Ultra-light, high-tech powered stereo system

SYSTEM COMPONENTS

2x



Rumble-KMT218

4x



Kayman-KY1021

2x



K-FOOT2

4x



K-JOINT2

SUGGESTED ACCESSORIES

K-BASE2

K-DANTE

K-FLY2

K-FOOT2

K-JOINT2

K-AMPCOVER

FEATURES



Visually
Discreet



On-Board
Touch Screen



Compatible



Pure Array
Technology
(PAT)

FREQUENT APPLICATIONS

TOURING, FESTIVALS, CONCERTS & LIVE EVENTS

THEATERS & CONCERT HALLS

NIGHTCLUBS

EVENT PRODUCTIONS

THEME PARKS

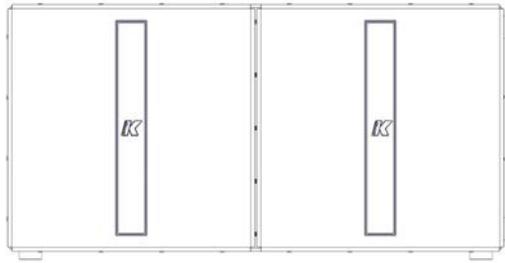
FITNESS & WELLNESS

HOUSES OF WORSHIP

LARGE CONGREGATIONS

Pinnacle-KR802

Ultra-light, high-tech powered stereo system



Rumble-KMT218		Kayman-KY102	
ACOUSTICS		ACOUSTICS	
Power handling	1600 W ^(AES)	Power handling	1200 W ^(AES)
Impedance	4Ω	Impedance	8Ω or 32Ω (selectable)
Frequency range	30 Hz - 150 Hz ± 3dB (preset relating)	Frequency range	90 Hz - 20 kHz (- 3dB)
Maximum SPL	134 dB (cont.) - 140 dB (peak)	Maximum SPL	132 dB (cont.) - 138 dB (peak)
COVERAGE		COVERAGE	
Horizontal	Omni°	Horizontal	90°
Vertical	Omni°	Vertical	7°- 30° (selectable)
CROSSOVER		CROSSOVER	
Type	Internal DSP controlled	Type	External Crossover required
Frequency	Low pass @ 150 Hz (maximum - preset dependent)	Frequency	High pass @ 90 Hz, 24 dB/oct suggested minimum
TRANSDUCERS		TRANSDUCERS	
Full-range	2 X 18" Neodymium magnet woofer with 3" voice coil	Full-range	8 x 4" Neodymium magnet cone drivers with 1.5" voice coil
AMPLIFIERS		POWER AUDIO INPUTS	
Type	1 module class D - DSP controlled	Connectors	2 x 4-pin Speakon
Power	2000 W @ 4 Ω 1% THD + NOISE	Wiring	1+ 1- (signal IN & LINK); 2+ 2- (through)
Protection	Over Temp.(Power Limiting - Thermal Shutdown), Short Circuit/Overload Output Protection, Power Limiting, Clip Limiter/Permane	SELECTION SWITCHES	
PHYSICAL OVERVIEW		Vertical pattern	Spot - Flood
Dimensions	94.9 x 48 x 60.0 cm (37.36" x 18.89" x 23.62")	Impedance	8Ω - 32Ω
Weight	49.0 Kg (108.02 lb)	PHYSICAL OVERVIEW	
		Dimensions	11.6 x 100.0 x 13.4 cm (4.56" x 39.37" x 5.27")
		Weight	14,9 Kg (32.8 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>			

Portable System Pinnacle



Hammock Festival
Gamlestølen Park, Valdres, Norway

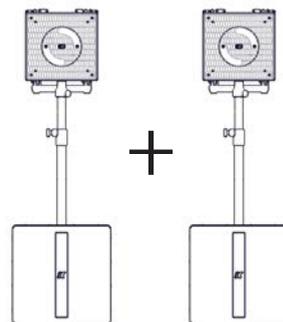




System

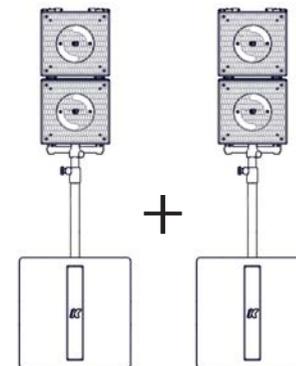
Axle

Multi-use powered system



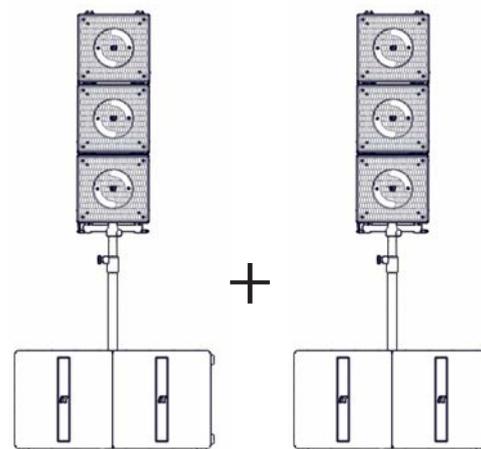
Axle-KRX202

46.5 x 131.5-163.5 x 59.6 cm
 (18.3" x 51,77"- 64.37 x 23.46")
 41.6 kg (91.71 lb) per side



Axle-KRX402

55.5 x 173.7-205.7 x 76.3 cm
 (21.85" x 68,35"- 80.98 x 30.03")
 75.0 kg (165.34 lb) per side



Axle-KRX802

94.9 x 199.1-231.1 x 60.0 cm
 (37.36" x 78,38"- 90.98 x 23.62")
 73.0 kg (160.93 lb) per side

Portable Series Axle



Axle

Multi-use powered system

By combining K-array's Dragon loudspeaker with active K-array subwoofers, the three portable systems in the Axle line are created. Sound on the go, the Axle line is the perfect solution for touring DJs, multi-purpose lounges and clubs; basically, anywhere a lot of pressure is needed close to the speakers.

System features include asymmetrical horizontal and vertical coverage, DSP onboard with dedicated presets and variable angle array design.

The KRX202 is the smallest in the Axle line and is composed of one KX12 standing on an 18" subwoofer

while the KRX402 is comprised of two KX12 speakers paired with one 21" subwoofer. The largest of the three systems is the KRX802. With three KX12 speakers combined with a KMT218 subwoofer, the system converts into a line array that delivers maximum SPL, very low frequency and best bass response. No longer a point source, the KRX802 covers larger distances with higher pressure in larger venues.

All systems can be flown or stacked with dedicated accessories like an extendable pole or brackets for hanging. The easily-adjustable fixed angles and modular capabilities allow for various arrangements of setup.

COLORS & PREMIUM FINISHES AVAILABLE



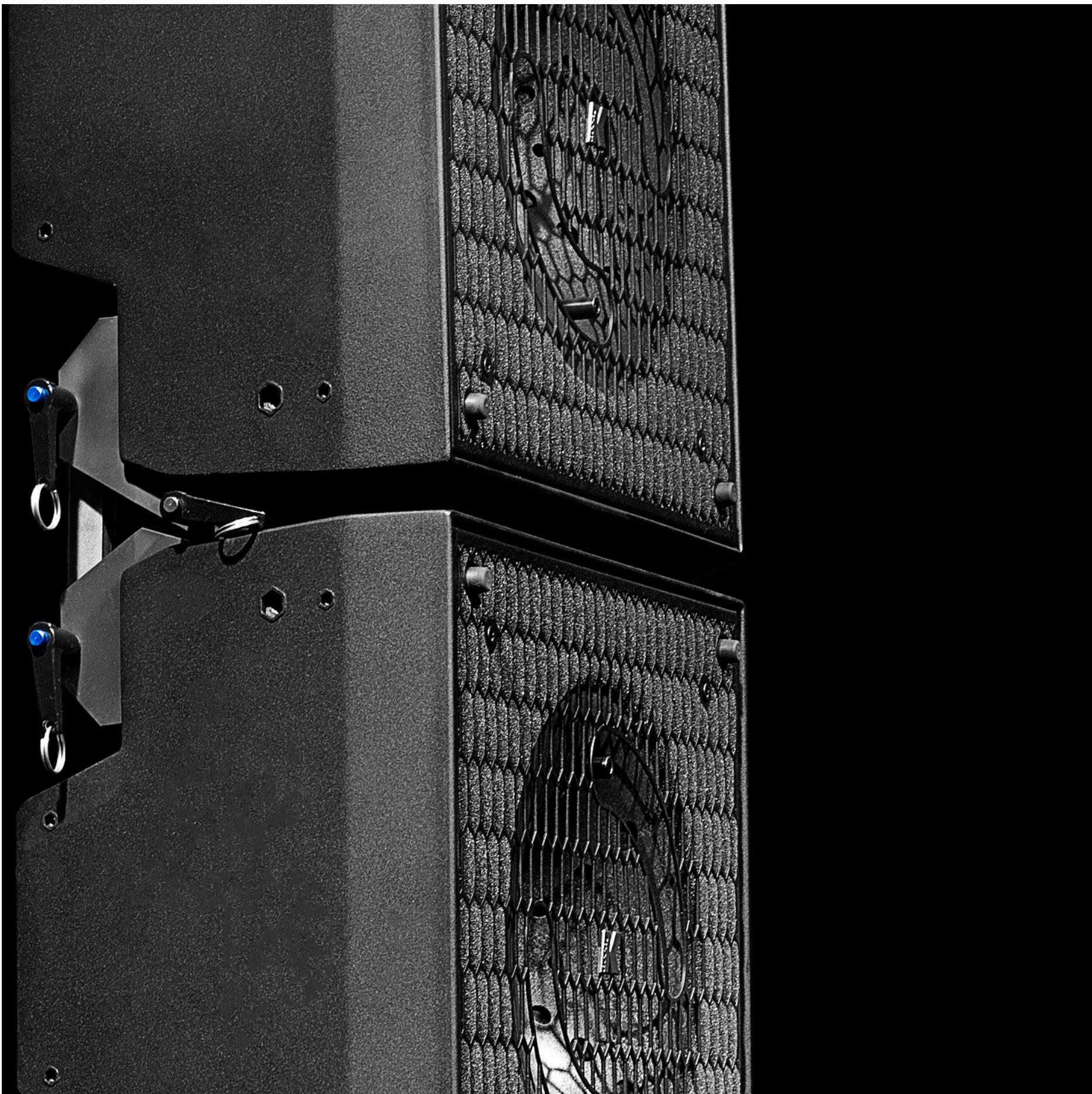
Black



White



Custom





Axle-KRX202

Small format, multi-use
powered system

SYSTEM COMPONENTS

2x



Rumble-KMT18I

2x



Dragon-KX12

2x



K-POLE1

2x



K-FLY22

2x



K-JOINT2B

SUGGESTED ACCESSORIES

K-BASE2

K-USB

K-DANTE

K-AMPCOVER

K-FLY2

K-POLE1

FEATURES



On-Board
Touch Screen



Compatible

FREQUENT APPLICATIONS

FITNESS & WELLNESS

EVENT PRODUCTIONS

BROADCAST & STUDIOS

THEME PARKS

TOURING, FESTIVALS, CONCERTS & LIVE EVENTS

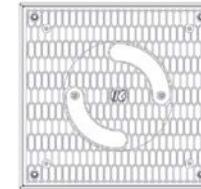
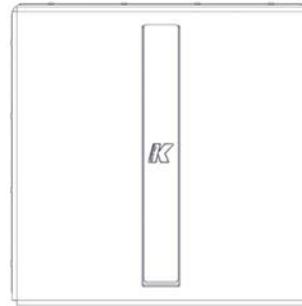
AUDITORIUMS, EDUCATION & GOVERNMENT

NIGHTCLUBS

STADIUMS & SPORT VENUES

Axle-KRX202

Small format, multi-use
powered system



Rumble-KMT18I		Dragon-KX12	
ACOUSTICS		ACOUSTICS	
Power handling	800 W ^(AES)	Power handling	800 + 200 W
Impedance	8 Ω	Impedance	8 Ω
Frequency range	30 Hz - 150 Hz ± 3dB (preset relating)	Frequency range	120 Hz - 19 KHz
Maximum SPL	130 dB continuous - 136 dB peak	Maximum SPL	127 dB continuous - 133 dB peak
COVERAGE		COVERAGE	
Horizontal	Omni°	Horizontal	100°/30° (depending on horn orientation)
Vertical	Omni°	Vertical	30°/100° (depending on horn orientation)
CROSSOVER		CROSSOVER	
Type	DSP controlled	Coaxial	External Crossover required
Frequency	150 Hz (preset dependent)	Frequency	High pass @ 120 Hz, 24 dB/oct suggested minimum
TRANSDUCERS		TRANSDUCERS	
Full-range	1 x 18" Neodymium speakers with 3" voice coil	Full-range	12" Neodymium magnet woofer with 3" voice coil Neodymium magnet compression driver with 2" voice coil
AMPLIFIERS		POWER AUDIO INPUT	
Type	1 modules class D - DSP controlled	Connectors	2 x 4-pin Speakon
Power	2x1000 Watt @ 8Ω	Wiring	1+ 1- (Signal IN & LINK) 2+ 2- (Through)
Protection	Dynamic limiter, over current, over temp, short circuits	RECOMMENDED AMPLIFIERS	
PHYSICAL OVERVIEW		Type	KMT18, KMT21, KMT218, KA84
Dimensions	46.5 x 46.5 x 59.6 cm (18.3" x 18.3" x 23.46")	PHYSICAL OVERVIEW	
Weight	27.6 Kg (60.84 lb)	Dimensions	34.0 x 32.0 x 20.0 cm (13.38"x 12.59"x 7.87")
		Weight	12.2 Kg (26.89 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>			

Portable System Axle



Axle-KRX402

Medium format, multi-use
powered system

SYSTEM COMPONENTS

2x



Rumble-KMT211

4x



Dragon-KX12

2x



K-POLE1

2x



K-FLY22

4x



K-JOINT2B

SUGGESTED ACCESSORIES

K-BASE2

K-USB

K-DANTE

K-AMPCOVER

K-FLY2

K-POLE1

FEATURES



On-Board
Touch Screen



Compatible

FREQUENT APPLICATIONS

TOURING, FESTIVALS, CONCERTS & LIVE EVENTS

FITNESS & WELLNESS

STADIUMS & SPORT VENUES

NIGHTCLUBS

EVENT PRODUCTIONS

BROADCAST & STUDIOS

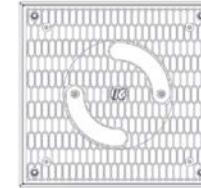
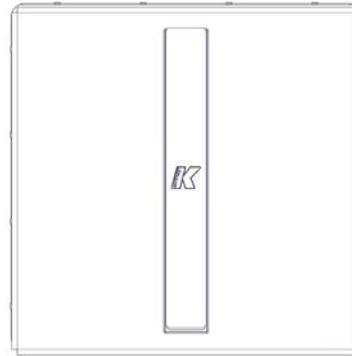
THEME PARKS

THEATERS & CONCERT HALLS



Axle-KRX402

Medium format, multi-use
powered system



Rumble-KMT211		Dragon-KX12	
ACOUSTICS		ACOUSTICS	
Power handling	1600 W (AES)	Power handling	800 + 200 W
Impedance	4Ω	Impedance	8 Ω
Frequency range	30 Hz - 150 Hz ± 3dB (preset relating)	Frequency range	120 Hz - 19 KHz
Maximum SPL	130 dB continuous - 136 dB peak	Maximum SPL	127 dB continuous - 133 dB peak
COVERAGE		COVERAGE	
Horizontal	Omni°	Horizontal	100°/30° (depending on horn orientation)
Vertical	Omni°	Vertical	30°/100° (depending on horn orientation)
CROSSOVER		CROSSOVER	
Type	DSP controlled	Coaxial	External Crossover required
Frequency	150 Hz (preset dependent)	Frequency	High pass @ 120 Hz, 24 dB/oct suggested minimum
TRANSDUCERS		TRANSDUCERS	
Full-range	1 x 21" Neodymium speakers with 3" voice coil	Full-range	12" Neodymium magnet woofer with 3" voice coil Neodymium magnet compression driver with 2" voice coil
AMPLIFIERS		POWER AUDIO INPUT	
Type	1 modules class D - DSP controlled	Connectors	2 x 4-pin Speakon
Power	2400 Watt @ 4Ω	Wiring	1+ 1- (Signal IN & LINK) 2+ 2- (Through)
Protection	Dynamic limiter, over current, over temp, short circuits	RECOMMENDED AMPLIFIERS	
PHYSICAL OVERVIEW		Type	KMT18, KMT21, KMT218, KA84
Dimensions	55.5 x 55.5 x 76.3 cm (21.85" x 21.85" x 30.03")	PHYSICAL OVERVIEW	
Weight	44.5 Kg (98.1 lb)	Dimensions	34.0 x 32.0 x 20.0 cm (13.38"x 12.59"x 7.87")
		Weight	12.2 Kg (26.89 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>			

Portable System Axle

Axle-KRX802

Large format, multi-use
powered system



SYSTEM COMPONENTS

2x



Rumble-KMT218

6x



Dragon-KX12

2x



K-POLE1

2x



K-FLY22

6x



K-JOINT2B

SUGGESTED ACCESSORIES

K-BASE2

K-USB

K-DANTE

K-AMPCOVER

K-FLY2

K-POLE1

FEATURES



On-Board
Touch Screen



Compatible

FREQUENT APPLICATIONS

NIGHTCLUBS

STADIUMS & SPORT VENUES

THEME PARKS

TOURING, FESTIVALS, CONCERTS & LIVE EVENTS

FITNESS & WELLNESS

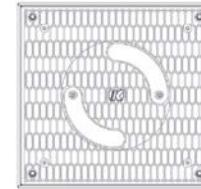
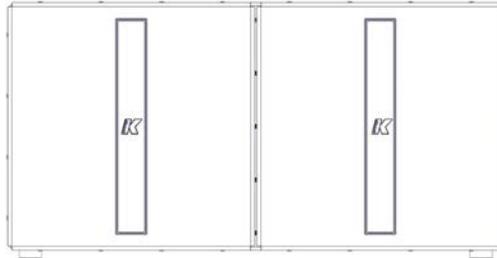
LARGE CONGREGATIONS

THEATERS & CONCERT HALLS

EVENT PRODUCTIONS

Axle-KRX802

Large format, multi-use
powered system



Rumble-KMT218		Dragon-KX12	
ACOUSTICS		ACOUSTICS	
Power handling	1600 W ^(AES)	Power handling	800 + 200 W
Impedance	4Ω	Impedance	8 Ω
Frequency range	30 Hz - 150 Hz ± 3dB (preset relating)	Frequency range	120 Hz - 19 KHz
Maximum SPL	134 dB (cont.) - 140 dB (peak)	Maximum SPL	127 dB continuous - 133 dB peak
COVERAGE		COVERAGE	
Horizontal	Omni°	Horizontal	100°/30° (depending on horn orientation)
Vertical	Omni°	Vertical	30°/100° (depending on horn orientation)
CROSSOVER		CROSSOVER	
Type	Internal DSP controlled	Coaxial	External Crossover required
Frequency	Low pass @ 150 Hz (maximum - preset dependent)	Frequency	High pass @ 120 Hz, 24 dB/oct suggested minimum
TRANSDUCERS		TRANSDUCERS	
Full-range	2 X 18" Neodymium magnet woofer with 3" voice coil	Full-range	12" Neodymium magnet woofer with 3" voice coil
AMPLIFIERS			Neodymium magnet compression driver with 2" voice coil
Type	1 modules class D - DSP controlled	POWER AUDIO INPUT	
Power	2000 W @ 4 Ω 1% THD + NOISE	Connectors	2 x 4-pin Speakon
Protection	Over Temp.(Power Limiting - Thermal Shutdown), Short Circuit/Overload Output Protection, Power Limiting, Clip Limiter/Permane	Wiring	1+ 1- (Signal IN & LINK) 2+ 2- (Through)
PHYSICAL OVERVIEW		RECOMMENDED AMPLIFIERS	
Dimensions	94.9 x 48 x 60.0 cm (37.36" x 18.89" x 23.62")	Type	KMT18, KMT21, KMT218, KA84
Weight	49.0 Kg (108.02 lb)	PHYSICAL OVERVIEW	
		Dimensions	34.0 x 32.0 x 20.0 cm (13.38"x 12.59"x 7.87")
		Weight	12.2 Kg (26.89 lb)

Portable Systems Axle

Concert Series

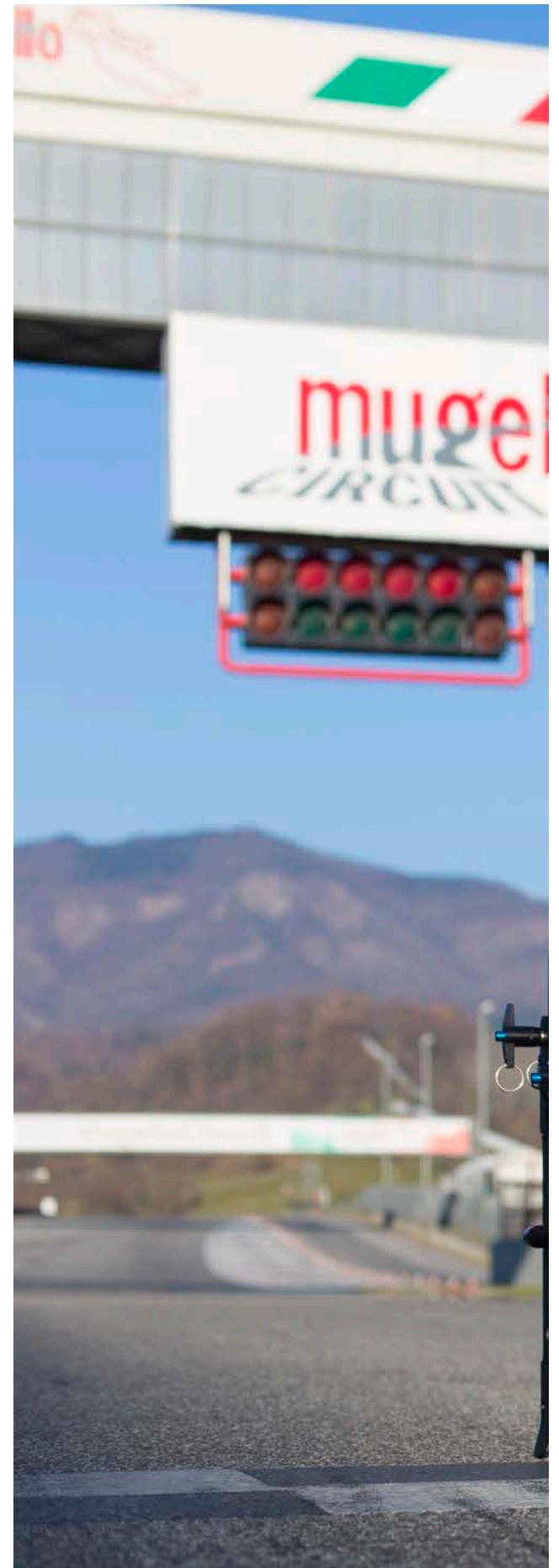
Research conducted over 10 years to develop the next generation of touring systems has been applied to the company's signature product category, Concert Series. This groundwork led to the creation of K-array's unique technologies which are some of the most advanced on the market.

With Slim Array Technology (SAT), the practicality of transporting, the ease of assembly and the overall minimal footprint of the cluster are some of the biggest advantages offered to the user. The main benefit is that the compact design allows for a better impulse response with respect to a diffuser with a voluminous box and controls the horizontal directivity even at medium-low frequencies where traditional line arrays elements tend to be nearly omni-directional.

Another technology, Electronic Beam Steering (EBS), gives the user the ability to digitally adjust the dispersion of a line array and not only ensures the same listening experience to all audience members but, at the same time, limits the noise pollution in the areas where the sound pressure must be kept at a minimum.

The use of FIR filters is the biggest advantage of our digital steering technology since it provides extremely high frequency resolution, which would not be possible using delays and traditional filters. These technological advancements in K-array's Mugello Series and Firenze Systems, along with other important features such as premium materials and impeccable sound quality, put K-array products on the forefront of cutting-edge professional sound reinforcement.

Mugello Circuit Race Track
Scarperia, Mugello, Italy





Mugello p.184

Small format, digitally steerable acoustics, powered line array speakers

Mugello-KH2



Medium format, digitally steerable acoustics, powered line array element

Mugello-KH3



Large format, digitally steerable acoustics, powered line array element

Mugello-KH5



Mugello

Large format, self-powered subwoofer element

Mugello-KS5



Owl p.196

8" coaxial moving audio head with onboard camera monitoring

Owl-KW8



Mastiff p.202

Low-profile, high power stage monitor

Mastiff-KM112

Mastiff-KM112P



Low-profile, high power stage monitor

Mastiff-KM312

Mastiff-KM312P

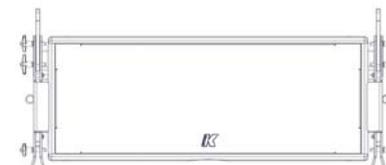




Speakers

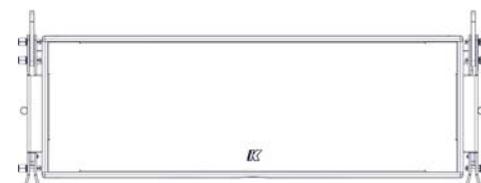
Mugello

Digital acoustic steering,
powered line array element



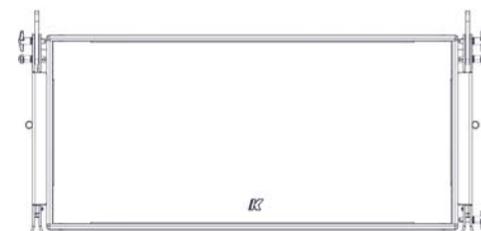
Mugello-KH2

83.9 x 28.5 x 21.0 cm (33.03" x 11.22" x 8.26")
29.0 kg (63.93 lb)



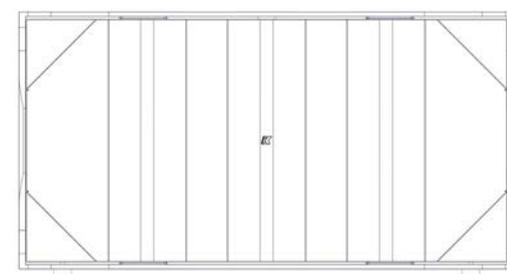
Mugello-KH3

121.8 x 37.0 x 21.0 cm (47.95" x 14.56" x 8.26")
43.6 kg (96.12 lb)



Mugello-KH5

121.8 x 52.0 x 21.0 cm (47.95" x 20.47" x 8.26")
61.0 kg (134.48 lb)



Mugello-KS5

116.2 x 59.0 x 85.0 cm (45.74" x 23.22" x 33.46")
104.4 kg (230.16 lb)

K-Hall Concert Hall
San Piero a Sieve, Mugello, Italy

Concert Series Mugello



Mugello

Digital acoustic steering,
powered line array element

Boasting design elements made in the heart of Tuscany, the Mugello line is K-array's flagship series. With incredibly flat boxes, it's apparent the KH2, KH3 and KH5 are lightweight solutions that save space along with transportation costs. But the biggest takeaways are their impressive power, intelligible control and high quality.

Mugello's compact design allows sound to exit instantaneously without resonance, generating a significant amount of sound pressure in the low and low-mid range which results in a better impulse response and maximum clarity and definition.

In fact, the Mugello line measures up to the highest standards in the professional live sound market, both in sound and quality, providing an exceptional peak output starting

at 136dB SPL for the KH2 to 140dB SPL for the KH5 and improves upon traditional loudspeakers with SAT, which controls polar patterns even at low frequencies and gives off better impulse response.

The Electronic Beam Steering (EBS) features of the line allows the user to direct the sound beam to concentrate the audio in a targeted area or provide continuous, even coverage. Results are maximized with the ability to precisely and independently control each Mugello line array element eliminating noise pollution.

The KH2, KH3 and KH5 together with the with the self-powered KS5 subwoofer, are best suited for high-powered extended bass response applications in arenas, theaters, stadiums, concert halls and outdoor events.

COLORS & PREMIUM FINISHES AVAILABLE



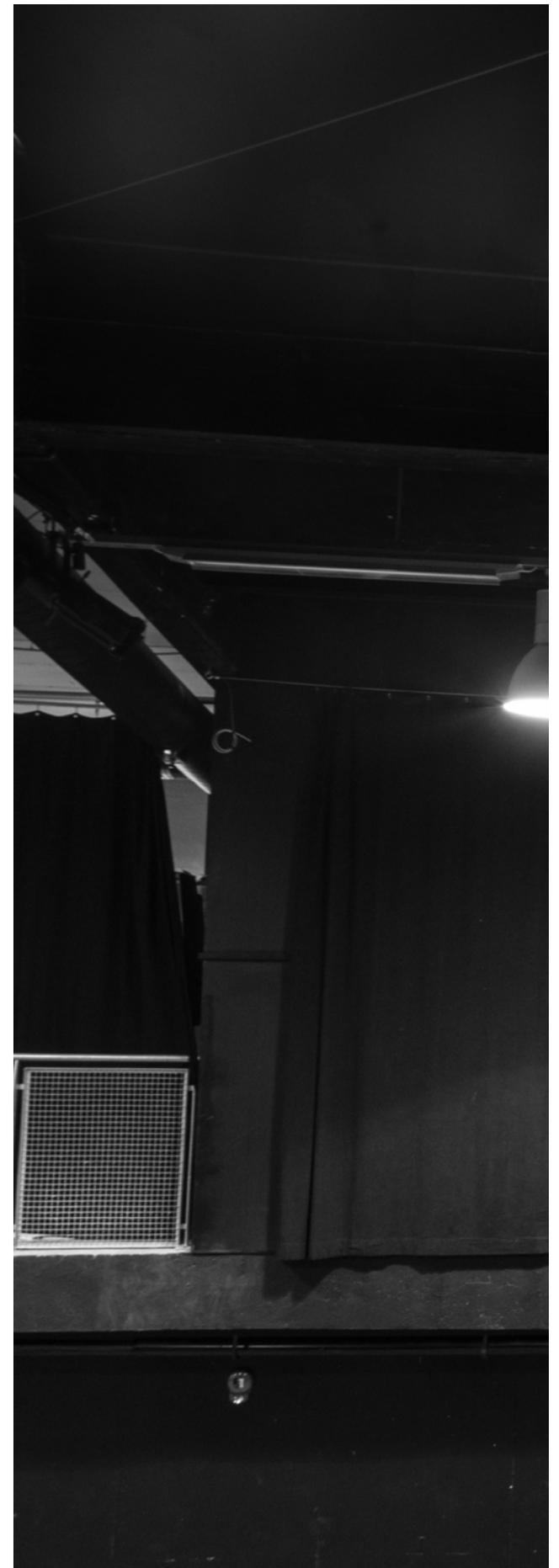
Black



White



Custom





Sekkefabrikken
Slemmestad, Norway





Mugello-KH2

Small format, digital acoustic steering,
powered line array element

ACOUSTICS	
Max Power	2000 W
Frequency range (-10 dB)	70 Hz – 19 KHz
Maximum SPL	130 dB (cont.) – 136 dB (peak)
COVERAGE	
Horizontal	110°
Vertical	10°
TRANSDUCERS	
Type	2 X 8" Neodymium magnet woofer with 2.5" voice coil
Type	2 X 1.4" Compression drivers with 2.5" voice coil
AMPLIFIER	
Type	1 modules class D - DSP controlled
Nominal Power Output	2 X 1000 W @ 8 Ω 1% THD + NOISE
PHYSICAL OVERVIEW	
Dimensions	83.9 x 28.5 x 21.0 cm (33.03" x 11.22" x 8.26")
Weight	29.0 Kg (63.93 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>	

SUGGESTED ACCESSORIES

K-HCBASE2

K-DANTE

K-HCDOLLY2

K-HCFLY2

K-HCFLYST2

K-HCLINK2/35

FEATURES



Visually Discreet



Weather Resistant



On-Board Touch Screen



Compatible



Slim Array Technology (SAT)



Electronic Beam Steering (EBS)

FREQUENT APPLICATIONS

TOURING, FESTIVALS, CONCERTS & LIVE EVENTS

THEATERS & CONCERT HALLS

LARGE CONGREGATIONS

STADIUMS & SPORT VENUES

NIGHTCLUBS

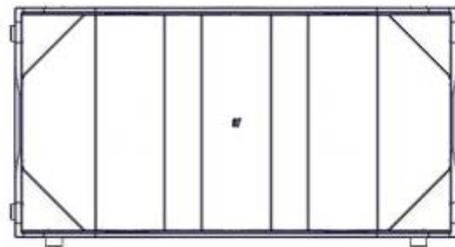
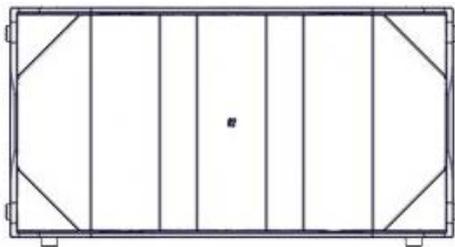
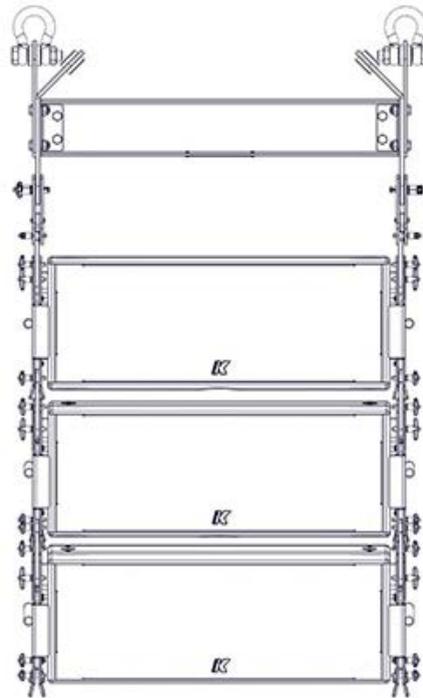
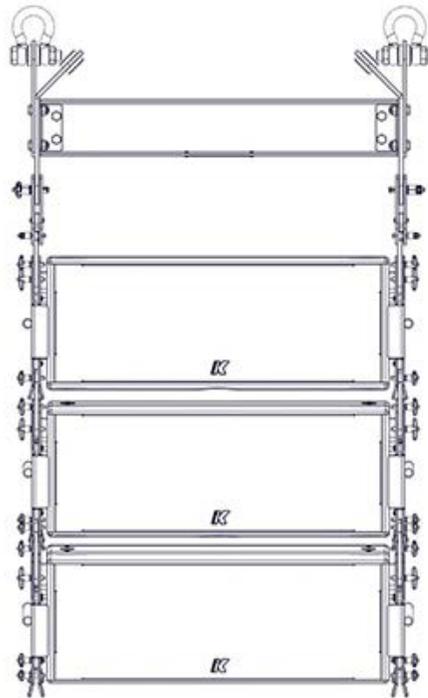
THEME PARKS

EVENT PRODUCTIONS

BROADCAST & STUDIOS

Mugello-KH2SYS6

Small format, digital acoustic steering,
powered line array system



SYSTEM COMPONENTS

2x



K-HCFly2

6x



KH2

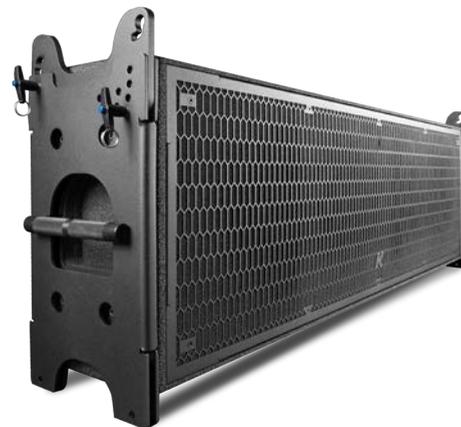
2x



KS5

Mugello-KH3

Medium format, digital acoustic steering,
powered line array element



ACOUSTICS	
Max Power	2500 W
Frequency range (-10 dB)	60 Hz - 19 KHz
Maximum SPL	132 dB (cont.) - 138 dB (peak)
COVERAGE	
Horizontal	110°
Vertical	10° (preset dependent)
TRANSDUCERS	
Type	2 X 12" Neodymium magnet woofer with 2.5" voice coil
Type	2 X 1.4" Compression drivers with 2.5" voice coil
AMPLIFIER	
Type	1 module class D - DSP controlled
Nominal Power Output	2 X 1600 W @ 4 Ω 1% THD + NOISE
PHYSICAL OVERVIEW	
Dimensions	121.8 x 37.0 x 21.0 cm (47.95" x 14.56" x 8.26")
Weight	43.6 Kg (96.12 lb)
Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.	

SUGGESTED ACCESSORIES

K-HCBASE

K-DANTE

K-HCDOLLY

K-HCFLY

K-HCFLYST

K-HCLINK2/35

FEATURES



Visually Discreet



Weather Resistant



On-Board Touch Screen



Compatible



Slim Array Technology (SAT)



Electronic Beam Steering (EBS)

FREQUENT APPLICATIONS

TOURING, FESTIVALS, CONCERTS & LIVE EVENTS

LARGE CONGREGATIONS

THEATERS & CONCERT HALLS

NIGHTCLUBS

STADIUMS & SPORT VENUES

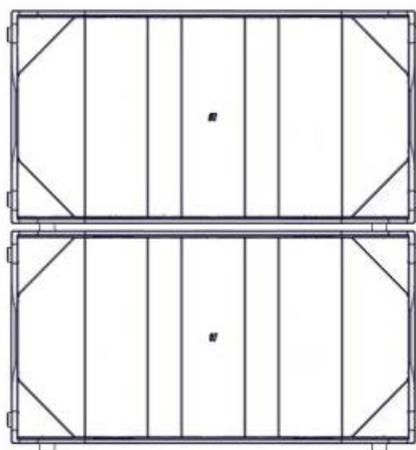
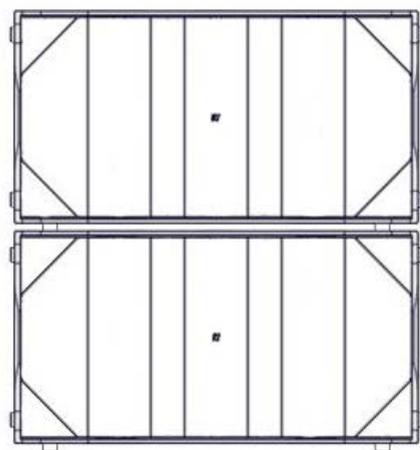
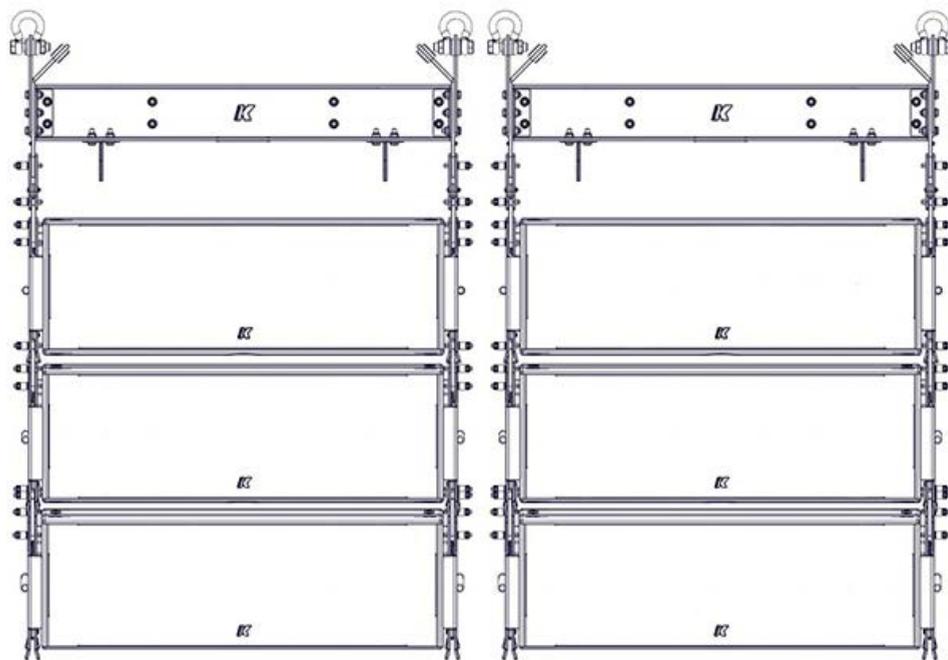
THEME PARKS

AUDITORIUMS, EDUCATION & GOVERNMENT

EVENT PRODUCTIONS

Mugello-KH3SYS6

Medium format, digital acoustic steering,
powered line array system



SYSTEM COMPONENTS



K-HCFLY



KH3



KS5

Mugello-KH5

Large format, digital acoustic steering,
powered line array element



ACOUSTICS	
Max Power	4000 W
Frequency range (-10 dB)	50 Hz - 19 KHz
Maximum SPL	134 dB (cont.) - 140 dB (peak)
COVERAGE	
Horizontal	110°
Vertical	7° to 25° (preset dependent)
TRANSDUCERS	
Type	2 X 15" Neodymium magnet woofer with 2.5" voice coil
Type	4 X 1.4" Compression drivers with 2.5" voice coil
AMPLIFIER	
Type	1 module class D - DSP controlled
Nominal Power Output	4 X 1600 W @ 4 Ω 1% THD + NOISE
PHYSICAL OVERVIEW	
Dimensions	121.8 x 52.0 x 21.0 cm (47.95" x 20.47" x 8.26")
Weight	61.0 Kg (134.48 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>	

SUGGESTED ACCESSORIES

K-HCBASE

K-DANTE

K-HCDOLLY

K-HCFLY

K-HCFLYST

K-HCLINK2/35

FEATURES



Visually Discreet



Weather Resistant



On-Board Touch Screen



Compatible



Slim Array Technology (SAT)



Electronic Beam Steering (EBS)

FREQUENT APPLICATIONS

TOURING, FESTIVALS, CONCERTS & LIVE EVENTS

LARGE CONGREGATIONS

STADIUMS & SPORT VENUES

THEATERS & CONCERT HALLS

BROADCAST & STUDIOS

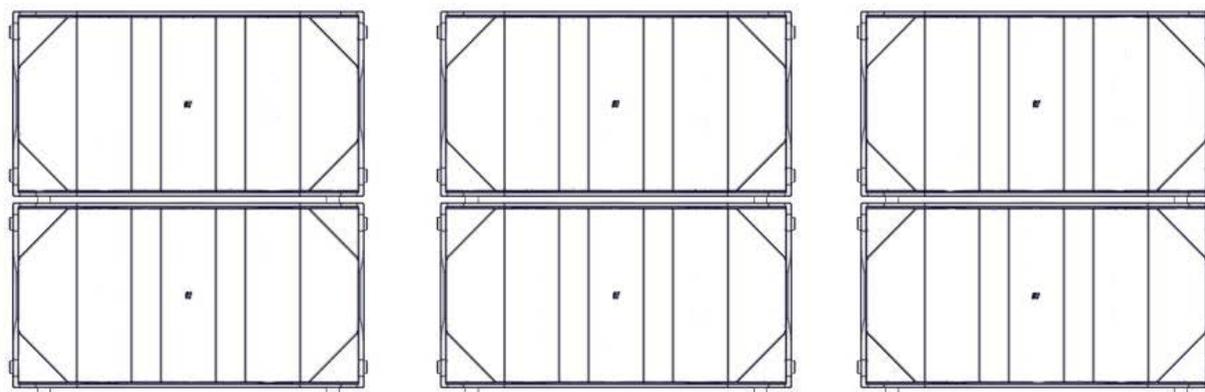
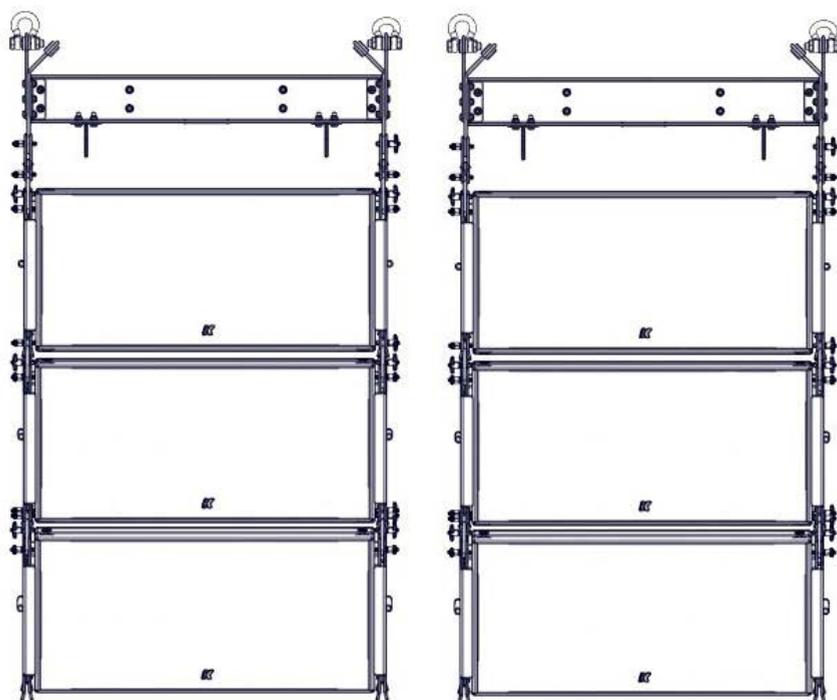
NIGHTCLUBS

THEME PARKS

EVENT PRODUCTIONS

Mugello-KH5SYS6

Large format, digital acoustic steering,
powered line array system



SYSTEM COMPONENTS



K-HCFLY



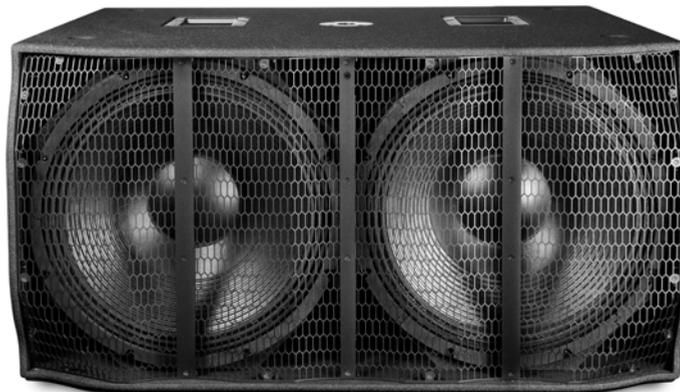
KH5



KS5

Mugello-KS5

Large format, self-powered subwoofer



ACOUSTICS	
Max Power	8000 W
Frequency range (-10 dB)	25 Hz – 120 KHz
Maximum SPL	136 dB (cont.) – 142 dB (peak)
TRANSDUCERS	
Type	2 X 21" Neodymium magnet woofer with 5.5" voice coil
AMPLIFIER	
Type	1 module class D - DSP controlled
Nominal Power Output	2 X 3500 W @ 2 Ω 1% THD + NOISE
PHYSICAL OVERVIEW	
Dimensions	116.2 x 59.0 x 85.0 cm (45.74" x 23.22" x 33.46")
Weight	104.4 Kg (230.16 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>	

SUGGESTED ACCESSORIES

K-POLE1

K-WHEEL

K-DANTE

K-WHEELB

K-USB

K-COVERS5

FEATURES



Weather Resistant



On-Board Touch Screen



Compatible

FREQUENT APPLICATIONS

TOURING, FESTIVALS, CONCERTS & LIVE EVENTS

LARGE CONGREGATIONS

NIGHTCLUBS

STADIUMS & SPORT VENUES

THEATERS & CONCERT HALLS

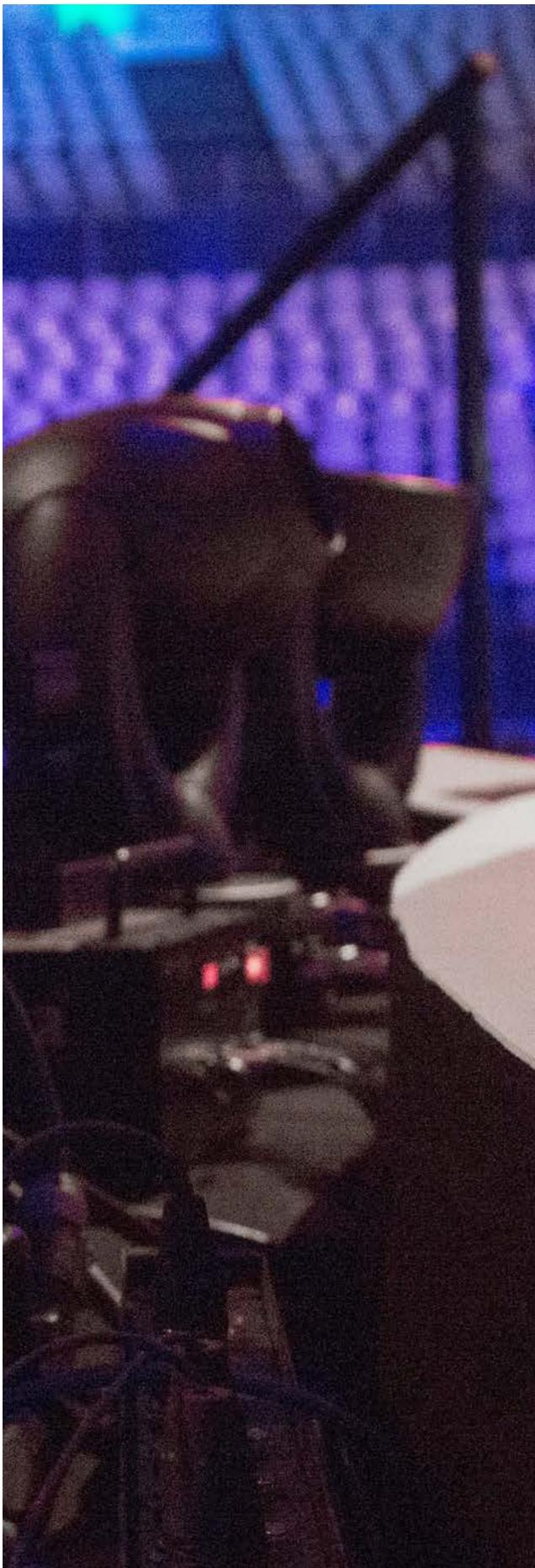
EVENT PRODUCTIONS

THEME PARKS

CINEMAS



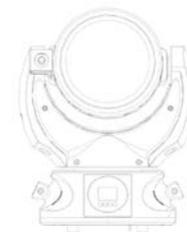




Speakers

OWL

8" coaxial moving audio head with
onboard camera monitoring



Owl-KW8

45.0 x 40.9 x 21.8 cm (17.71" x 16.10" x 8.58")

10.0 kg (22.04 lb)

Concert Series Owl

Herbalife Summit,
PalaLottomatica, Rome, Italy



Owl

8" coaxial moving audio head
with onboard camera monitoring

The Owl-KW8 is one of the first self-powered audio moving heads including a coaxial 8" transducer and a built-in camera to allow users to accurately focus their directivity of sound. This feature bridges the gap between audio and visual in a revolutionary concept.

The Owl provides up to 500W of power, 120dB of SPL (continuous) and a frequency range from 60Hz to 19kHz. The dedicated software has the ability to control the settings, movement, sound and video together, allowing users to create scenes and setups via DMX.

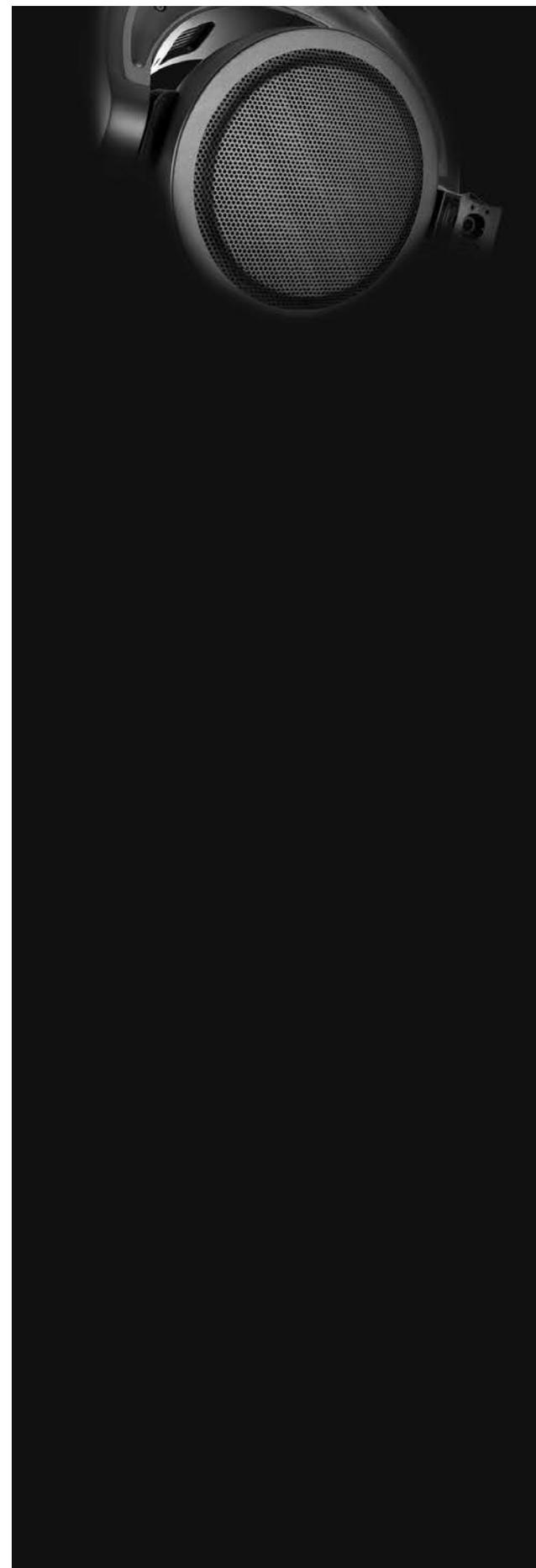
It is a perfect solution for a range of applications including live on-stage monitoring, theme park installations, airports, train stations, DJ effects and theater installations. However, the flexibility of the Owl will offer an almost limitless number of solutions and, in some cases, reduce the amount of speakers required for one installation.

The Owl was designed to be a completely different solution for the most ambitious projects.

COLORS & PREMIUM FINISHES AVAILABLE



Black





Owl-KW8

8" coaxial moving audio head
with onboard camera monitoring



SUGGESTED ACCESSORIES

K-POLE1

K-DANTE

K-USB

K-WHEEL

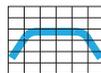
K-WHEELB

K-COVERS5

FEATURES



Selectable
Coverage



Full Range

DMX

DMX
Controllable

FREQUENT APPLICATIONS

THEATERS & CONCERT HALLS

NIGHTCLUBS

BROADCAST & STUDIOS

THEME PARKS

TRANSPORTATION FACILITIES

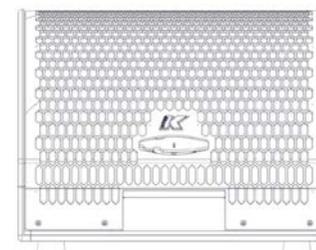




Monitors

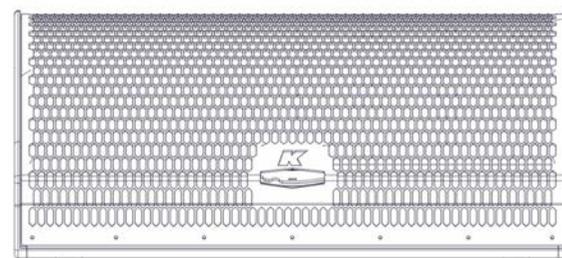
Mastiff

Low-profile, high power stage monitor



Mastiff-KM112 | KM112P

53.0 x 45.0 x 33.5 cm (20.86" x 17.71" x 13.18")
23.0 kg (50.7 lb) KM112 / 17.0 kg (37.47 lb) KM112P



Mastiff-KM312 | KM312P

82.0 x 53.0 x 33.5 cm (20.86" x 32.28" x 13.18")
37.5 kg (82.67 lb) KM312 / 33,5 kg (73.85 lb) KM312P

Concert Series Mastiff

Mastiff

Low-profile, high power stage monitor

Like a loyal guard dog on watch, K-array's Mastiff line of low profile, super powerful monitors keep the situation stable for onstage musicians.

Comprised of the KM312, KM312P, KM112 and KM11P, the Mastiff line produces ultra-low distortion giving vocals and instruments incredible clarity and precise sound. The monitors feature an asymmetrical 100° by 30° horn granting performers the possibility to select a wide or narrow sound emission. And with an incredibly strong stainless steel grill and sturdy birch wood chassis, these monitors are built to withstand any onstage abuse that may incur from the musical acts.

The larger models of the Mastiff line,

the KM312 and the KM312P, are extremely fierce with unquestionable clarity. Featuring three 12" woofers and producing a maximum SPL output at 136 dB (peak), these hard-hitting speakers are ideal for touring, concerts, music festivals and live events in large venues and are perfect for drum monitoring. The Mastiff KM312 is the active model while the Mastiff KM312P is passive.

The Mastiff KM112 and Mastiff KM112P are also potent yet in a smaller, compact form factor. Both models feature a coaxial 12" woofer and reach a maximum SPL of 133 dB (peak). The self-powered KM112 has a power output to drive the KM112P passive version as well as a Thunder KMT18P for a drumfill, making it one of the most versatile monitors on the market!

COLORS & PREMIUM FINISHES AVAILABLE



Black



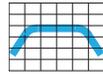




FEATURES



Selectable Coverage



Full Range



On-Board Touch Screen



Compatible



Lightweight

Mastiff-KM112

12" coaxial self-powered, low-profile stage monitor

ACOUSTICS	
Max Power	1200 W
Frequency range (-10 dB)	60 Hz - 19 KHz
Maximum SPL	127 dB (cont.) - 133 dB (peak)
COVERAGE	
Horizontal	100° - 30° (depending on horn orientation)
Vertical	30° - 100° (depending on horn orientation)
TRANSDUCERS	
(Low-mid) Type	1 X 12" Neodymium magnet woofer with 3" voice coil
(High) Type	Neodymium magnet compression driver with 2" voice coil
AMPLIFIER	
Type	1 module class D - DSP controlled
Nominal Power Output	1000W @ 8 Ohm
PHYSICAL OVERVIEW	
Dimensions	53.0 x 45.0 x 33.5 cm (20.86" x 17.71" x 13.18")
Weight	23.0 Kg (50.71 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>	

FREQUENT APPLICATIONS

TOURING, FESTIVALS, CONCERTS & LIVE EVENTS

THEATERS & CONCERT HALLS

LARGE CONGREGATIONS

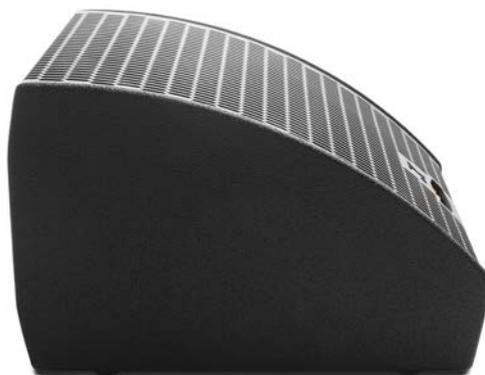
NIGHTCLUBS

BROADCAST & STUDIOS

THEME PARKS

FITNESS & WELLNESS

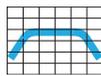
EVENT PRODUCTIONS



FEATURES



Selectable
Coverage



Full Range



Lightweight

Mastiff-KM112P

12" passive 8 ohm stage monitor

ACOUSTICS	
Max Power	1200 W
Frequency range (-10 dB)	60 Hz - 19 KHz
Maximum SPL	127 dB (cont.) - 133 dB (peak)
COVERAGE	
Horizontal	100° - 30° (depending on horn orientation)
Vertical	30° - 100° (depending on horn orientation)
TRANSDUCERS	
(Low-mid) Type	1 X 12" Neodymium magnet woofer with 3" voice coil
(High) Type	Neodymium magnet compression driver with 2" voice coil
RECOMMENDED AMPLIFIER	
Type	KA84
PHYSICAL OVERVIEW	
Dimensions	45.0 x 53.0 x 33.5 cm (17.71" x 20.86" x 13.18")
Weight	17.0 Kg (37.47 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>	

FREQUENT APPLICATIONS

TOURING, FESTIVALS, CONCERTS & LIVE EVENTS

THEATERS & CONCERT HALLS

LARGE CONGREGATIONS

NIGHTCLUBS

BROADCAST & STUDIOS

THEME PARKS

FITNESS & WELLNESS

EVENT PRODUCTIONS

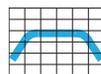
Concert Series Mastiff



FEATURES



Selectable
Coverage



Full Range



On-Board
Touch Screen



Compatible

Mastiffs-KM312

3 x 12" self-powered, high power stage monitor

ACOUSTICS	
Max Power	2000W + 800W + 200W
Frequency range (-10 dB)	62 Hz - 19 KHz
Maximum SPL	130 dB (cont.) - 136 dB (peak)
COVERAGE	
Horizontal	100°-30° (depending on horn orientation)
Vertical	30°-100° (depending on horn orientation)
TRANSDUCERS	
(Low) Type	2 X 12" Neodymium magnet woofer with 2.5" voice coil
(Mid) Type	12" Neodymium magnet woofer with 3" voice coil
(High) Type	Neodymium magnet compression driver with 2" voice coil
AMPLIFIER	
Type	2 module class D - DSP controlled
Nominal Power Output	4 X 1000 W @ 8 Ω
PHYSICAL OVERVIEW	
Dimensions	82.0 x 53.0 x 33.5 cm (20.47" x 47.95" x 8.26")
Weight	37.5 Kg (82.67 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>	

FREQUENT APPLICATIONS

TOURING, FESTIVALS, CONCERTS & LIVE EVENTS

NIGHTCLUBS

LARGE CONGREGATIONS

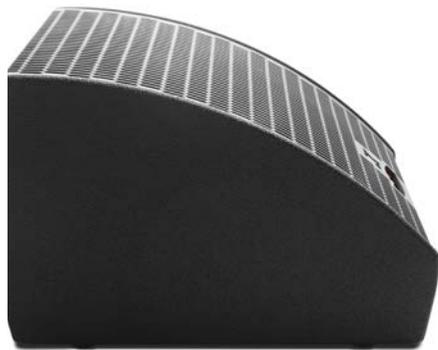
THEATERS & CONCERT HALLS

BROADCAST & STUDIOS

THEME PARKS

Mastiffs-KM312P

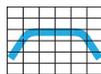
12" passive 8 ohm stage monitor



FEATURES



Selectable
Coverage



Full Range

ACOUSTICS	
Max Power	2000W + 800W + 200W
Frequency range (-10 dB)	62 Hz - 19 KHz
Maximum SPL	130 dB (cont.) - 136 dB (peak)
COVERAGE	
Horizontal	100°-30° (depending on horn orientation)
Vertical	30°-100° (depending on horn orientation)
TRANSDUCERS	
(Low) Type	2 X 12" Neodymium magnet woofer with 2.5" voice coil
(Mid) Type	12" Neodymium magnet woofer with 3" voice coil
(High) Type	Neodymium magnet compression driver with 2" voice coil
RECOMMED AMPLIFIER	
Type	KA84
PHYSICAL OVERVIEW	
Dimensions	82.0 x 53.0 x 33.5 cm (20.47" x 47.95" x 8.26")
Weight	33.5 Kg (73.85 lb)
<p>Notes for data New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.</p>	

FREQUENT APPLICATIONS

TOURING, FESTIVALS, CONCERTS & LIVE EVENTS

NIGHTCLUBS

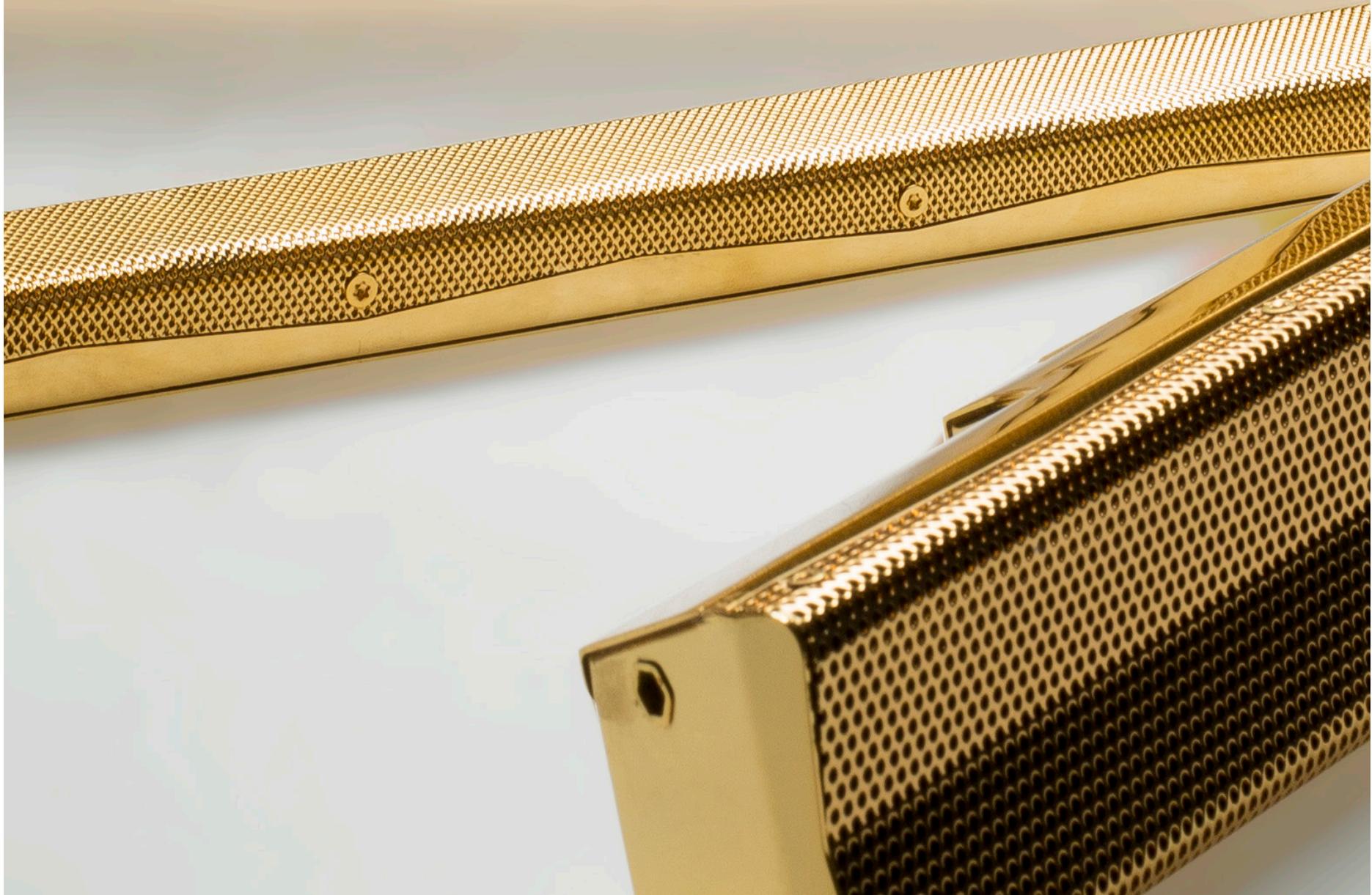
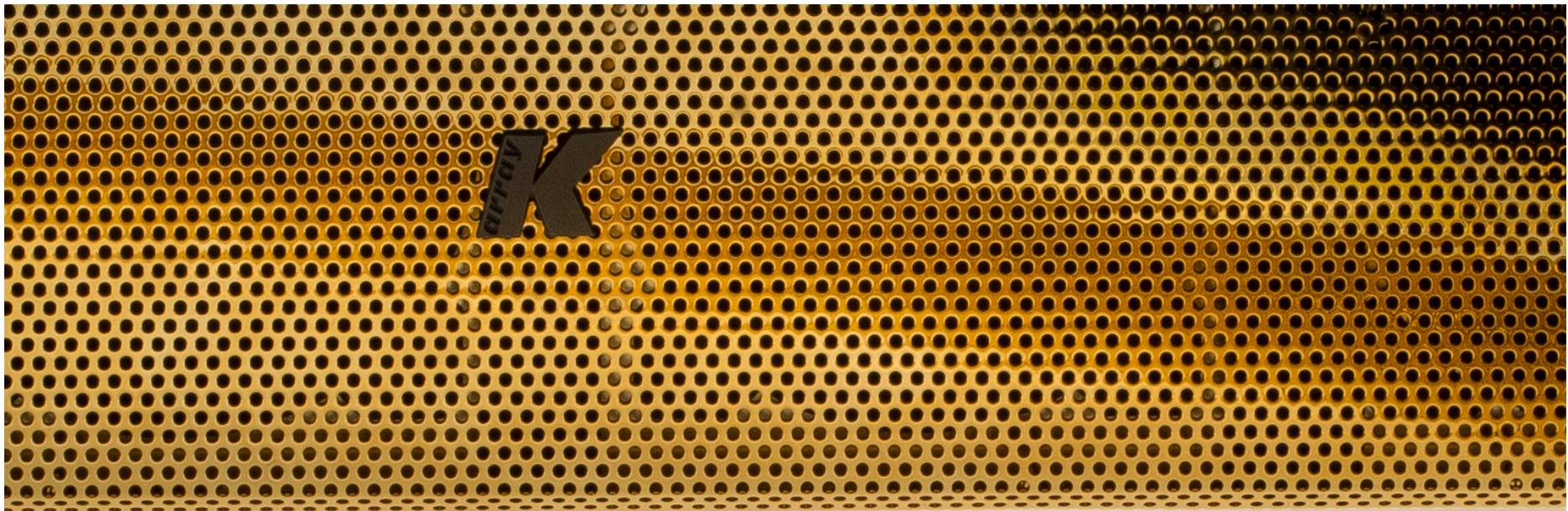
LARGE CONGREGATIONS

THEATERS & CONCERT HALLS

BROADCAST & STUDIOS

THEME PARKS

Concert Series Mastiff



PREMIUM MATERIALS & FINISHES

Customizing your products is a way to add a personal touch to your applications.

K-array utilizes the most durable and resistant materials when developing our products to offer the most reliable solutions on the market. Weatherproof speaker systems made of aluminum and steel make up the frame of all products within the K-array portfolio.

Versatile and efficient, aluminum provides strong structural support without adding excess weight to the products. Naturally generating a protective oxide coating, aluminum is particularly useful for protection and conservation rendering a K-array installation dependable, regardless of the application elements.

Steel is the other functional material K-array implements, which offers corrosion resistance and strength. Stainless steel does not readily corrode, rust or stain with water making those products perfect for aquatic environments as well as traditional settings.

Premium products are also created with high quality luxury finishes made of precious materials, like gold.

Additionally, there are an array of colors and finishes that assist in incorporating the products into various projects. Standard colors are sleek black and an elegant white to make a subtle statement. Also, brushed or polished stainless steel finishes can be selected which give the product a chameleon-like ability to reflect surrounding surfaces and blend in with the background. Our quality sound is available in a variety of distinctive finishes that blend beauty with exceptional performance.



Slim Array Technology (SAT)



Practicality in transporting, ease of assembly and cost savings aren't the only benefits of K-array's unique technology, Slim Array Technology (SAT).

One of the biggest advantages of SAT line arrays is that they show a cardioid dispersion pattern in the mid-low range, where conventional line arrays are almost omnidirectional. This reduces the amount of energy sent towards the stage which typically requires a high volume level of the monitors for the musicians even though it consequently deteriorates the signal-to-noise ratio of the microphones and increases the difficulty in feedback management.

If an orchestra is playing in front of the

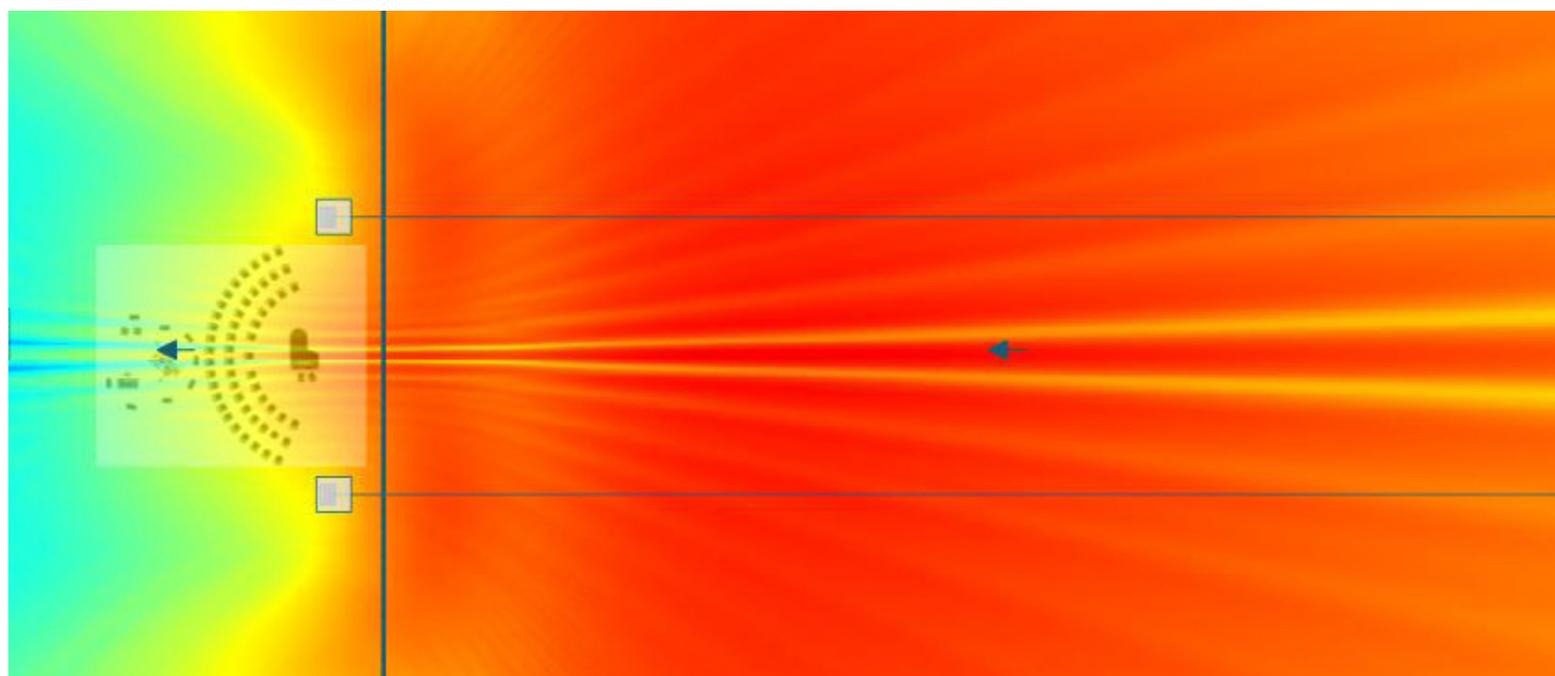
stage, the reduction of mid-low frequencies coming from the PA system results in a bigger amount of gain available before triggering the feedback on the microphones used to pick up the instrument sounds, like the string and the piano.

And for indoor applications, having less energy dispersed in the direction perpendicular to the line array results in a strong reduction of reverberation caused by the reflections on the side walls. Another advantage of SAT is a better impulse response than that of a conventional line array element.

In truth, a directly-radiating bass reflex box uses a resonant air volume that tends to reduce the definition in the low-mid range and does not allow the correct reproduction of fast transients. Instead, SAT's compact

design allows sound to exit instantaneously without resonance, generating a significant amount of sound pressure in the low and low-mid range with a fast transient response. The cardioid dispersion in the low frequencies and an extremely fast impulse response are the true advantages of slim array speakers. The combination of these two factors leads to a significantly better acoustic outcome with respect to the traditional line array elements, particularly in terms of sound definition and noise pollution outside the desired audience areas.

Additionally, the compactness of the speakers benefits the user through the practicality in transporting, the ease of assembly and the overall minimal footprint of the cluster which creates an optimization of space, time and, therefore, total incurred costs for the management of these systems.





Electronic Beam Steering (EBS)



The ability to digitally adjust the dispersion of a line array not only ensures the same listening experience to all audience members but, at the same time, limits the noise pollution in the areas where the sound pressure must be kept at a minimum.

This technique is based on a digital optimization of the interaction between the acoustic waves emitted by each component of the array.

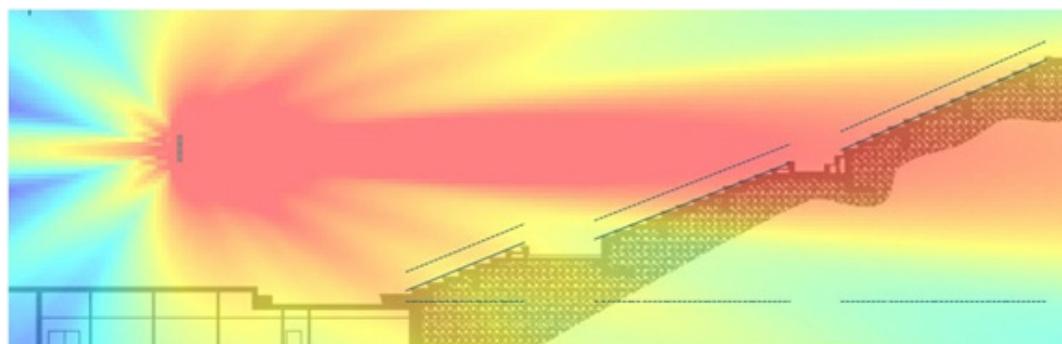
By finely adjusting the phase and the amplitude of the signal sent to each section of the array, it is possible to focus the sound beam on the audience areas and guarantee a consistent tonal balance from the front of the venue to the back.

Since the interaction between the acoustic waves is a process that strongly depends on the frequency, the phase and the amplitude of the signals must be manipulated with a very high resolution in frequency which is why FIR (Finite Impulse Response) filters featuring hundreds of adjustable coefficients are used.

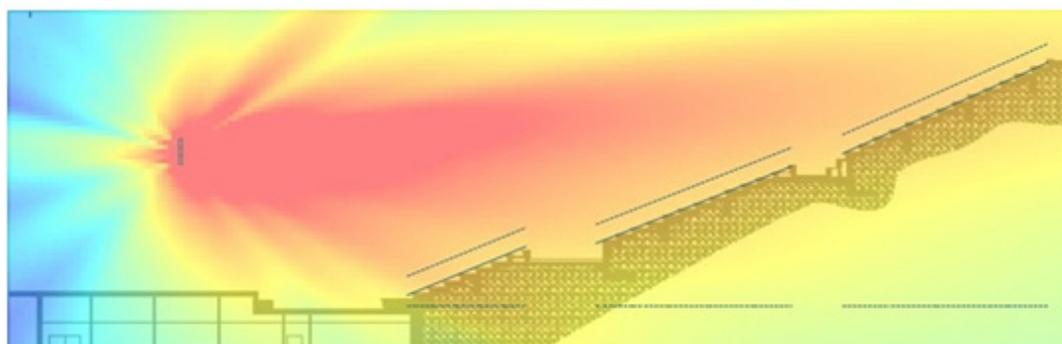
One of the properties that makes these filters ideal for Electronic Beam Steering (EBS) is that they can alter the signal phase at a given frequency without altering the amplitude and vice versa. Because each FIR filter has hundreds of adjustable coefficients, users are able to manipulate the amplitude and phase of a signal with an extremely accurate frequency resolution.

Obviously the calculation of the FIR coefficients is not done by hand, but rather by a powerful software that has the responsibility of optimizing these values to obtain the desired acoustic result.

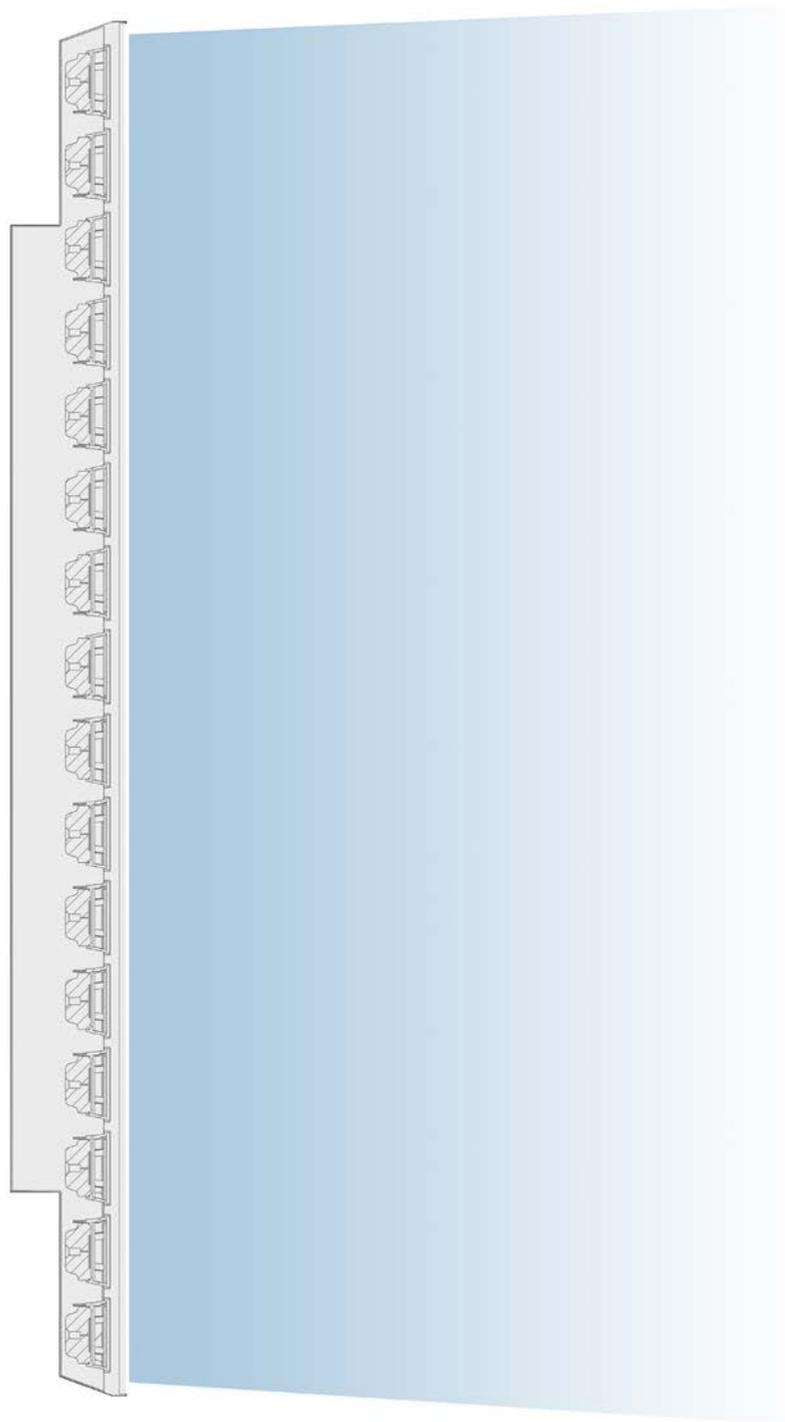
Electronic Beam Steering (EBS) is an important component of K-array's Concert Series and Firenze Systems and, along with other important features such as premium materials and impeccable sound quality, puts K-array products on the forefront of cutting-edge professional sound reinforcement.



Electronic Beam Steering (EBS)-bypassed



Electronic Beam Steering (EBS)-active



Pure Array Technology (PAT)
Composed of closely-spaced, full-range sound sources, our line array elements feature Pure Array Technology (PAT).

With no drivers dedicated to the high frequencies, no bass reflex or passive radiators dedicated to the low end, there are no crossover points and a perfect phase response is achieved in both the near and far fields.

All the sound sources in the array are identical and perfectly coupled producing a true line array with benefit of having the sound beam radiated by the column very wide on the horizontal plane and very narrow on the vertical plane. The amount of energy sent towards the ceiling and the floor is then minimized greatly improving the intelligibility in highly reverberant venues like houses of worship and conference rooms.

Furthermore, such a focused sound beam is able to cover a long distance uniformly. The audience located in front of the array and at the back of the venue will experience the same tonal balance without the need of several delay lines.

With no horns and no waveguides, PAT columns can be joined to create longer arrays. The longer the array, the narrower the sound beam and the further the distance that can be covered uniformly.

Dedicated accessories aid in connecting the columns and tilting at an angle, while dedicated stacking and suspending hardware render the installation quick and easy.

Made from stainless steel with the possibility to customize the appearance with fine finishes and an endless spectrum of color choices, K-array's discreet PAT columns meet the demands of architects, system integrators and rental companies alike who are looking for invisible systems that provide excellent audio quality in sleek form.





Special Thanks

Farmhouse and Factory I Ricci, Vicchio, Mugello, Italy
www.fattoriairicci.it

Mugello Circuit, Scarperia, Mugello, Italy
www.mugellocircuit.it

Pecchioli Ceramics, Borgo San Lorenzo, Mugello, Italy
www.pecchiolifirenze.com

Sporting Borgonovo, San Piero a Sieve, Mugello, Italy
www.sportingborgonuovo.com

Toscanino Tasting Tuscany, Florence, Italy
www.toscanino.com

VKA Vodka, San Piero a Sieve, Mugello, Italy
www.vka.it

Vicari Palace 1306, Scarperia, Mugello, Italy
www.prolocoscarperia.it/palazzo-dei-vicari.html

Villa Le Mozzete, San Piero a Sieve, Mugello, Italy
www.villalemozzete.it

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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