

# PRODUCT COLLECTION

ABRIDGED EDITION  
2017

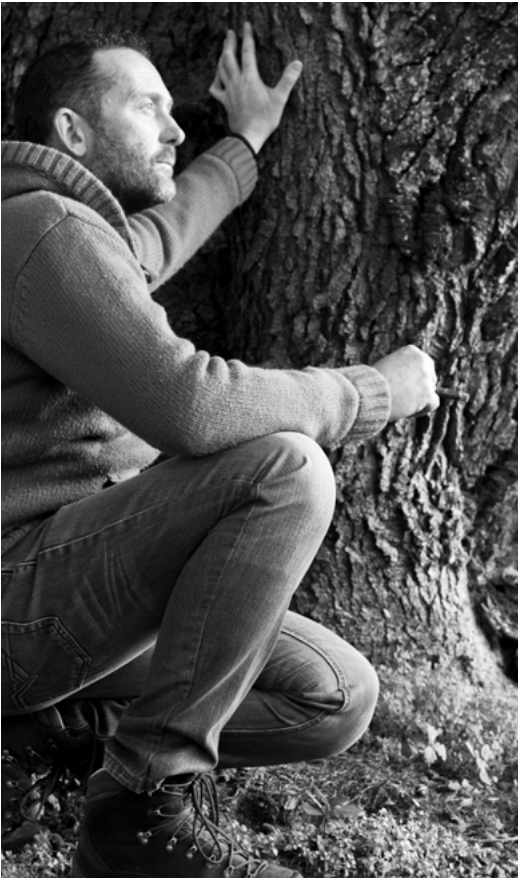


**K**-ARRAY

# 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.



Alessandro Tatini  
Inventor and Designer

We pride ourselves on being unique to the market, inventing solutions never dreamed of before. Whether it be 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.

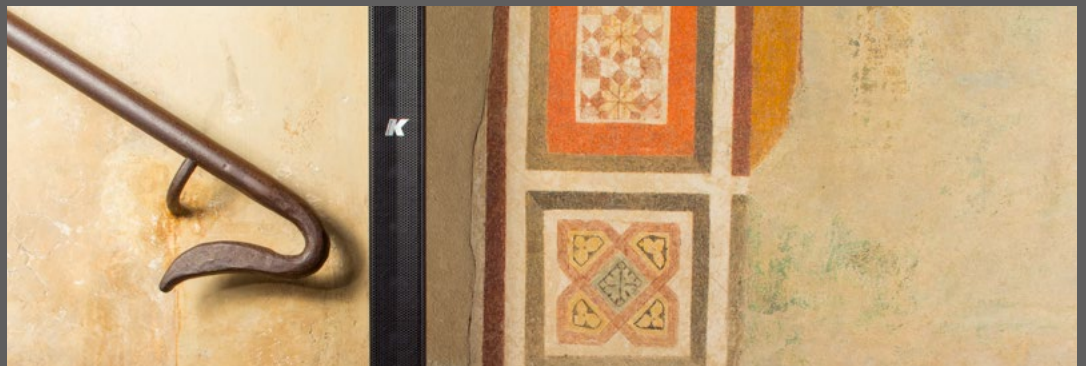
# Product Collection

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

Wide range of sound systems for commercial, institutional and public venues

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## Portable Systems

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

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## Concert Series

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

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# 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 make 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







K



***Lyzard***

Ultra-miniature line array element

**Lyzard-KZ12**



***Piccolo***

Ultra-miniature speakers  
in a home stereo sound system



***Vyper***

Ultra-flat line array element

**Vyper-KV52**



***Kobra***

Stainless steel line array element

**Kobra-KK52I**

**Kobra-KK102I**



***Python***

Stainless steel line array element

**Python-KP52I**

**Python-KP102I**



***Kayman***

Stainless steel line array element

**Kayman-KY102**



***Tornado***

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***

Ultra-slim 12" passive coaxial  
array element

**Dragon-KX12**



***Domino***

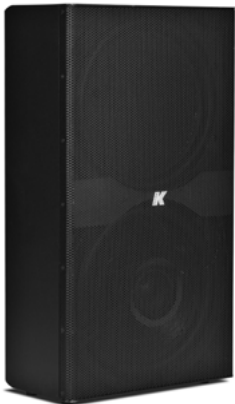
Ultra-compact full-range  
passive speaker

**Domino-KF26**



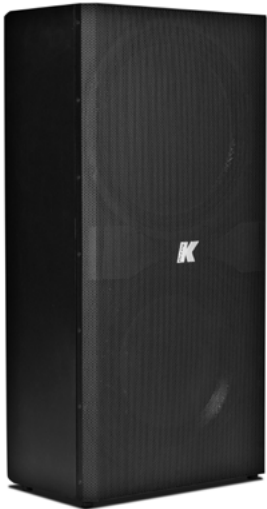
Ultra-compact full-range  
passive speaker

**Domino-KF210**



Ultra-compact full-range  
passive speaker

**Domino-KF212**



**Thunder**

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



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**Rumble**

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**

Flexible array element speaker

**Anakonda-KAN200** (64  $\Omega$ )

**Anakonda-KAN200+** (32  $\Omega$ )

**Anakonda-KAN200+8** (8  $\Omega$ )



Ultra-thin, high-power passive subwoofer

**Rumble-KU212**



## **Turtle**

Low-profile variable coverage speaker

**Turtle-KRM33** Self-powered

**Turtle-KRM33P** Passive



## **Kommander**

All-in-one amplifier and processing solution

**Kommander-KA14** 1000w

**Kommander-KA24** 2000w

**Kommander-KA84** 8000w



# 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



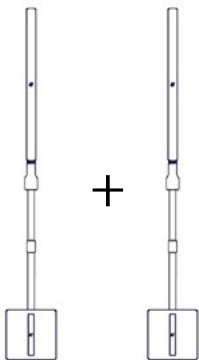




**Pinnacle**

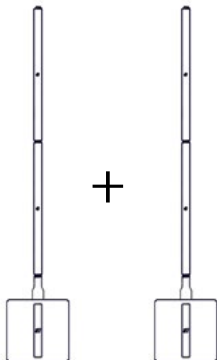
High-tech, ultra-light powered stereo system

Pinnacle-KR102



High-tech, ultra-light powered stereo system

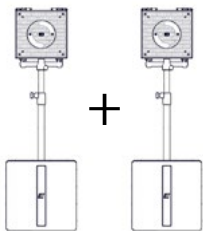
Pinnacle-KR202



**Axle**

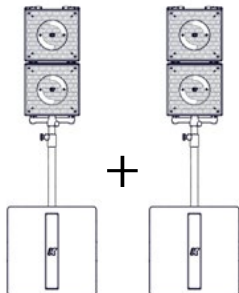
Small format, multi-use powered system

Axle-KRX202



Medium format, multi-use powered system

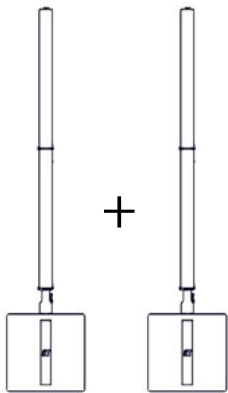
Axle-KRX402





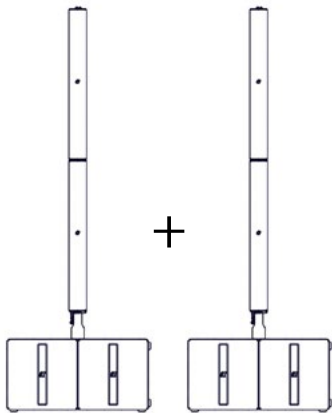
High-tech, ultra-light powered stereo system

**Pinnacle-KR402**



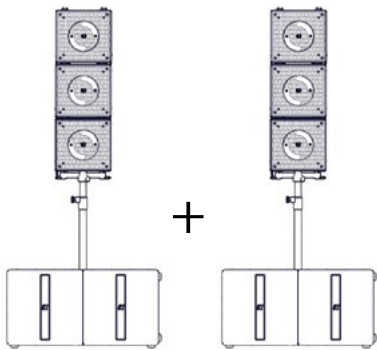
High performance, self-powered stereo system

**Pinnacle-KR802**



Large format, multi-use powered system

**Axle-KRX802**



# 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***

Small format, digitally steerable acoustics, powered line array speakers

Mugello-KH2



Medium format, digitally steerable acoustics, powered line array element

Mugello-KH3



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## ***Mastiff***

Low-profile, high power stage monitor

Mastiff-KM112

Mastiff-KM112P



Low-profile, high power stage monitor

Mastiff-KM312

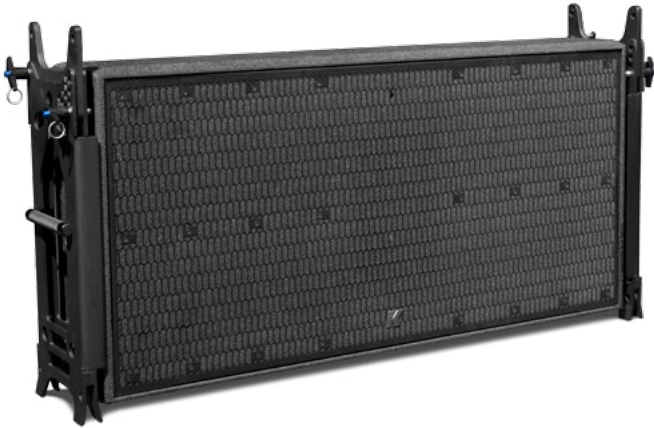
Mastiff-KM312P



## ***Mugello***

Large format, digitally steerable acoustics, powered  
line array element

**Mugello-KH5**



Large format, self-powered subwoofer  
element

**Mugello-KS5**



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## ***Owl***

8" coaxial moving audio head with  
onboard camera monitoring

**Owl-KW8**







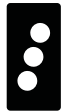
### Slim Array Technology (SAT)

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

The hyper-cardioid dispersion in the low frequencies and an extremely fast impulse response are the true advantages of K-array speakers with SAT. 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 audio speakers benefits the user through the practicality in transporting, the ease of assembly and the overall minimal footprint of the cluster which leads to an optimization of space, time and, therefore, total incurred costs for the management of these systems.



### 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.



### Electronic Beam Steering (EBS)

Thanks to the sound beam optimization through FIR filters and dedicated software, your pro line array speakers have never been so versatile.

The ability to digitally adjust the dispersion of a line array element 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 K-array's Electronic Beam Steering (EBS) since it provides extremely high frequency resolutions, which would not be possible using delays and traditional filters.

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.



## 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 their 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.



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## Visually Discreet

For architectural reasons, a visually discreet audio system may be required. One that can blend into its surrounds without compromising sound quality.

Operating in the heart of Tuscany where architecture has had a profound effect of Italian culture. K-array believes in creating acoustic design elements: invisible solutions that don't diminish the layout of a venue.

As designers, careful thought goes into planning and creating a sleek form factor considering shape, space and function. Requiring a delicate balance of durable materials and advanced technology, the products are designed with a compact chassis so they are easily integrated into any environment.

# K-ARRAY



**Designed and Made in Italy**

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