

# ***Product Collection***

General Catalog 2022

# BECOME THE SOLUTION

Celebrating more than 30 years of pioneering audio technologies, we started our journey in Italy to support all the passionate men and women fully committed to making sound the most emotional part of every experience, whether it was a show in a theatre, a rock festival or creating important soundscapes in workspaces, retails and hotel lobbies.

Just like you, we learned the hard way on the field: managing the sound efficiently, setting up and dismantling heavy equipment not fit for purpose, getting very little sleep on the road and putting thousands of kilometres on the clock. That is why we consciously decided to develop unparalleled premium speakers that made life easier while putting a smile on the face of those who love and appreciate excellent sound.

We always thrived with challenges, so we made it our living and even after 30 years we continue to grow, make and develop products with a pinch of K-array magic aimed at returning sound to its pure form which is invisible to the naked eye by reducing sizes, weights and pushing the boundaries of component performances like never before. We have certainly covered giant steps since we were young ambitious entrepreneurs and with great partners there are no limits to our capabilities.

In the same way, by putting the right tools in the hands of a sound engineer or system integrator, you enable people to live a satisfying and more emotional life, which is the highest and most noble goal we want to achieve.

But big goals cannot be achieved without good partners, friends and peers, so come join the K-array family. Be part of the solution.



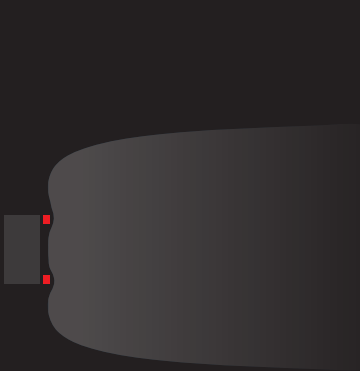
Alessandro



Massimo



# Unique Features & Technologies



Slim  
Array  
Technology

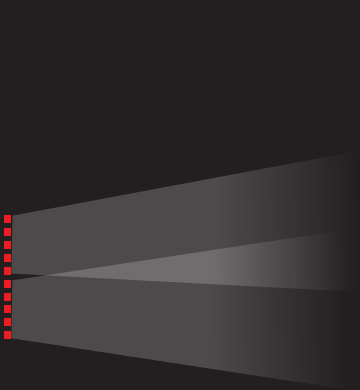
Practicality in transporting, ease of assembly and cost savings aren't the only benefits of K-array's unique technology, Slim Array Technology (SAT).

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.

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.



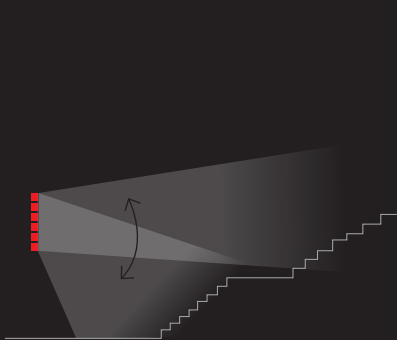
Pure  
Array  
Technology

Composed of closely-spaced, full-range sound sources, all our line array elements feature our innovative 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.



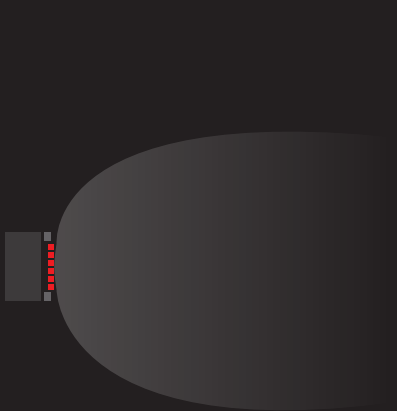
Electronic  
Beam  
Steering

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.

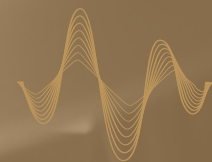
Obviously the calculation of the FIR coefficients is not done by hand, but rather by a powerful software that has the responsibility of optimizing these values to obtain the desired acoustic result.



Advanced  
Bass  
Control

It's well known that a good perception of the low frequencies during a live event is the key for a great musical experience.

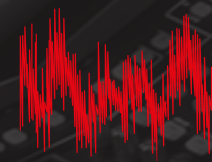
Our new approach to the design of concert sound systems, guarantees an optimal control of the bass distribution over the audience areas, minimizing the SPL variations in the very critical octave 60-120 Hz.



# ARCHITECTURAL SOLUTIONS

WE GIVE SPACE  
TO YOUR SPACE

K-array's architectural solutions deliver an unparalleled blend of high performance and premium aesthetics that minimizes the size and number of speakers you need for an optimal sound experience in any specific environment.



# LIVE SOUND PRO

THE DIFFERENCE IN BEING  
AND BEING ON DISPLAY

We create innovative alternatives for you, artists, performers and sound engineers in the live sound sector by developing increasingly slim and compact products with a very high sound performance. The sound comes in all its purity.

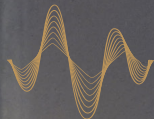




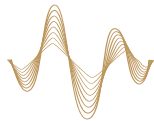


**Azimut**

A complete solution in a minimalist design package







**Azimut**

A complete solution in a minimalist design package

SYSTEMS



Restaurants  
and Cafes



Hotels  
and Resorts



Retail



Museums  
and Exhibitions



Residential



WI-FI



USB

MULTIMEDIA PLAYER



ETHERNET



OPTICAL  
INPUT



Bluetooth



Spotify

### Azimut-KAMUT2L1

#### Lyizard-KZ1 | Speaker

General	
Type	Point source
Transducers	0.5" neodymium magnet woofer
Frequency Response	500 Hz ~ 18 kHz (-6 dB)
Max SPL	86 dB (peak)
Rated Power	3.5 W
Coverage	V. 140°   H. 140°
Connectors	IN+ IN- screw terminals
Nominal Impedance	16 Ω
Handling & Finishes	
Dimensions (WxHxD)	22 x 37 x 11 mm (0.9 x 1.5 x 0.4 in)
Weight	0.021 kg (0.046 lb)
Material	Aluminum
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished
IP Rating	IP64

#### Truffle-KTR24 | Subwoofer

General	
Type	Passive subwoofer
Transducers	4" woofer + passive radiator
Frequency Response	45 Hz - 150 / 500 Hz (-6 dB)
Max SPL	112 dB (peak)
Rated Power	60 W
Coverage	Omni
Connectors	2PIN euroblock connector (included)
Nominal Impedance	4 Ω
Handling & Finishes	
Dimensions (WxHxD)	122 x 117 x 199 mm (4.8 x 4.6 x 7.8 in)
Weight	1.5 kg (3.31 lb)
Material	Aluminum
Colors	Black
Finishes	Powder Matte
IP Rating	IP64

#### Kommander-KA02 | Amplifier

For technical specifications, see page 38

The product performance data shown here is a first reference. We strongly advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)

COLORS



Black



White



Custom RAL

FINISHES



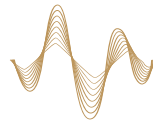
24K Gold



Polished



Pure  
Array  
Technology



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SYSTEMS



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Bluetooth



Spotify

### Azimut-KAMUT2L14

#### Lyizard-KZ14 | Speaker

General	
Type	Line array
Transducers	4 x 0.5" neodymium magnet woofers
Frequency Response	500 Hz ~ 18 kHz (-6 dB)
Max SPL	98 dB (peak)
Rated Power	15 W
Coverage	V. 40°   H. 140°
Connectors	IN+ IN- screw terminals
Nominal Impedance	16 Ω
Handling & Finishes	
Dimensions (WxHxD)	22 x 100 x 11 mm (0.9 x 3.9 x 0.4 in)
Weight	0.059 kg (0.130 lb)
Material	Aluminum
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished
IP Rating	IP64

#### Truffle-KTR25 | Subwoofer

General	
Type	Passive subwoofer
Transducers	5.25" woofer + passive radiator
Frequency Response	45 Hz - 150 / 500 Hz (-6 dB)
Max SPL	115 dB (peak)
Rated Power	80 W
Coverage	Omni
Connectors	2PIN euroblock connector (included)
Nominal Impedance	4 Ω
Handling & Finishes	
Dimensions (WxHxD)	152 x 147 x 258 mm (6.0 x 5.8 x 10.2 in)
Weight	2.5 kg (5.51 lb)
Material	Aluminum
Colors	Black
Finishes	Powder Matte
IP Rating	IP64

#### Kommander-KA02 | Amplifier

For technical specifications, see page 38

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COLORS



Black



White



Custom RAL

FINISHES

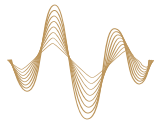


24K Gold



Polished





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USB

MULTIMEDIA PLAYER



ETHERNET



OPTICAL  
INPUT



Bluetooth



Spotify

### Azimut-KAMUT2V25

#### Vyper-KV25 | Speaker

General	
Type	Line array
Transducers	4 x 1" neodymium magnet woofers
Frequency Response	150 Hz – 18 kHz (-6 dB)
Max SPL	108 dB (peak)
Rated Power	75 W
Coverage	V. 25°   H. 140°
Connectors	2PIN euroblock connector (included)
Nominal Impedance	8 Ω / 32 Ω selectable
Handling & Finishes	
Dimensions (WxHxD)	40 x 260 x 22 mm (1.6 x 10.2 x 0.9 in)
Weight	0.4 kg (0.88 lb)
Material	Aluminum
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64

#### Truffle-KTR26 | Subwoofer

General	
Type	Passive subwoofer
Transducers	6.5" woofer + passive radiator
Frequency Response	45 Hz - 150 / 500 Hz (-6 dB)
Max SPL	120 dB (peak)
Rated Power	100 W
Coverage	Omni
Connectors	2PIN euroblock connector (included)
Nominal Impedance	2 Ω
Handling & Finishes	
Dimensions (WxHxD)	182 x 176 x 341 mm (7.1 x 6.9 x 13.4 in)
Weight	3.5 kg (7.72 lb)
Material	Aluminum
Colors	Black
Finishes	Powder Matte
IP Rating	IP64

#### Kommander-KA02 | Amplifier

For technical specifications, see page 38

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COLORS



Black



White



Custom RAL

FINISHES



24K Gold



Polished



Brushed



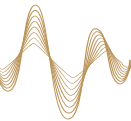
Pure  
Array  
Technology



Pure  
Array  
Technology

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WI-FI



USB

MULTIMEDIA PLAYER



ETHERNET



OPTICAL  
INPUT



Bluetooth



Spotify

### Azimut-KAMUT2L

#### Lizard-KZ14 | Speaker

General	
Type	Line array
Transducers	4 x 0.5" neodymium magnet woofers
Frequency Response	500 Hz – 18 kHz (-6 dB)
Max SPL	98 dB (peak)
Rated Power	15 W
Coverage	V. 40°   H. 140°
Connectors	IN+   IN- screw terminals
Nominal Impedance	16 Ω
Handling & Finishes	
Dimensions (WxHxD)	22 x 37 x 11 mm (0.9 x 1.5 x 0.4 in)
Weight	0.021 kg (0.046 lb)
Material	Aluminum
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished
IP Rating	IP64

The product performance data shown here is a first reference. We strongly advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)

#### Rumble-KU44-2 | Subwoofer

General	
Type	Passive subwoofer
Transducers	2 x 4" neodymium magnet woofers
Frequency Response	2 x 4" passive radiators"
Max SPL	45 Hz - 150 / 500 Hz (-6 dB)
Rated Power	116 dB (peak)
Coverage	120 W
Connectors	2PIN euroblock connector (included)
Nominal Impedance	2 Ω
Handling & Finishes	
Dimensions (WxHxD)	500 x 116 x 100 mm (19.7 x 4.6 x 4.0 in) (3)
Weight	5.9 kg (13.0 lb)
Material	Stainless Steel
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64 (4)

#### Kommander-KA02 | Amplifier

For technical specifications, see page 38

COLORS



Black



White



Custom RAL



24K Gold



Polished







**Lyzard**

Ultra-miniature aluminum line array element



SPEAKERS



Restaurants  
and Cafes



Hotels  
and Resorts



Retail



Museums  
and Exhibitions



Residential



Yachting



**Lyzard-KZ1**

General	
Type	Point source
Transducers	0.5" neodymium magnet woofer
Frequency Response	500 Hz - 18 kHz (-6 dB)
Max SPL	86 dB (peak)
Rated Power	3.5 W
Coverage	V. 140°   H. 140°
Connectors	IN+ IN- screw terminals
Nominal Impedance	16 Ω
Handling & Finishes	
Dimensions (WxHxD)	22 x 37 x 11 mm (0.9 x 1.5 x 0.4 in)
Weight	0.021 kg (0.046 lb)
Material	Aluminum
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished
IP Rating	IP64

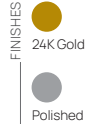
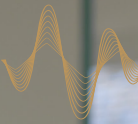
**Lyzard-KZ14**

General	
Type	Line array
Transducers	4 x 0.5" neodymium magnet woofers
Frequency Response	500 Hz - 18 kHz (-6 dB)
Max SPL	98 dB (peak)
Rated Power	15 W
Coverage	V. 40°   H. 140°
Connectors	IN+ IN- screw terminals
Nominal Impedance	16 Ω
Handling & Finishes	
Dimensions (WxHxD)	22 x 100 x 11 mm (0.9 x 3.9 x 0.4 in)
Weight	0.059 kg (0.130 lb)
Material	Aluminum
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished
IP Rating	IP64

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**Lyzard**

Ultra-miniature aluminum line array element







**Vyper**

Ultra-flat aluminum line array element



SPEAKERS



Restaurants  
and Cafes



Houses  
of Worship



Broadcast  
and Studios



Boardrooms  
and Conference  
Rooms



Yachting



**Vyper-KV25**

General	
Type	Line array
Transducers	4 x 1" neodymium magnet woofers
Frequency Response	150 Hz – 18 kHz (-6 dB)
Max SPL	108 dB (peak)
Rated Power	75 W
Coverage	V. 25°   H. 140°
Connectors	2PIN euroblock connector (included)
Nominal Impedance	8 Ω / 32 Ω selectable
Handling & Finishes	
Dimensions (WxHxD)	40 x 260 x 22 mm (1.6 x 10.2 x 0.9 in)
Weight	0.4 kg (0.88 lb)
Material	Aluminum
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64



**Vyper-KV52 I**

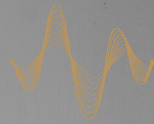
General	
Type	KV52 Line array   KV52F Point Source
Transducers	8 x 1" neodymium magnet woofers
Frequency Response	150 Hz – 18 kHz (-6 dB)
Max SPL	114 dB (peak)
Rated Power	150 W
Coverage	KV52 V. 10°   H. 140°   KV52F V. 120°   H. 140°
Connectors	2PIN euroblock connector (included)
Nominal Impedance	16 Ω / 64 Ω selectable
Handling & Finishes	
Dimensions (WxHxD)	40 x 500 x 22 mm (1.6 x 19.7 x 0.9 in)
Weight	0.7 kg (1.54 lb)
Material	Aluminum
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64

**Vyper-KV52F I**

General	
Type	KV52 Line array   KV52F Point Source
Transducers	8 x 1" neodymium magnet woofers
Frequency Response	150 Hz – 18 kHz (-6 dB)
Max SPL	114 dB (peak)
Rated Power	150 W
Coverage	KV52 V. 10°   H. 140°   KV52F V. 120°   H. 140°
Connectors	2PIN euroblock connector (included)
Nominal Impedance	16 Ω / 64 Ω selectable
Handling & Finishes	
Dimensions (WxHxD)	40 x 500 x 22 mm (1.6 x 19.7 x 0.9 in)
Weight	0.7 kg (1.54 lb)
Material	Aluminum
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64

**Vyper**

Ultra-flat aluminum line array element



COLORS



Black



White



Custom RAL

FINISHES



24K Gold



Polished



Brushed



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**Kobra**

Stainless steel line array element with 2" drivers



**Kobra-KK52 I**

**General**

Type	Line array
Transducers	8 x 2" neodymium magnet woofers
Frequency Response	150 Hz – 18 kHz (-6 dB)
Max SPL	120 dB (peak)
Rated Power	200 W
Coverage	V. 10° - 60°   H. 120°
Connectors	SpeakOn NL4 1+ 1- (signal); 2+ 2- (through)
Nominal Impedance	16 Ω / 64 Ω selectable

**Handling & Finishes**

Dimensions (WxHxD)	59 x 497 x 81 mm (2.3 x 19.6 x 3.2 in)
Weight	2.3 kg (5.07 lb)
Material	Stainless Steel
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64
EN54-24	EN 54-24:2008 compliant

**Kobra**

Stainless steel line array element with 2" drivers



**Kobra-KK102 I**

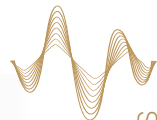
**General**

Type	Line array
Transducers	16 x 2" neodymium magnet woofers
Frequency Response	150 Hz – 18 kHz (-6 dB)
Max SPL	126 dB (peak)
Rated Power	400 W
Coverage	V. 7° - 35°   H. 120°
Connectors	SpeakOn NL4 1+ 1- (signal); 2+ 2- (through)
Nominal Impedance	8 Ω / 32 Ω selectable

**Handling & Finishes**

Dimensions (WxHxD)	59 x 1000 x 81 mm (2.3 x 39.4 x 3.2 in)
Weight	4.8 kg (10.6 lb)
Material	Stainless Steel
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64
EN54-24	EN 54-24:2008 compliant

The product performance data shown here is a first reference. We strongly advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)



SPEAKERS



Restaurants  
and Cafes



Theaters



Retail



Auditoriums  
and Concert Halls



Stadiums  
and Sport Venues



Theme Parks



Houses  
of Worship



Boardrooms  
and Conference  
Rooms



Black



White



Custom RAL



24K Gold



Polished



Brushed

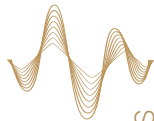






## Python

Stainless steel line array element with 3.15" drivers



## Kayman

Stainless steel line array element with 4" drivers

SPEAKERS



Restaurants  
and Cafes



Theaters



Retail



Auditoriums  
and Concert Halls



Stadiums  
and Sport Venues



Theme Parks



Houses  
of Worship



Boardrooms  
and Conference  
Rooms



### Python-KP52 I

#### General

Type	Line array
Transducers	6 x 3.15" neodymium magnet woofers
Frequency Response	120 Hz – 18 kHz (-6 dB)
Max SPL	128 dB (peak)
Rated Power	360 W
Coverage	V. 10° - 45°   H. 90°
Connectors	SpeakOn NL4 1+ 1- (signal); 2+ 2- (through)
Nominal Impedance	8 Ω / 32 Ω selectable

#### Handling & Finishes

Dimensions (WxHxD)	89 x 520 x 118 mm (3.5 x 20.5 x 4.7 in)
Weight	5.8 kg (12.78 lb)
Material	Stainless Steel
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64
EN54-24	EN 54-24:2008 compliant

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### Python-KP102 I

#### General

Type	Line array
Transducers	12 x 3.15" neodymium magnet woofers
Frequency Response	120 Hz – 18 kHz (-6 dB)
Max SPL	134 dB (peak)
Rated Power	720 W
Coverage	V. 7° - 30°   H. 90°
Connectors	SpeakOn NL4 1+ 1- (signal); 2+ 2- (through)
Nominal Impedance	4 Ω / 16 Ω selectable

#### Handling & Finishes

Dimensions (WxHxD)	89 x 1000 x 118 mm (3.5 x 39.4 x 4.7 in)
Weight	12.0 kg (26.5 lb)
Material	Stainless Steel
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64
EN54-24	EN 54-24:2008 compliant

COLORS



Black



White



Custom RAL

FINISHES



24K Gold



Polished



Brushed



SPEAKERS



Restaurants  
and Cafes



Theaters



Retail



Auditoriums  
and Concert Halls



Stadiums  
and Sport Venues



Theme Parks



Houses  
of Worship



Boardrooms  
and Conference  
Rooms



### Kayman-KV52

#### General

Type	Line array
Transducers	4 x 4" neodymium magnet woofers
Frequency Response	120 Hz – 20 kHz (-6 dB)
Max SPL	132 dB (peak)
Rated Power	600 W
Coverage	V. 7° - 30°   H. 90°
Connectors	SpeakOn NL4 1+ 1- (signal); 2+ 2- (through)
Nominal Impedance	4 Ω / 16 Ω selectable

#### Handling & Finishes

Dimensions (WxHxD)	
Weight	
Material	Stainless Steel
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64 (3)



### Kayman-KV102

#### General

Type	Line array
Transducers	8 x 4" neodymium magnet woofers
Frequency Response	120 Hz – 20 kHz (-6 dB)
Max SPL	138 dB (peak)
Rated Power	1200 W
Coverage	V. 7° - 30°   H. 90°
Connectors	SpeakOn NL4 1+ 1- (signal); 2+ 2- (through)
Nominal Impedance	8 Ω / 32 Ω selectable

#### Handling & Finishes

Dimensions (WxHxD)	116 x 1000 x 134 mm (4.6 x 39.4 x 5.3 in)
Weight	14.9 kg (32.8 lb)
Material	Stainless Steel
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64

The product performance data shown here is a first reference. We strongly advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)

COLORS



Black



White



Custom RAL

FINISHES



24K Gold



Polished



Brushed







**Anakonda**  
Flexible, 2-meter-long loudspeaker



SPEAKERS



**Anakonda-KAN200**

General	
Type	Line array
Transducers	8 x 1" neodymium magnet woofer
Frequency Response	150 Hz – 18 kHz (-6 dB)
Max SPL	102 dB (peak)
Rated Power	150 W
Coverage	V. 10° I H. 140°
Connectors	SpeakOn NL4 1+ 1- (signal); 2+ 2- (through)
Nominal Impedance	64 Ω

**Handling & Finishes**

Dimensions (WxHxD)	2000 (±20 mm) x 56 x 35 mm (79.5 (±0.8 in) x 2.2 x 1.4 in)
Weight	1.4 kg (3.1 lb)
Material	PVC/Neoprene
Colors	Black, White
IP Rating	IP64

**Anakonda-KAN200+**

General	
Type	Line array
Transducers	16 x 1" neodymium magnet woofer
Frequency Response	150 Hz – 18 kHz (-6 dB)
Max SPL	108 dB (peak)
Rated Power	300 W
Coverage	V. 10° I H. 140°
Connectors	SpeakOn NL4 1+ 1- (signal); 2+ 2- (through)
Nominal Impedance	32 Ω

Dimensions (WxHxD)	2000 (±20 mm) x 56 x 35 mm (79.5 (±0.8 in) x 2.2 x 1.4 in)
Weight	1.9 kg (4.2 lb)
Material	PVC/Neoprene
Colors	Black, White
IP Rating	IP64

**Anakonda-KAN200+8**

General	
Type	Line array
Transducers	16 x 1" neodymium magnet woofer
Frequency Response	150 Hz – 18 kHz (-6 dB)
Max SPL	108 dB (peak)
Rated Power	300 W
Coverage	V. 10° I H. 140°
Connectors	SpeakOn NL4 1+ 1- (signal); 2+ 2- (through)
Nominal Impedance	8 Ω

Dimensions (WxHxD)	2000 (±20 mm) x 56 x 35 mm (79.5 (±0.8 in) x 2.2 x 1.4 in)
Weight	1.9 kg (4.2 lb)
Material	PVC/Neoprene
Colors	Black, White
IP Rating	IP64

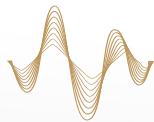
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**Anakonda**  
Flexible, 2-meter-long loudspeaker

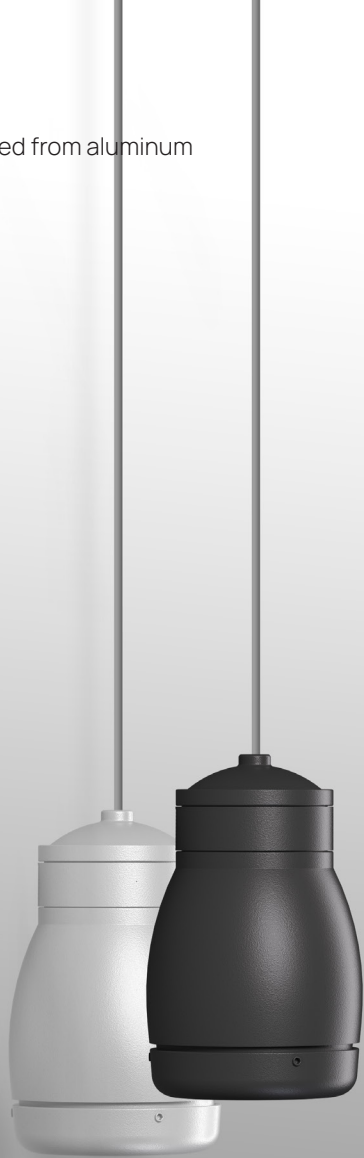




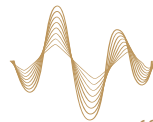


**Tornado**

2" point source speakers carved from aluminum



Pendant Model Available



**Tornado**

2" point source speakers carved from aluminum

WALL MOUNT



**Tornado-KT2**

**General**  
Type  
Transducers  
Frequency Response  
Sensitivity (1W/1m)  
Max SPL  
Rated Power  
Coverage  
Connectors  
Nominal Impedance

Point source  
2" neodymium magnet woofer  
150 Hz – 18 kHz (-6 dB)  
89 dB SPL  
100 dB (peak)  
15 W  
V: 90° I H: 90°  
4PIN euroblock connector (included)  
KT2 8 Ω / 32 Ω selectable | KT2-HV 70V

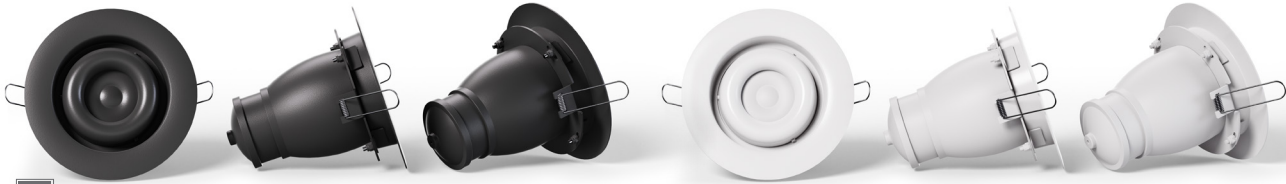
**Tornado-KT2-HV**

**Handling & Finishes**  
Dimensions (WxHxD)  
Weight  
Material  
Colors  
IP Rating  
EN54-24

74 x 74 x 118 mm (2.91 x 2.91 x 4.65 in)  
0.6 kg (1.32 lb)  
Aluminum  
Black, White, Custom RAL  
IP65  
EN 54-24:2008 compliant

The product performance data shown here is a first reference. We strongly advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)

CEILING MOUNT



**Tornado-KT2C**

**General**  
Type  
Transducers  
Frequency Response  
Sensitivity (1W/1m)  
Max SPL  
Rated Power  
Coverage  
Connectors  
Nominal Impedance

Point source  
2" neodymium magnet woofer  
150 Hz – 18 kHz (-6 dB)  
89 dB SPL  
100 dB (peak)  
15 W  
V: 90° I H: 90°  
4PIN euroblock connector (included)  
KT2C 8 Ω / 32 Ω selectable | KT2C-HV 70V

**Tornado-KT2C-HV**

**Handling & Finishes**  
Dimensions (WxHxD)  
Weight  
Material  
Colors  
IP Rating  
EN54-24

125 x 125 x 119 mm (4.92 x 4.92 x 4.69 in)  
0.65 kg (1.43 lb)  
Aluminum  
Black, White, Custom RAL  
IP65  
EN 54-24:2008 compliant

The product performance data shown here is a first reference. We strongly advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)



**KA1-T2H** | MINI-AMP

Designed as passive speaker, the new Tornado can be easily converted into self-powered devices by inserting the KA1-T2H amplifier module. (32W)

SPEAKERS



Restaurants and Cafes



Hotels and Resorts



Retail



Museums and Exhibitions



Yachting



Theme Parks

**COLORS**  
Black

White

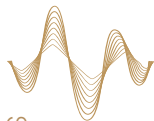
Custom RAL

**FINISHES**  
24K Gold

Polished

Brushed





## Turtle

Low-profile, variable coverage stainless steel speaker



### Turtle-KRM33P

<b>General</b>	
Type	Point source
Transducers	3 x 3.15" neodymium magnet woofer 1 x 6" passive radiator
Frequency Response	70 Hz – 20 kHz (-6 dB)
Max SPL	121 dB (peak)
Rated Power	300 W
Coverage	V. 90°   H. 30° - 70° selectable
Connectors	SpeakOn NL4 1+ 1- (signal); 2+ 2- (through)
Nominal Impedance	8 Ω
Amp Module	
Output Power	
<b>Handling &amp; Finishes</b>	
Dimensions (WxHxD)	266 x 103 x 302 mm (10.5 x 4.1 x 11.9 in)
Weight	5.2 kg (11.59 lb)
Material	Stainless Steel
Colors	Black, White, Custom RAL
IP Rating	IP64



### Turtle-KRM33

<b>General</b>	
Type	Point source
Transducers	3 x 3.15" neodymium magnet woofer 1 x 6" passive radiator
Frequency Response	70 Hz – 20 kHz (-6 dB)
Max SPL	121 dB (peak)
Rated Power	-
Coverage	V. 90°   H. 30° - 70° selectable
Connectors	SpeakOn NL4 1+ 1- (signal); 2+ 2- (through)
Nominal Impedance	8 Ω
Amp Module	2 ch. switch-mode, class D
Output Power	2 x 125 W @ 4 Ω
<b>Handling &amp; Finishes</b>	
Dimensions (WxHxD)	266 x 103 x 302 mm (10.5 x 4.1 x 11.9 in)
Weight	5.2 kg (11.59 lb)
Material	Stainless Steel
Colors	Black, White, Custom RAL
IP Rating	IP40

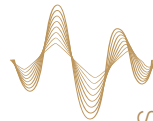


The product performance data shown here is a first reference. We strongly advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)



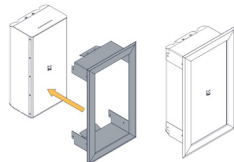
## Domino

Full-range, compact passive stainless steel speakers



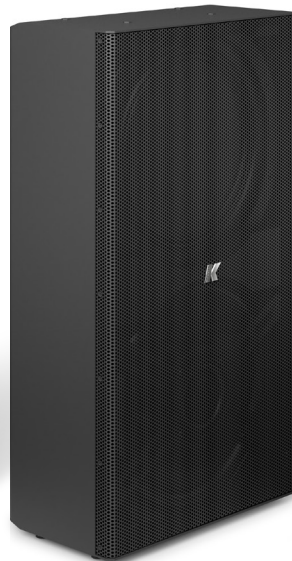
### Domino-KF26 Domino-KFC26

<b>General</b>	
Type	Point source
Transducers	6" neodymium magnet woofer 2" neodymium magnet woofer 6" passive transducer
Frequency Response	KF26 50 Hz – 19 kHz (-6 dB) KFC26 50 Hz – 20 kHz (-6 dB)
Max SPL	115 dB (peak)
Rated Power	160 W
Coverage	KF26 V. 90°   H. 90°   KFC26 V. 140°   H. 140°
Connectors	4PIN euroblock connector (included)
Nominal Impedance	KF26 8 Ω / 32 Ω   KFC26 8 Ω
Sensitivity (1W,1m)	90 dB
<b>Handling &amp; Finishes</b>	
Dimensions (WxHxD)	180 x 350 x 118 mm (7.1 x 13.8 x 4.6 in)
Weight	6.5 kg (14.3 lb)
Material	Stainless Steel
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64



#### FLUSHED WALL MOUNT

The Domino can be easily flush mounted in wall thanks to the K-WF accessory (not included / not for KF212).



### Domino-KF210

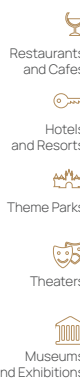
<b>General</b>	
Type	Point source
Transducers	10" neodymium magnet woofer 3" neodymium magnet woofer 10" passive transducer
Frequency Response	40 Hz – 19 kHz (-6 dB)
Max SPL	123 dB (peak)
Rated Power	320 W
Coverage	V. 90°   H. 90°
Connectors	4PIN euroblock connector (included)
Nominal Impedance	4 Ω / 16 Ω
Sensitivity (1W,1m)	95 dB

<b>Handling &amp; Finishes</b>	
Dimensions (WxHxD)	282 x 500 x 151 mm (11.1 x 19.7 x 5.9 in)
Weight	12 kg (26.5 lb)
Material	Stainless Steel
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64

<b>General</b>	
Type	Point source
Transducers	10" neodymium magnet woofer 3" neodymium magnet woofer 10" passive transducer
Frequency Response	40 Hz – 19 kHz (-6 dB)
Max SPL	123 dB (peak)
Rated Power	320 W
Coverage	V. 90°   H. 90°
Connectors	4PIN euroblock connector (included)
Nominal Impedance	4 Ω / 16 Ω
Sensitivity (1W,1m)	95 dB

<b>General</b>	
Type	Point source
Transducers	Coax. 12" woofer 1.7" compression driver 12" passive transducer
Frequency Response	40 Hz – 19 kHz (-6 dB)
Max SPL	130 dB (peak)
Rated Power	700 W
Coverage	V. 60°   H. 90°
Connectors	4PIN euroblock connector (included)
Nominal Impedance	8 Ω
Sensitivity (1W,1m)	100 dB

<b>Handling &amp; Finishes</b>	
Dimensions (WxHxD)	330 x 655 x 200 mm (13.0 x 25.8 x 7.9 in)
Weight	23.5 kg (51.8 lb)
Material	Stainless Steel
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP43

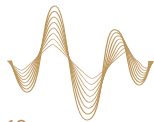


### Domino-KF212



The product performance data shown here is a first reference. We strongly advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)





**Rumble**  
Stainless steel passive subwoofers

SUBWOOFERS



Restaurants  
and Cafes



Hotels  
and Resorts



Theme Parks



Retail



Broadcast  
and Studios



Museums  
and Exhibitions



**Rumble-KU44**

**Rumble-KU44-2**

**Rumble-KU26**

**Rumble-KU210**

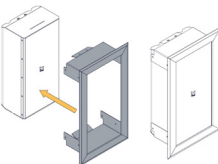
**Rumble-KU212**

**General**

Type	Passive subwoofer	Passive subwoofer	Passive subwoofer	Passive subwoofer
Transducers	2 x 4" neodymium magnet woofers 2 x 4" passive radiator	6" neodymium magnet woofers 6" passive radiator	10" neodymium magnet woofer 10" passive radiator	12" neodymium magnet woofer 12" passive radiator
Frequency Response	45 Hz – 150 / 500 Hz (-6 dB)	45 Hz – 150 / 500 Hz (-6 dB)	40 Hz – 150 Hz (-6 dB)	35 Hz – 150 Hz (-6 dB)
Max SPL	116 dB (peak)	121 dB (peak)	127 dB (peak)	130 dB (peak)
Rated Power	120 W	160 W	320 W	700 W
Coverage	Omni	Omni	Omni	Omni
Connectors	4PIN euroblock connector (included)	4PIN euroblock connector (included)	4PIN euroblock connector (included)	4PIN euroblock connector (included)
Nominal Impedance	8 Ω / 32 Ω selectable   KU44-2 2 Ω	8 Ω / 32 Ω selectable	4 Ω / 16 Ω selectable	4 Ω / 16 Ω selectable

**Handling & Finishes**

Dimensions (WxHxD)	500 x 116 x 100 mm (19.7 x 4.6 x 4.0 in)	350 x 180 x 118 mm (13.8 x 7.1 x 4.6 in)	500 x 282 x 151 mm (19.7 x 11.1 x 5.9 in)	655 x 330 x 200 mm (25.8 x 13.0 x 7.9 in)
Weight	5.9 kg (13.0 lb)	5.9 kg (13.0 lb)	11 kg (24.3 lb)	18.5 kg (40.8 lb)
Material	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Colors	Black, White, Custom RAL	Black, White, Custom RAL	Black, White, Custom RAL	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed	24K Gold, Polished, Brushed	24K Gold, Polished, Brushed	24K Gold, Polished, Brushed
IP Rating	IP64	IP64	IP64	IP64



**FLUSHED WALL MOUNT**

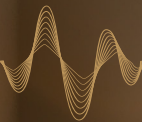
The Rumble can be easily flush mounted into the wall thanks to the K-WF accessory (not included / not for KU212) .



The product performance data shown here is a first reference. We strongly advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)

**Rumble**

Stainless steel line array subwoofers







**Truffle**

Extremely compact and easily concealable aluminum alloy subwoofers

SUBWOOFERS



Restaurants  
and Cafes



Hotels  
and Resorts



Fitness  
and Wellness



Retail



Museums  
and Exhibitions



Boardrooms  
and Conference  
Rooms



**General**

Type	Passive subwoofer
Transducers	4" woofer + passive radiator
Frequency Response	45 Hz - 150 / 500 Hz (-6 dB)
Max SPL	112 dB (peak)
Rated Power	60 W
Coverage	Omni
Connectors	2PIN euroblock connector (included)
Nominal Impedance	4 Ω

**Truffle-KTR24**

**Truffle-KTR25**

**Truffle-KTR26**

Type	Passive subwoofer
Transducers	5.25" woofer + passive radiator
Frequency Response	45 Hz - 150 / 500 Hz (-6 dB)
Max SPL	115 dB (peak)
Rated Power	80 W
Coverage	Omni
Connectors	2PIN euroblock connector (included)
Nominal Impedance	4 Ω

Type	Passive subwoofer
Transducers	6.5" woofer + passive radiator
Frequency Response	45 Hz - 150 / 500 Hz (-6 dB)
Max SPL	120 dB (peak)
Rated Power	100 W
Coverage	Omni
Connectors	2PIN euroblock connector (included)
Nominal Impedance	2 Ω

**Handling & Finishes**

Dimensions (WxHxD)	122 x 117 x 199 mm (4.8 x 4.6 x 7.8 in)
Weight	1.5 kg (3.31 lb)
Material	Aluminum
Colors	Black
Finishes	Powder Matte
IP Rating	IP64

Dimensions (WxHxD)	152 x 147 x 258 mm (6.0 x 5.8 x 10.2 in)
Weight	2.5 kg (5.51 lb)
Material	Aluminum
Colors	Black
Finishes	Powder Matte
IP Rating	IP64

Dimensions (WxHxD)	182 x 176 x 341 mm (7.1 x 6.9 x 13.4 in)
Weight	3.5 kg (7.72 lb)
Material	Aluminum
Colors	Black
Finishes	Powder Matte
IP Rating	IP64

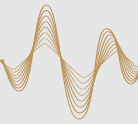
The product performance data shown here is a first reference. We strongly advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)

COLORS



**Truffle**

Extremely compact and easily concealable aluminum alloy subwoofers







## Premium Materials & Finishes

K-array utilizes the most durable and resistant materials when developing our products to offer the most reliable solutions on the market. Weather resistant 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 is a range of colors and finishes that assist in integrating the products into various applications.

Sleek black and elegant white make a subtle statement while a customized color using any RAL code can perfectly match the venue. Also, brushed or polished stainless steel finishes are available which give the product a chameleon-like ability to mirror 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.

## Swatch Book

Our high-quality luxury finishes are made of precious materials, and offer another dimension to your setup. The most opulent finish is a pure 24K gold coating over a sturdy metal frame, rendering the steel products resistant to corrosion, rust or stain – ideal for prestigious design projects and upscale applications.

Additional colors and finishes K-array offers further assist in integrating a system into various venues: black and white are available in a gloss or matte finish. Brushed or polished stainless steel finishes have an edgier look.

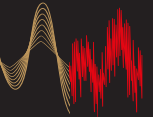




# Process and manage your sound

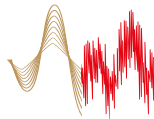


**Kommander**  
All-in-one stainless steel amplifiers and processing solutions



## POWERED BY INTELLIGENCE Ultimate Electronic Power Control

Enhanced performance and easy tuning are now managed by the Integrated Electronic Brain - IEB - implemented into K-array amplifiers. More than a traditional DSP, the built-in micro electronics driven by the integrated operating system osKar features expansive sound processing, offering complete user control over the system performance: Volumes, Signal Routing and Presets as well as a complete USB player, are directly manageable using WiFi or Ethernet connectivity via mobile app and dedicated professional interface.



# Kommander

All-in-one stainless steel amplifiers and processing solutions

AMPLIFIERS

- Restaurants and Cafes
- Boardrooms and Conference Rooms
- Theaters
- Auditoriums and Concert Halls
- Houses of Worship



## Kommander-KA02

General	
Type	4ch switching mode, Class D Amplifier
Output Power	4x 50W @ 4Ω
Impedance	minimum 4 Ω (2 Ω PBTL)
Frequency Response	20 Hz – 20 kHz (±1 dB)
Connections	3.5 mm jack unBAL analog stereo input, 2x BAL input: Phoenix MC 1.5/ 3-ST-3.81, TOSLINK optical input, 4x user selectable GPIO, 4x USB-A 2.0, 1x RJ45 Ethernet, Bluetooth 4.1 Low Energy Wi-Fi IEEE 802.11 b/g/n
Built-in DSP	equalization, signal distribution, multi-room, loudspeaker presets
Remote control	Bluetooth and Wi-Fi dedicated APP
Protections	Thermal protection, output short circuit, RMS output current protection, high frequency protection, power limiter, clip limiter.
MAINS Operating Range	Dedicated AC/DC power adapter 100-240V ~ AC, 50-60 Hz input / 24 V, 4 A DC output
Power Consumption	20 W @ 4 Ω load, 1/8 Rated Power (Pink Noise)
Handling & Finishes	
Color	Black
Material	Aluminum
IP Rating	IP20
Dimensions (WxHxD)	144 x 46 x 144 mm (5.7 x 1.8 x 5.7 in)
Weight	0.5 kg (1.1 lb)

## Kommander-KA14 I

General	
Type	4ch switching mode, Class D Amplifier
Output Power	4x 600W @ 2Ω
Impedance	minimum 2 Ω
Frequency Response	20 Hz – 20 kHz (±1 dB)
Connections	Input: 4x XLR-F bal input I 4x XLR-M bal LINK output Output: 2x PC 4/ 4-ST-7,62 speaker output Remote connectivity: 1x Ethernet RJ45 I 4x USB-A I Wi-Fi IEEE 802.11 b/g/n Power: 1 x PowerCon TRUE IN I 1 x PowerCon TRUE Link
Built-in DSP	Grouping, Equalization, Limiters, Routing, Level, Loudspeaker presets
Remote control	Wi-Fi and Ethernet dedicated APP and Desktop software
Protections	Thermal protection, output short circuit, RMS output current protection, high frequency protection, power limiter, clip limiter.
MAINS Operating Range	100-240V AC, 50-60 Hz with PFC
Power Consumption	400 W @ 4 Ω load, Pink noise, 1/8 rated power
Handling & Finishes	
Color	Black
Material	Stainless Steel
IP Rating	IP20
Dimensions (WxHxD)	430 x 87 x 430 mm (17 x 3,4 x 17 in)
Weight	6 kg (13.2 lb)

The product performance data shown here is a first reference. We strongly advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)

## Kommander-KA18

General	
Type	8ch switching mode, Class D Amplifier
Output Power	8 x 150W @ 4Ω
Impedance	minimum 4 Ω
Frequency Response	20 Hz – 20 kHz (±1 dB)
Connections	Input: 8x XLR-F bal input Output: 4x PC 4/ 4-ST-7,62 speaker output Remote connectivity: 1x Ethernet RJ45 I 4x USB-A I Wi-Fi IEEE 802.11 b/g/n Power: 1 x PowerCon TRUE IN I 1 x PowerCon TRUE Link
Built-in DSP	Grouping, Equalization, Limiters, Routing, Level, Loudspeaker presets
Remote control	Wi-Fi and Ethernet dedicated APP and Desktop software
Protections	Thermal protection, output short circuit, RMS output current protection, high frequency protection, power limiter, clip limiter.
MAINS Operating Range	100-240V AC, 50-60 Hz with PFC
Power Consumption	400 W @ 4 Ω load, Pink noise, 1/8 rated power
Handling & Finishes	
Color	Black
Material	Stainless Steel
IP Rating	IP20
Dimensions (WxHxD)	430 x 87 x 430 mm (17 x 3,4 x 17 in)
Weight	7 kg (15.4 lb)

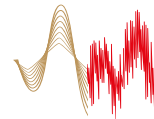
## Kommander-KA28

General	
Type	8ch switching mode, Class D Amplifier
Output Power	8 x 600W @ 2Ω
Impedance	minimum 2 Ω
Frequency Response	20 Hz – 20 kHz (±1 dB)
Connections	Input: 8x XLR-F bal input Output: 4x PC 4/ 4-ST-7,62 speaker output Remote connectivity: 1x Ethernet RJ45 I 4x USB-A I Wi-Fi IEEE 802.11 b/g/n Power: 1 x PowerCon TRUE IN I 1 x PowerCon TRUE Link
Built-in DSP	Grouping, Equalization, Limiters, Routing, Level, Loudspeaker presets
Remote control	Wi-Fi and Ethernet dedicated APP and Desktop software
Protections	Thermal protection, output short circuit, RMS output current protection, high frequency protection, power limiter, clip limiter.
MAINS Operating Range	100-240V AC, 50-60 Hz with PFC
Power Consumption	800 W @ 4 Ω load, Pink noise, 1/8 rated power
Handling & Finishes	
Color	Black
Material	Stainless Steel
IP Rating	IP20
Dimensions (WxHxD)	430 x 87 x 430 mm (17 x 3,4 x 17 in)
Weight	7,4 kg (16,3 lb)

The product performance data shown here is a first reference. We strongly advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)

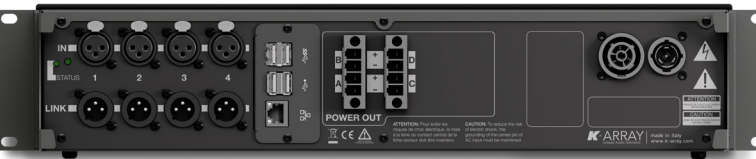
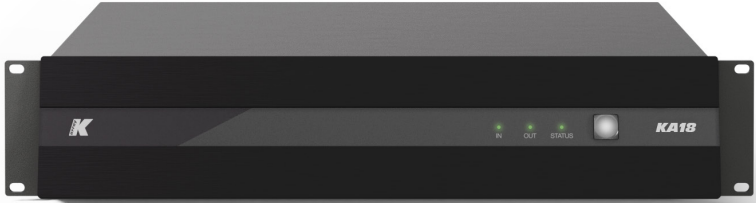
# Kommander

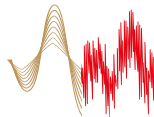
All-in-one stainless steel amplifiers and processing solutions



AMPLIFIERS

- Restaurants and Cafes
- Boardrooms and Conference Rooms
- Theaters
- Auditoriums and Concert Halls
- Houses of Worship





## Kommander

All-in-one stainless steel amplifiers and processing solutions

AMPLIFIERS



Restaurants  
and Cafes



Boardrooms  
and Conference  
Rooms



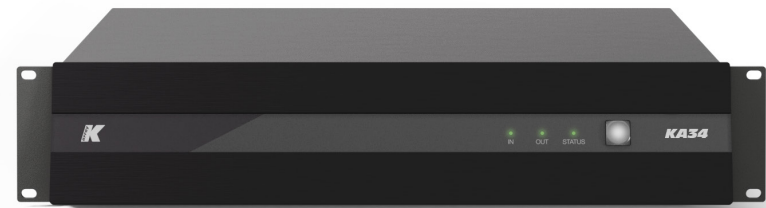
Theaters



Auditoriums  
and Concert Halls



Houses  
of Worship



Integrated  
Electronic  
Brain



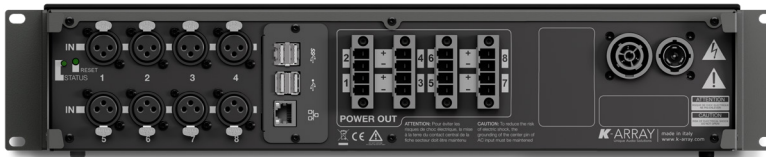
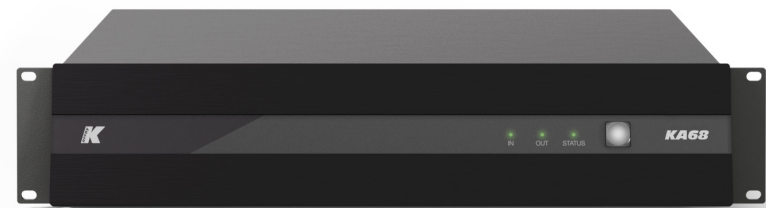
Wi-Fi



USB  
MULTIMEDIA PLAYER



ETHERNET



Integrated  
Electronic  
Brain



Wi-Fi



USB  
MULTIMEDIA PLAYER



ETHERNET



### Kommander-KA34

#### General

Type  
Output Power  
Impedance  
Frequency Response  
Connections

4ch switching mode, Class D Amplifier  
4 x 750W @ 4Ω  
minimum 4 Ω  
20 Hz – 20 kHz (±1 dB)  
Input:  
4x XLR-F bal input | 4x XLR-M bal LINK output  
Output:  
2x PC 4/ 4-ST-7,62 speaker output  
Remote connectivity:  
1x Ethernet RJ45 | 4x USB-A | Wi-Fi IEEE 802.11 b/g/n  
Power:

#### Built-in DSP

Grouping, Input EQ, Output EQ, Signal Routing,  
Level adjustment, Dynamic Limiters, Delay

#### Remote control

Wi-Fi and Ethernet dedicated APP and  
Desktop software

#### Protections

Thermal protection, output short circuit, RMS  
output current protection, high frequency  
protection, power limiter, clip limiter.

#### MAINS Operating Range

100-240V AC, 50-60 Hz with PFC  
600 W @ 4 Ω load, Pink noise, 1/8 rated power

#### Handling & Finishes

Color  
Material  
IP Rating  
Dimensions (WxHxD)  
Weight

Black  
Stainless Steel  
IP20  
430 x 87 x 430 mm (17 x 3,4 x 17 in)  
7 kg (15,4 lb)

### Kommander-KA68

#### General

Type  
Output Power  
Impedance  
Frequency Response  
Connections

8ch switching mode, Class D Amplifier  
8 x 750W @ 4Ω  
minimum 4 Ω  
20 Hz – 20 kHz (±1 dB)  
Input:  
8x XLR-F bal input  
Output:  
4x PC 4/ 4-ST-7,62 speaker output  
Remote connectivity:  
1x Ethernet RJ45 | 4x USB-A | Wi-Fi IEEE 802.11 b/g/n  
Power:  
1 x PowerCon TRUE IN | 1 x PowerCon TRUE Link

#### Built-in DSP

Grouping, Equalization, Limiters, Routing,  
Level, Loudspeaker presets

#### Remote control

Wi-Fi and Ethernet dedicated APP and  
Desktop software

#### Protections

Thermal protection, output short circuit, RMS  
output current protection, high frequency  
protection, power limiter, clip limiter.

#### MAINS Operating Range

100-240V AC, 50-60 Hz with PFC  
1200 W @ 4 Ω load, Pink noise, 1/8 rated power

#### Handling & Finishes

Color  
Material  
IP Rating  
Dimensions (WxHxD)  
Weight

Black  
Stainless Steel  
IP20  
430 x 87 x 430 mm (17 x 3,4 x 17 in)  
8,3 kg (18,3 lb)

The product performance data shown here is a first reference. We strongly  
advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)

### Kommander-KA104

#### General

Type  
Output Power  
Impedance  
Frequency Response  
Connections

4ch switching mode, Class D Amplifier  
4 x 2500W @ 4Ω  
minimum 4 Ω (2 Ω tolerant)  
20 Hz – 20 kHz (±1 dB)  
Input:  
4x XLR-F bal input | 4x XLR-M bal LINK output  
Output:  
2x PC 4/ 4-ST-7,62 speaker output  
Remote connectivity:  
1x Ethernet RJ45 | 4x USB-A | Wi-Fi IEEE 802.11 b/g/n  
Power:  
1 x PowerCon TRUE IN | 1 x PowerCon TRUE Link

#### Built-in DSP

Grouping, Equalization, Limiters, Routing, Level,  
Loudspeaker presets

#### Remote control

Wi-Fi and Ethernet dedicated APP and  
Desktop software

#### Protections

Thermal protection, output short circuit, RMS  
output current protection, high frequency  
protection, power limiter, clip limiter.

#### MAINS Operating Range

100-240V AC, 50-60 Hz with PFC  
600 W @ 4 Ω load, Pink noise, 1/8 rated power

#### Handling & Finishes

Color  
Material  
IP Rating  
Dimensions (WxHxD)  
Weight

Black  
Stainless Steel  
IP20  
430 x 87 x 430 mm (17 x 3,4 x 17 in)  
8,15 kg (18 lb)

### Kommander-KA208

#### General

Type  
Output Power  
Impedance  
Frequency Response  
Connections

8ch switching mode, Class D Amplifier  
8 x 2500W @ 4Ω  
minimum 4 Ω (2 Ω tolerant)  
20 Hz – 20 kHz (±1 dB)  
Input:  
8x XLR-F bal input  
Output:  
4x PC 4/ 4-ST-7,62 speaker output  
Remote connectivity:  
1x Ethernet RJ45 | 4x USB-A | Wi-Fi IEEE 802.11 b/g/n  
Power:  
1 x PowerCon TRUE IN | 1 x PowerCon TRUE Link

#### Built-in DSP

Grouping, Equalization, Limiters, Routing, Level,  
Loudspeaker presets

#### Remote control

Wi-Fi and Ethernet dedicated APP and  
Desktop software

#### Protections

Thermal protection, output short circuit, RMS  
output current protection, high frequency  
protection, power limiter, clip limiter.

#### MAINS Operating Range

100-240V AC, 50-60 Hz with PFC  
1200 W @ 4 Ω load, Pink noise, 1/8 rated power

#### Handling & Finishes

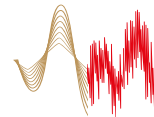
Color  
Material  
IP Rating  
Dimensions (WxHxD)  
Weight

Black  
Stainless Steel  
IP20  
430 x 87 x 430 mm (17 x 3,4 x 17 in)  
10 kg (22 lb)

The product performance data shown here is a first reference. We strongly  
advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)

## Kommander

All-in-one stainless steel amplifiers and processing solutions



AMPLIFIERS



Restaurants  
and Cafes



Boardrooms  
and Conference  
Rooms



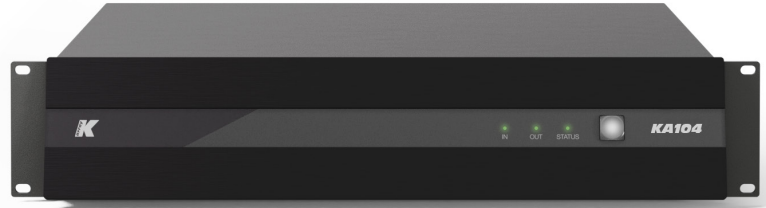
Theaters



Auditoriums  
and Concert Halls



Houses  
of Worship



Integrated  
Electronic  
Brain



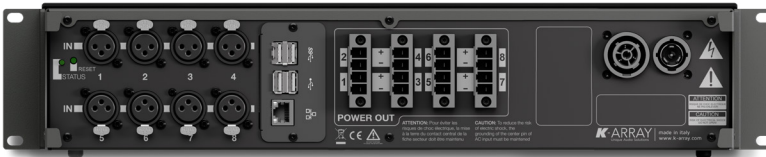
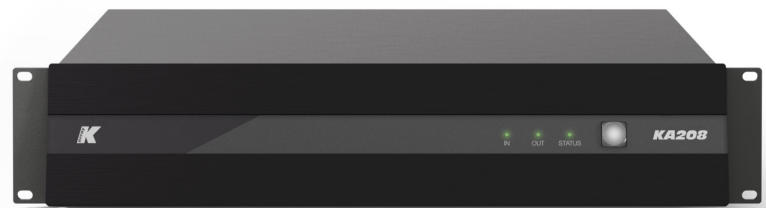
Wi-Fi



USB  
MULTIMEDIA PLAYER



ETHERNET



Integrated  
Electronic  
Brain



Wi-Fi



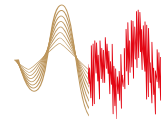
USB  
MULTIMEDIA PLAYER



ETHERNET

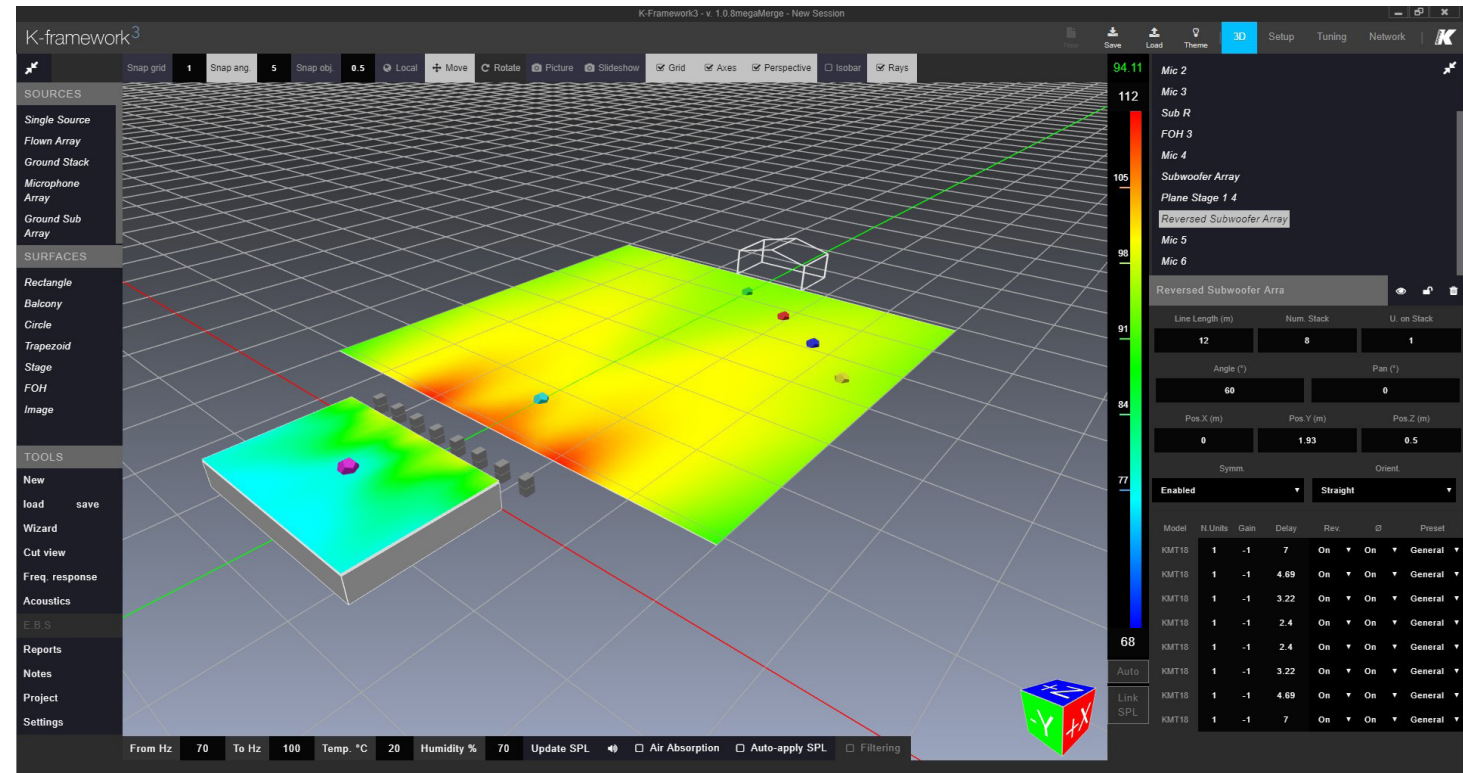






## K-framework 3

SOFTWARE



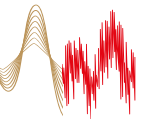
### K-FRAMEWORK3

Available for both Windows and Mac users, the K-framework 3 is K-array's proprietary 3D acoustical simulation and remote control software. In one single software you can design, simulate, configure, tune and manage K-array speakers, subwoofers, amplifiers and microphones. Data can be transferred from the 3D acoustical simulation environment to the connected devices in one click, while advanced monitoring tools will assist the operator during the entire show. Download the K-framework 3 software from the K-array website, and don't miss the complete video tutorial available on the K-academy page.

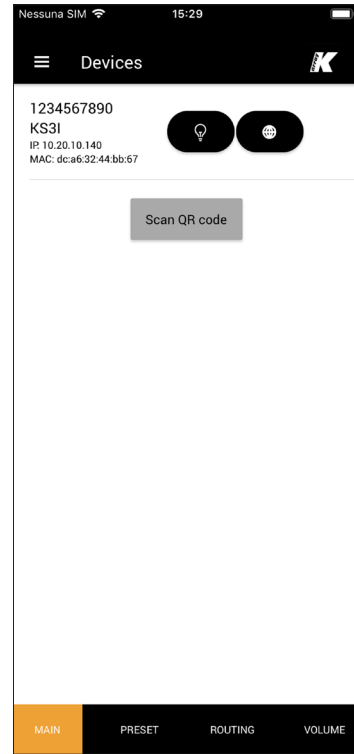


WINDOWS and OSX software  
K-framework3

## K-ARRAY Connect

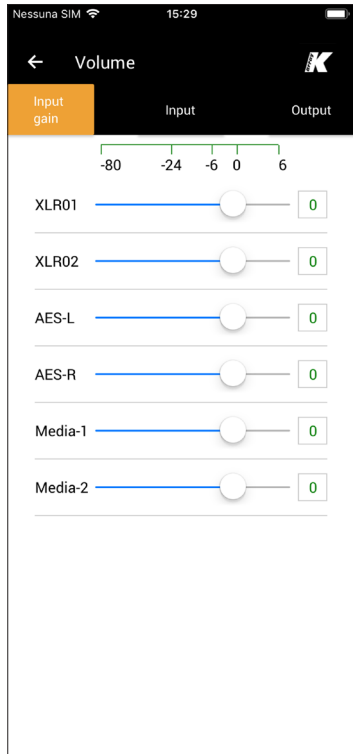
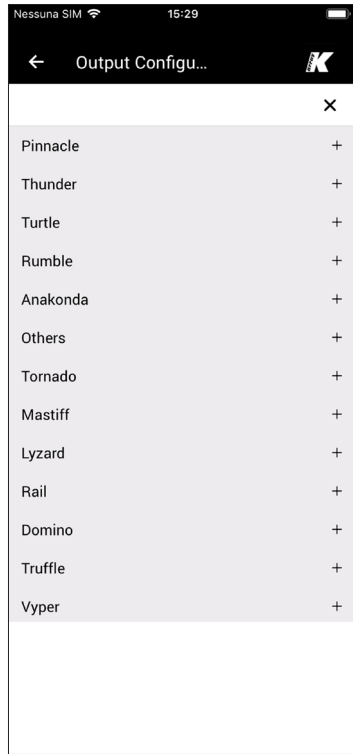


SOFTWARE



### K-ARRAY CONNECT

Available for both Android and iOS devices, The K-array Connect mobile is the easiest and quickest way to program and control K-array devices. Scan the QR code available on the amplifier back panel to automatically connect your phone to the built-in Wi-Fi, load the proper preset, select the signal routing and adjust the volume..the amplifier is ready to play! For more advanced settings, including equalization, delay, internal player management and much more, a Web Application and the K-framework 3 desktop software are available. Controlling an amplifier has never been easier.

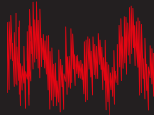


Download on the  
App Store









**Dragon**

12" coaxial passive stainless steel array element

SPEAKERS



Large  
Congregations



Stadiums  
and Sport Venues



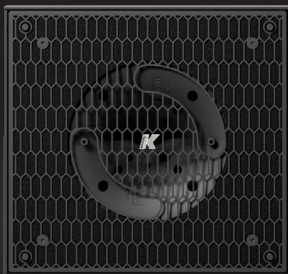
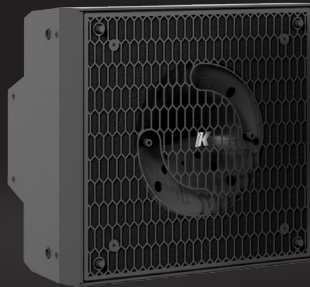
Nightclubs  
and Lounges



Broadcast  
and Studios



Theme Parks



**Dragon-KX12**

**General**

Type	Point source
Transducers	Coaxial 12" woofer + 2.4" compression driver
Frequency Response	120 Hz – 19 kHz (-6 dB)
Max SPL	133 dB (peak)
Rated Power	1200 W
Coverage	User sel. V./H. 30°/100°   100°/30°
Connectors	2 x SpeakOn NL4 1+ 1- (signal); 2+ 2- (through)
Nominal Impedance	8 Ω

**Handling & Finishes**

Dimensions (WxHxD)	340 x 320 x 201 mm (13.4 x 12.6 x 7.9 in)
Weight	12.2 kg (26.89 lb)
Material	Stainless Steel
Colors	Black, White, Custom RAL
IP Rating	IP21

The product performance data shown here is a first reference. We strongly advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)

COLORS



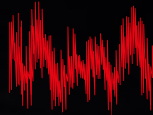
Black



White



Custom RAL



**Dragon**

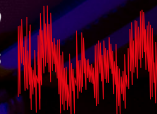
12" coaxial passive stainless steel array element





**Pinnacle**

A high-tech, lightweight powered stereo systems



**Pinnacle-KR2**

**Pinnacle-KR102 II**

**Pinnacle-KR202 II**

**Pinnacle-KR204 II**

**Pinnacle-KR3**

**Pinnacle-KR402 II**

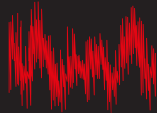
**Pinnacle-KR404 II**

**Pinnacle-KR4**

**Pinnacle-KR802 II**

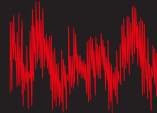
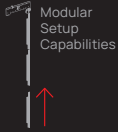
**Pinnacle-KR804 II**





# Pinnacle-KR2

High-tech, lightweight powered stereo systems



# Pinnacle-KR2

High-tech, lightweight powered stereo systems

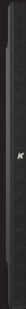
SYSTEMS

- Event Productions
- Theaters
- Auditoriums and Concert Halls
- Houses of Worship
- Concerts and Live Events

## Pinnacle-KR102 II

- 2x **Kobra-KK102 I**
- 1x **Thunder-KS1 I**
- 1x **Thunder-KS1P I**
- 2x **K-KKPOLE**
- 2x **K-JOINT3**
- 2x **K-FOOT3**

### Speakers



#### Kobra-KK102 I

##### General

Type	Line array
Transducers	16 x 2" neodymium magnet woofers
Frequency Response	150 Hz – 18 kHz (-6 dB)
Max SPL	126 dB (peak)
Rated Power	400 W
Coverage	V. 7° - 35°   H. 120°
Connectors	SpeakOn NL4 1+1- (signal); 2+ 2- (through)
Nominal Impedance	8 Ω / 32 Ω selectable

##### Handling & Finishes

Dimensions (WxHxD)	59 x 1000 x 81 mm (2.3 x 39.4 x 3.2 in)
Weight	4.8 kg (10.6 lb)
Material	Stainless Steel
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64
EN54-24	EN 54-24:2008 compliant

### Subwoofer



Thunder-KS1 I



Thunder-KS1P I

#### Thunder-KS1 I

##### General

Type	Active subwoofer
Transducers	12" neodymium magnet woofer
Frequency Response	35 Hz – 150/450 Hz (-6 dB) crossover dependant
Crossover	DSP-controlled, Low Pass @ 150 Hz, preset dependant
Max SPL	134
Rated Power	1200W peak
Coverage	Omni
Connectors	Line Input: 2x XLR-F analog / AES3 Line Output: 2x XLR-M Link analog / AES3 Speaker Output: 2x SpeakON NL4 Mains powerCON TRUE1 TOP Networking and Data: 1x RJ45 4x USB-A

##### Nominal Impedance

##### Handling & Finishes

Dimensions (WxHxD)	500 x 350 x 440 mm (19.7 x 13.8 x 17.3 in)
Weight	21.6 kg (47.62 lb)
Material	Polyurea coated birch plywood
Colors	Black/White/Custom RAL
IP Rating	53
Output Power	4 x 1500W @ 4ohm
Power consumption	600 W @ 8 Ω load, Pink noise, 1/4 rated power

### Accessories Included



K-JOINT3



K-FOOT3



K-KKPOLE

- COLORS
- Black
  - White
  - Custom RAL
- FINISHES
- 24K Gold
  - Polished
  - Brushed



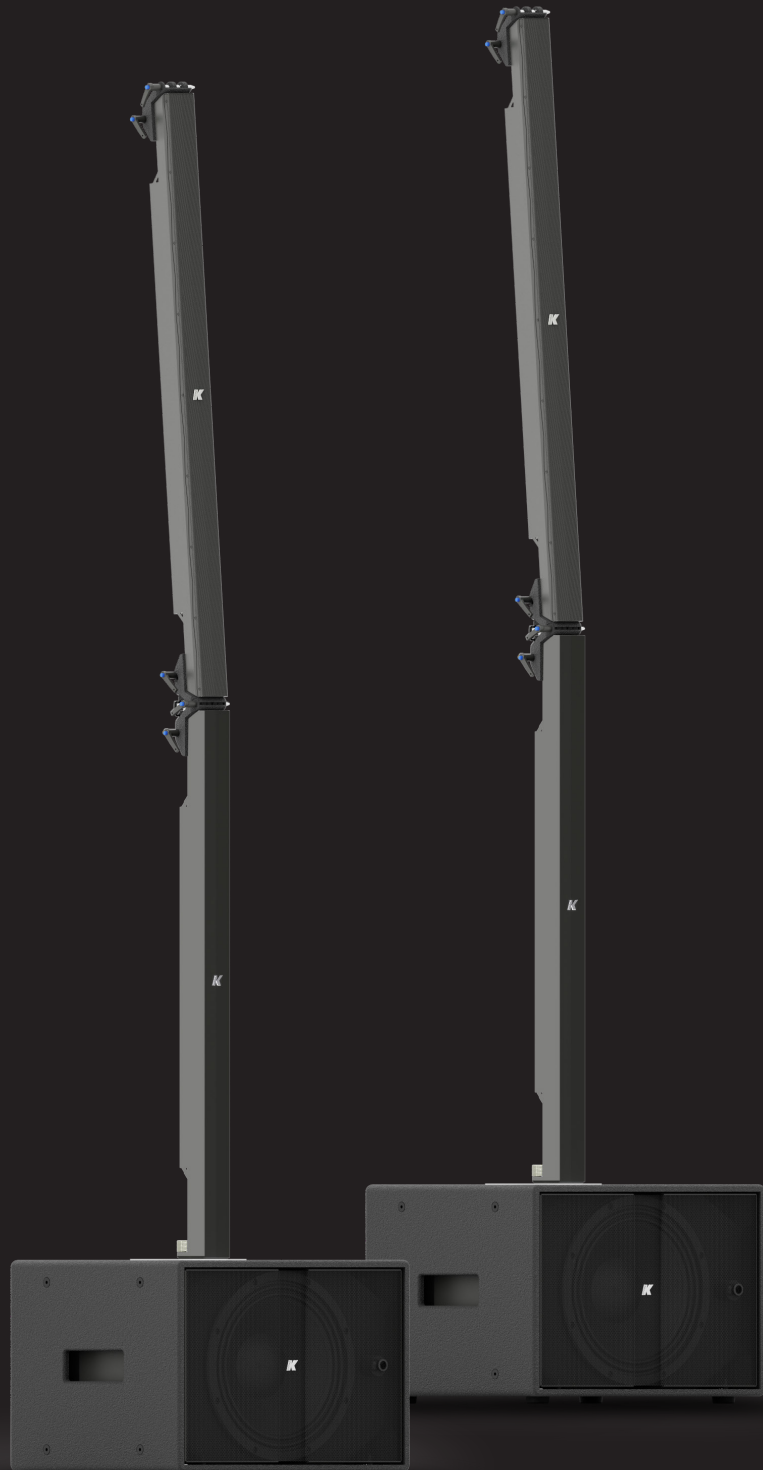
The product performance data shown here is a first reference. We strongly advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)

SYSTEMS

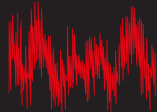
- Event Productions
- Theaters
- Auditoriums and Concert Halls
- Houses of Worship
- Concerts and Live Events

## Pinnacle-KR102 II

- 2x **Kobra-KK102 I**
- 1x **Thunder-KS1 I**
- 1x **Thunder-KS1P I**
- 2x **K-KKPOLE**
- 2x **K-JOINT3**
- 2x **K-FOOT3**







SYSTEMS

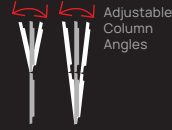
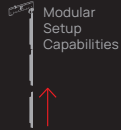
- Event Productions
- Theaters
- Auditoriums and Concert Halls
- Houses of Worship
- Concerts and Live Events

## Pinnacle-KR2

High-tech, lightweight powered stereo systems

### Pinnacle-KR202 II

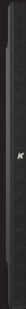
- 4 x **Kobra-KK102 I**
- 1 x **Thunder-KS2 I**
- 1 x **Thunder-KS2P I**
- 4 x **K-JOINT3**
- 2 x **K-FOOT3**



- COLORS
- Black
  - White
  - Custom RAL
- FINISHES
- 24K Gold
  - Polished
  - Brushed



#### Speakers



#### Kobra-KK102 I

##### General

Type	Line array
Transducers	16 x 2" neodymium magnet woofers
Frequency Response	150 Hz – 18 kHz (-6 dB)
Max SPL	126 dB (peak)
Rated Power	400 W
Coverage	V. 7° - 35°   H. 120°
Connectors	SpeakOn NL4 1+1- (signal); 2+ 2- (through)
Nominal Impedance	8 Ω / 32 Ω selectable

##### Handling & Finishes

Dimensions (WxHxD)	59 x 1000 x 81 mm (2.3 x 39.4 x 3.2 in)
Weight	4.8 kg (10.6 lb)
Material	Stainless Steel
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64
EN54-24	EN 54-24:2008 compliant

#### Subwoofer



#### Thunder-KS2 I

##### General

Type	Active subwoofer
Transducers	18" neodymium magnet woofer
Frequency Response	35 Hz – 150/450 Hz (-6 dB) crossover dependant
Crossover	DSP-controlled, Low Pass @ 150 Hz, preset dependant
Max SPL	137
Rated Power	1400W peak
Coverage	Omni
Connectors	Line Input: 2x XLR-F analog / AES3 Line Output: 2x XLR-M Link analog / AES3 Speaker Output: 2x SpeakON NL4 Mains powerCON TRUE1 TOP Networking and Data: 1x RJ45 4x USB-A
Nominal Impedance	8ohm subwoofer

##### Handling & Finishes

Dimensions (WxHxD)	650 x 500 x 580 mm (25.6 x 19.7 x 22.8 in)
Weight	37,6 kg (82.9 lb)
Material	Polyurea coated birch plywood
Colors	Black/White/Custom RAL
IP Rating	53
Output Power	4 x 1500W @ 4ohm
Power consumption	600 W @ 8 Ω load, Pink noise, 1/4 rated power

#### Thunder-KS2P I

##### General

Type	Passive subwoofer
Transducers	18" neodymium magnet woofer
Frequency Response	35 Hz – 150/450 Hz (-6 dB) crossover dependant
Crossover	External DSP-controlled, Low Pass @ 150 Hz up to 450 Hz, preset dependant
Max SPL	137
Rated Power	1400W peak
Coverage	Omni
Connectors	2 x Speakon NL4
Nominal Impedance	8ohm

##### Handling & Finishes

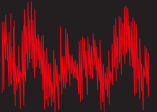
Dimensions (WxHxD)	650 x 500 x 580 mm (25.6 x 19.7 x 22.8 in)
Weight	34 kg (75 lb)
Material	Polyurea coated birch plywood
Colors	Black/White/Custom RAL
IP Rating	54

## Pinnacle-KR2

High-tech, lightweight powered stereo systems

### Pinnacle-KR202 II

- 4 x **Kobra-KK102 I**
- 1 x **Thunder-KS2 I**
- 1 x **Thunder-KS2P I**
- 4 x **K-JOINT3**
- 2 x **K-FOOT3**



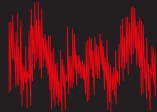
SYSTEMS

- Event Productions
- Theaters
- Auditoriums and Concert Halls
- Houses of Worship
- Concerts and Live Events

#### CONFIGURATION



The product performance data shown here is a first reference. We strongly advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)

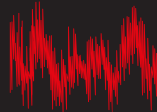
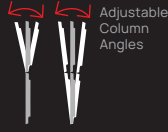
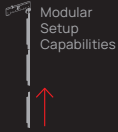


# Pinnacle-KR2

High-tech, lightweight powered stereo systems

## Pinnacle-KR204 II

- 8 x **Kobra-KK102 I**
- 2 x **Thunder-KS2 I**
- 2 x **Thunder-KS2P I**
- 2 x **Flybar**
- 8 x **K-JOINT3**
- 4 x **K-FOOT3**



## Pinnacle-KR204 II

- 8 x **Kobra-KK102 I**
- 2 x **Thunder-KS2 I**
- 2 x **Thunder-KS2P I**
- 2 x **Flybar**
- 8 x **K-JOINT3**
- 2 x **K-FOOT3**

SYSTEMS

- Event Productions
- Theaters
- Auditoriums and Concert Halls
- Houses of Worship
- Concerts and Live Events

SYSTEMS

- Event Productions
- Theaters
- Auditoriums and Concert Halls
- Houses of Worship
- Concerts and Live Events

### Speakers



#### Kobra-KK102 I

##### General

Type	Line array
Transducers	16 x 2" neodymium magnet woofers
Frequency Response	150 Hz – 18 kHz (-6 dB)
Max SPL	126 dB (peak)
Rated Power	400 W
Coverage	V. 7° - 35°   H. 120°
Connectors	SpeakOn NL4 1+1- (signal); 2+ 2- (through)
Nominal Impedance	8 Ω / 32 Ω selectable

##### Handling & Finishes

Dimensions (WxHxD)	59 x 1000 x 81 mm (2.3 x 39.4 x 3.2 in)
Weight	4.8 kg (10.6 lb)
Material	Stainless Steel
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64
EN54-24	EN 54-24:2008 compliant

### Subwoofer



Thunder-KS2 I



Thunder-KS2P I

#### Thunder-KS2 I

##### General

Type	Active subwoofer
Transducers	18" neodymium magnet woofer
Frequency Response	35 Hz – 150/450 Hz (-6 dB) crossover dependant
Crossover	DSP-controlled, Low Pass @ 150 Hz, preset dependant

Max SPL	137
Rated Power	1400W peak
Coverage	Omni
Connectors	Line Input: 2x XLR-F analog / AES3 Line Output: 2x XLR-M Link analog / AES3 Speaker Output: 2x SpeakON NL4 Mains powerCON TRUE1 TOP Networking and Data: 1x RJ45 4x USB-A
Nominal Impedance	8ohm subwoofer

##### Handling & Finishes

Dimensions (WxHxD)	650 x 500 x 580 mm (25.6 x 19.7 x 22.8 in)
Weight	37,6 kg (82.9 lb)
Material	Polyurea coated birch plywood
Colors	Black/White/Custom RAL
IP Rating	53
Output Power	4 x 1500W @ 4ohm
Power consumption	600 W @ 8 Ω load, Pink noise, 1/4 rated power

#### Thunder-KS2P I

##### General

Type	Passive subwoofer
Transducers	18" neodymium magnet woofer
Frequency Response	35 Hz – 150/450 Hz (-6 dB) crossover dependant
Crossover	External DSP-controlled, Low Pass @ 150 Hz up to 450 Hz, preset dependant

Max SPL	137
Rated Power	1400W peak
Coverage	Omni
Connectors	2 x Speakon NL4
Nominal Impedance	8ohm

##### Handling & Finishes

Dimensions (WxHxD)	650 x 500 x 580 mm (25.6 x 19.7 x 22.8 in)
Weight	34 kg (75 lb)
Material	Polyurea coated birch plywood
Colors	Black/White/Custom RAL
IP Rating	54

- COLORS
- Black
  - White
  - Custom RAL
- FINISHES
- 24K Gold
  - Polished
  - Brushed

### Accessories Included



K-JOINT3

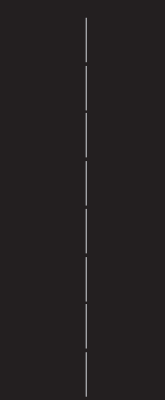


K-FOOT3



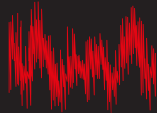
FLYBAR

### CONFIGURATION



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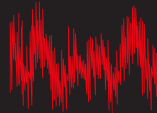
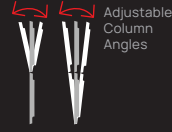
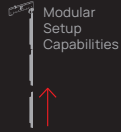


# Pinnacle-KR3

High-tech, lightweight powered stereo systems

## Pinnacle-KR402 II

- 4 x **Python-KP102 I**
- 1 x **Thunder-KS3 I**
- 1 x **Thunder-KS3P I**
- 4 x **K-JOINT3**
- 2 x **K-FOOT3**



## Pinnacle-KR402 II

- 4 x **Python-KP102 I**
- 1 x **Thunder-KS3 I**
- 1 x **Thunder-KS3P I**
- 4 x **K-JOINT3**
- 2 x **K-FOOT3**

- Event Productions
- Theaters
- Auditoriums and Concert Halls
- Houses of Worship
- Concerts and Live Events

### Speakers



#### Python-KP102 I

##### General

Type	Line array
Transducers	12 x 3.15" neodymium magnet woofers
Frequency Response	120 Hz – 18 kHz (-6 dB)
Max SPL	134 dB (peak)
Rated Power	720 W
Coverage	V. 7° - 30°   H. 90°
Connectors	SpeakOn NL4 1+ 1- (signal); 2+ 2- (through)
Nominal Impedance	4 Ω / 16 Ω selectable

##### Handling & Finishes

Dimensions (WxHxD)	89 x 1000 x 118 mm (3.5 x 39.4 x 4.7 in)
Weight	12.0 kg (26.5 lb)
Material	Stainless Steel
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64
EN54-24	EN 54-24:2008 compliant

### Subwoofer



Thunder-KS3 I



Thunder-KS3P I

#### Thunder-KS3 I

##### General

Type	Active subwoofer
Transducers	21" neodymium magnet woofer
Frequency Response	35 Hz – 150/450 Hz (-6 dB) crossover dependant
Crossover	DSP-controlled, Low Pass @ 150 Hz, preset dependant
Max SPL	139
Rated Power	2800W peak
Coverage	Omni
Connectors	Line Input: 2x XLR-F analog / AES3 Line Output: 2x XLR-M Link analog / AES3 Speaker Output: 2x SpeakON NL4 Mains powerCON TRUE1 TOP Networking and Data: 1x RJ45 4x USB-A
Nominal Impedance	4ohm subwoofer

##### Handling & Finishes

Dimensions (WxHxD)	735 x 580 x 700 mm (28.9 x 22.83 x 20.87 in)
Weight	56 kg (123.4 lb)
Material	Polyurea coated birch plywood
Colors	Black/White/Custom RAL
IP Rating	53
Output Power	4 x 1500W @ 4ohm
Power consumption	600 W @ 8 Ω load, Pink noise, 1/4 rated power

#### Thunder-KS3P I

##### General

Type	Passive subwoofer
Transducers	21" neodymium magnet woofer
Frequency Response	35 Hz – 150/300 Hz (-6 dB) crossover dependant
Crossover	DSP-controlled, Low Pass @ 150 Hz, preset dependant
Max SPL	139
Rated Power	2800W peak
Coverage	Omni
Connectors	2 x Speakon NL4

##### Handling & Finishes

Dimensions (WxHxD)	735 x 580 x 700 mm (28.9 x 22.83 x 20.87 in)
Weight	49,2 kg (108.5 lb)
Material	Polyurea coated birch plywood
Colors	Black/White/Custom RAL
IP Rating	54

- COLORS

Black

White

Custom RAL
- FINISHES

24K Gold

Polished

Brushed

### Accessories Included

K-JOINT3



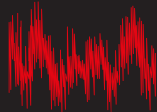
K-FOOT3



### CONFIGURATION

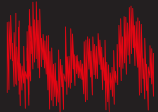
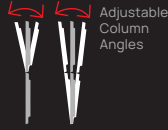
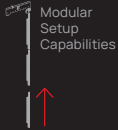


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# Pinnacle-KR3

High-tech, lightweight powered stereo systems



# Pinnacle-KR3

High-tech, lightweight powered stereo systems

SYSTEMS

- Event Productions
- Theaters
- Auditoriums and Concert Halls
- Houses of Worship
- Concerts and Live Events

## Pinnacle-KR404 II

- 8 x **Python-KP102 I**
- 2 x **Thunder-KS3 I**
- 2 x **Thunder-KS3P I**
- 2 x **Flybar**
- 8 x **K-JOINT3**
- 4 x **K-FOOT3**

### Speakers



#### Python-KP102 I

##### General

Type	Line array
Transducers	12 x 3.15" neodymium magnet woofers
Frequency Response	120 Hz – 18 kHz (-6 dB)
Max SPL	134 dB (peak)
Rated Power	720 W
Coverage	V. 7° - 30°   H. 90°
Connectors	SpeakOn NL4 1+ 1- (signal); 2+ 2- (through)
Nominal Impedance	4 Ω / 16 Ω selectable

##### Handling & Finishes

Dimensions (WxHxD)	89 x 1000 x 118 mm (3.5 x 39.4 x 4.7 in)
Weight	12.0 kg (26.5 lb)
Material	Stainless Steel
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64
EN54-24	EN 54-24:2008 compliant

### Subwoofer



Thunder-KS3 I



Thunder-KS3P I

#### Thunder-KS3 I

##### General

Type	Active subwoofer
Transducers	21" neodymium magnet woofer
Frequency Response	35 Hz – 150/450 Hz (-6 dB) crossover dependant
Crossover	DSP-controlled, Low Pass @ 150 Hz, preset dependant
Max SPL	139
Rated Power	2800W peak
Coverage	Omni
Connectors	Line Input: 2x XLR-F analog / AES3 Line Output: 2x XLR-M Link analog / AES3 Speaker Output: 2x SpeakON NL4 Mains powerCON TRUE1 TOP Networking and Data: 1x RJ45 4x USB-A
Nominal Impedance	4ohm subwoofer

##### Handling & Finishes

Dimensions (WxHxD)	735 x 580 x 700 mm (28.9 x 22.83 x 20.87 in)
Weight	56 kg (123.4 lb)
Material	Polyurea coated birch plywood
Colors	Black/White/Custom RAL
IP Rating	53
Output Power	4 x 1500W @ 4ohm
Power consumption	600 W @ 8 Ω load, Pink noise, 1/4 rated power

#### Thunder-KS3P I

##### General

Type	Passive subwoofer
Transducers	21" neodymium magnet woofer
Frequency Response	35 Hz – 150/300 Hz (-6 dB) crossover dependant
Crossover	DSP-controlled, Low Pass @ 150 Hz, preset dependant
Max SPL	139
Rated Power	2800W peak
Coverage	Omni
Connectors	2 x Speakon NL4

##### Nominal Impedance

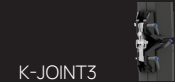
##### Handling & Finishes

Dimensions (WxHxD)	735 x 580 x 700 mm (28.9 x 22.83 x 20.87 in)
Weight	49,2 kg (108.5 lb)
Material	Polyurea coated birch plywood
Colors	Black/White/Custom RAL
IP Rating	54

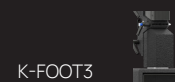
- COLORS
- Black
  - White
  - Custom RAL
- FINISHES
- 24K Gold
  - Polished
  - Brushed



### Accessories Included



K-JOINT3



K-FOOT3



FLYBAR

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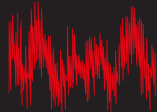
SYSTEMS

- Event Productions
- Theaters
- Auditoriums and Concert Halls
- Houses of Worship
- Concerts and Live Events

### CONFIGURATION





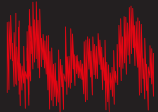
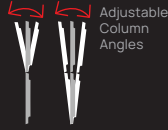
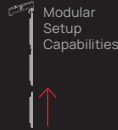


# Pinnacle-KR4

High-tech, lightweight powered stereo systems

## Pinnacle-KR802 II

- 4 x **Kayman-KY102**
- 1 x **Thunder-KS4 I**
- 1 x **Thunder-KS4P I**
- 4 x **K-JOINT3**
- 2 x **K-FOOT3**



## Pinnacle-KR802 II

- 4 x **Kayman-KY102**
- 1 x **Thunder-KS4 I**
- 1 x **Thunder-KS4P I**
- 4 x **K-JOINT3**
- 2 x **K-FOOT3**



### Speakers



#### Kayman-KY102

##### General

Type	Line array
Transducers	8 x 4" neodymium magnet woofers
Frequency Response	120 Hz – 20 kHz (-6 dB)
Max SPL	138 dB (peak)
Rated Power	1200 W
Coverage	V. 7° - 30°   H. 90°
Connectors	SpeakOn NL4 1+ 1- (signal); 2+ 2- (through)
Nominal Impedance	8 Ω / 32 Ω selectable

##### Handling & Finishes

Dimensions (WxHxD)	116 x 1000 x 134 mm (4.6 x 39.4 x 5.3 in)
Weight	14.9 kg (32.8 lb)
Material	Stainless Steel
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64

### Subwoofer



Thunder-KS4 I

##### General

Type	Active subwoofer
Transducers	2 x 18" neodymium magnet woofer
Frequency Response	35 Hz – 150/450 Hz (-6 dB) crossover dependant
Crossover	DSP-controlled, Low Pass @ 150 Hz, preset dependant



Thunder-KS4P I

##### General

Max SPL	141
Rated Power	2800W peak
Coverage	Omni
Connectors	Line Input: 2x XLR-F analog / AES3 Line Output: 2x XLR-M Link analog / AES3 Speaker Output: 2x SpeakON NL4 Mains powerCON TRUE1 TOP Networking and Data: 1x RJ45 4x USB-A
Nominal Impedance	4ohm subwoofer

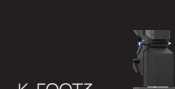
##### Handling & Finishes

Dimensions (WxHxD)	1106 x 500 x 580 mm (43.5 x 19.7 x 22.8 in)
Weight	60 kg (132.3 lb)
Material	Polyurea coated birch plywood
Colors	Black/White/Custom RAL
IP Rating	53
Output Power	4 x 2500W @ 4ohm
Power consumption	600 VA @ 8 Ω load, Pink noise, 1/8 rated power

### Accessories Included



K-JOINT3



K-FOOT3

#### Thunder-KS4P I

##### General

Type	Passive subwoofer
Transducers	2 x 18" neodymium magnet woofer
Frequency Response	35 Hz – 150/300 Hz (-6 dB) crossover dependant
Crossover	DSP-controlled, Low Pass @ 150 Hz, preset dependant

##### General

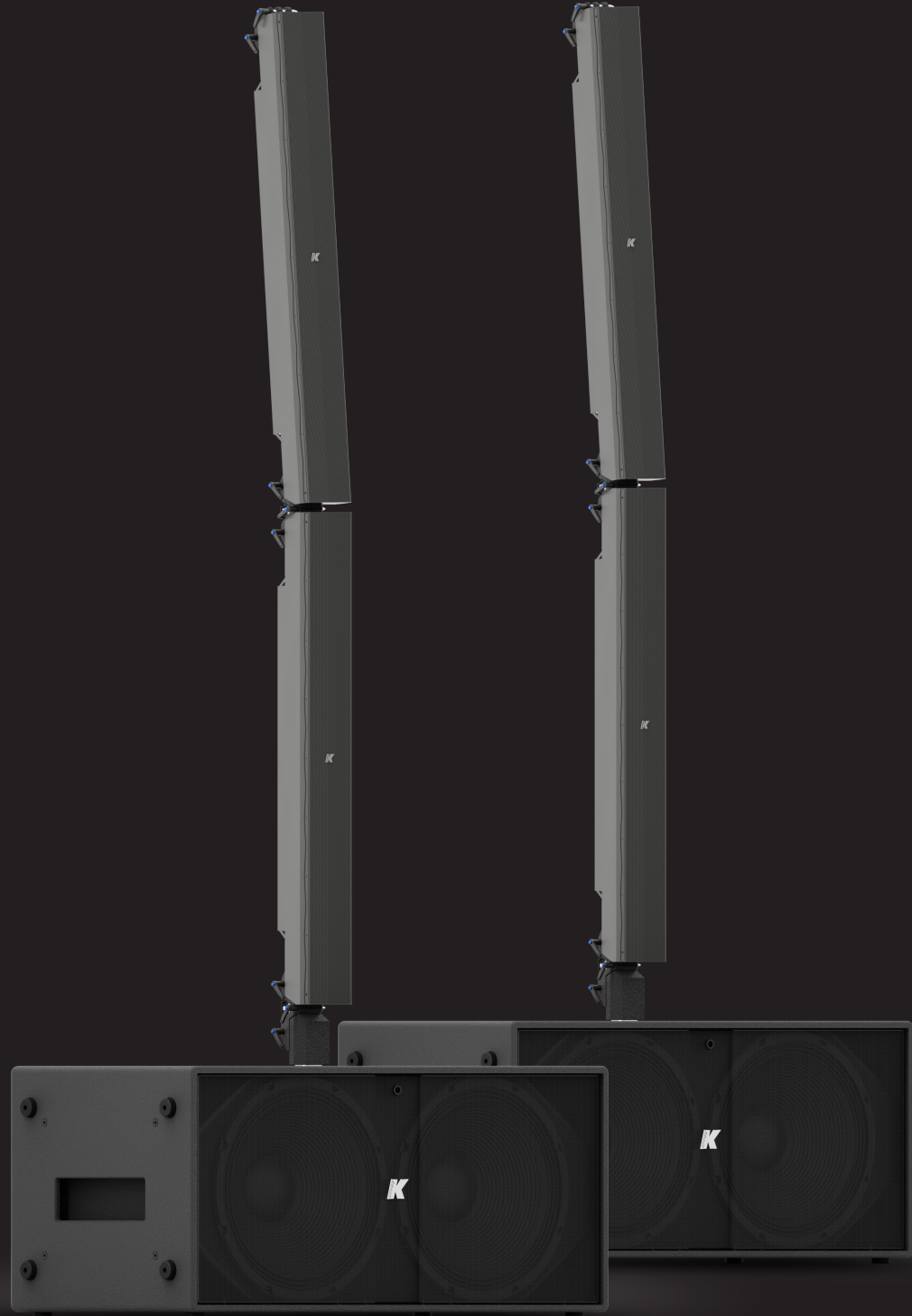
Max SPL	141
Rated Power	2800W peak
Coverage	Omni
Connectors	2 x Speakon NL4

##### Nominal Impedance

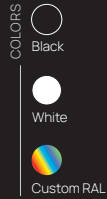
4ohm

##### Handling & Finishes

Dimensions (WxHxD)	1106 x 500 x 580 mm (43.5 x 19.7 x 22.8 in)
Weight	53,2 kg (117.3 lb)
Material	Polyurea coated birch plywood
Colors	Black/White/Custom RAL
IP Rating	54

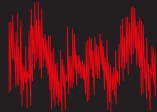


### CONFIGURATION



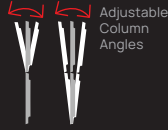
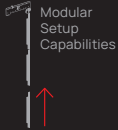
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# Pinnacle-KR4

High-tech, lightweight powered stereo systems



SYSTEMS

- Event Productions
- Theaters
- Auditoriums and Concert Halls
- Houses of Worship
- Concerts and Live Events

## Pinnacle-KR804 II

- 8 x **Kayman-KY102**
- 2 x **Thunder-KS4 I**
- 2 x **Thunder-KS4P I**
- 2 x **Flybar**
- 8 x **K-JOINT3**
- 4 x **K-FOOT3**

### Speakers



#### Kayman-KY102

##### General

Type	Line array
Transducers	8 x 4" neodymium magnet woofers
Frequency Response	120 Hz – 20 kHz (-6 dB)
Max SPL	138 dB (peak)
Rated Power	1200 W
Coverage	V. 7° - 30°   H. 90°
Connectors	SpeakOn NL4 1+ 1- (signal); 2+ 2- (through)
Nominal Impedance	8 Ω / 32 Ω selectable

##### Handling & Finishes

Dimensions (WxHxD)	116 x 1000 x 134 mm (4.6 x 39.4 x 5.3 in)
Weight	14.9 kg (32.8 lb)
Material	Stainless Steel
Colors	Black, White, Custom RAL
Finishes	24K Gold, Polished, Brushed
IP Rating	IP64

### Subwoofer



Thunder-KS4 I

#### Thunder-KS4 I

##### General

Type	Active subwoofer
Transducers	2 x 18" neodymium magnet woofer
Frequency Response	35 Hz – 150/450 Hz (-6 dB) crossover dependant
Crossover	DSP-controlled, Low Pass @ 150 Hz, preset dependant
Max SPL	141
Rated Power	2800W peak
Coverage	Omni
Connectors	Line Input: 2x XLR-F analog / AES3 Line Output: 2x XLR-M Link analog / AES3 Speaker Output: 2x SpeakON NL4 Mains powerCON TRUE1 TOP Networking and Data: 1x RJ45 4x USB-A

##### Nominal Impedance

##### Handling & Finishes

Dimensions (WxHxD)	1106 x 500 x 580 mm (43.5 x 19.7 x 22.8 in)
Weight	60 kg (132.3 lb)
Material	Polyurea coated birch plywood
Colors	Black/White/Custom RAL
IP Rating	53
Output Power	4 x 2500W @ 4ohm
Power consumption	600 VA @ 8 Ω load, Pink noise, 1/8 rated power

### Accessories Included



K-JOINT3



K-FOOT3



FLYBAR

- COLORS
- Black
  - White
  - Custom RAL

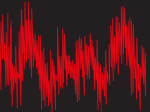
- FINISHES
- 24K Gold
  - Polished
  - Brushed



The product performance data shown here is a first reference. We strongly advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)

# Pinnacle-KR3

High-tech, lightweight powered stereo systems



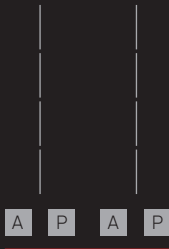
## Pinnacle-KR804 II

- 8 x **Kayman-KY102**
- 2 x **Thunder-KS4 I**
- 2 x **Thunder-KS4P I**
- 2 x **Flybar**
- 8 x **K-JOINT3**
- 2 x **K-FOOT3**

SYSTEMS

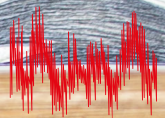
- Event Productions
- Theaters
- Auditoriums and Concert Halls
- Houses of Worship
- Concerts and Live Events

### CONFIGURATION

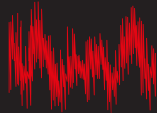




**Thunder**  
Ultra-light, high power subwoofers



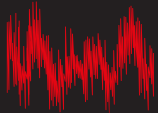




**Thunder**  
Ultra-light, high power subwoofers



**Thunder**  
Ultra-light, high power subwoofers



SUBWOOFERS



Event Productions



Theaters



Auditoriums and Concert Halls



Nightclubs and Lounges



Boardrooms and  
Conference Rooms



Concerts and Live Events

SUBWOOFERS



Event Productions



Theaters



Auditoriums and Concert Halls



Nightclubs and Lounges



Boardrooms and  
Conference Rooms



Concerts and Live Events



### Thunder-KS1 I

General	
Type	Active subwoofer
Transducers	12" neodymium magnet woofer
Frequency Response	35 Hz – 150/450 Hz (-6 dB) crossover dependant
Crossover	DSP-controlled, Low Pass @ 150 Hz, preset dependant
Max SPL	134 dB
Rated Power	1200W peak
Coverage	Omni
Connectors	Line Input: 2x XLR-F analog / AES3 Line Output: 2x XLR-M Link analog / AES3 Speaker Output: 2x SpeakON NL4 Mains powerCON TRUE TOP Networking and Data: 1x RJ45 4x USB-A

Handling & Finishes	
Dimensions (WxHxD)	500 x 350 x 440 mm (19.7 x 13.8 x 17.3 in)
Weight	21,6 kg (47.62 lb)
Material	Polyurea coated birch plywood
Colors	Black/White/Custom RAL
IP Rating	53
Output Power	4 x 1500W @ 4ohm
Power consumption	600 W @ 8 Ω load, Pink noise, 1/4 rated power

### Thunder-KS1P I

General	
Type	Passive subwoofer
Transducers	12" neodymium magnet woofer
Frequency Response	35 Hz – 150/450 Hz (-6 dB) crossover dependant
Crossover	External DSP-controlled, Low Pass @ 150 Hz up to 450 Hz, preset dependant
Max SPL	134 dB
Rated Power	1200W peak
Coverage	Omni
Connectors	2 x Speakon NL4
Nominal Impedance	8ohm

Handling & Finishes	
Dimensions (WxHxD)	500 x 350 x 440 mm (19.7 x 13.8 x 17.3 in)
Weight	18 kg (39.7 lb)
Material	Polyurea coated birch plywood
Colors	Black/White/Custom RAL
IP Rating	54

The product performance data shown here is a first reference. We strongly  
advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)

### Thunder-KS2 I

General	
Type	Active subwoofer
Transducers	18" neodymium magnet woofer
Frequency Response	35 Hz – 150/450 Hz (-6 dB) crossover dependant
Crossover	DSP-controlled, Low Pass @ 150 Hz, preset dependant
Max SPL	137 dB
Rated Power	1400W peak
Coverage	Omni
Connectors	Line Input: 2x XLR-F analog / AES3 Line Output: 2x XLR-M Link analog / AES3 Speaker Output: 2x SpeakON NL4 Mains powerCON TRUE TOP Networking and Data: 1x RJ45 4x USB-A

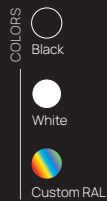
Handling & Finishes	
Dimensions (WxHxD)	650 x 500 x 580 mm (25.6 x 19.7 x 22.8 in)
Weight	37,6 kg (82.9 lb)
Material	Polyurea coated birch plywood
Colors	Black/White/Custom RAL
IP Rating	53
Output Power	4 x 1500W @ 4ohm
Power consumption	600 W @ 8 Ω load, Pink noise, 1/4 rated power

### Thunder-KS2P I

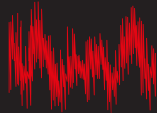
General	
Type	Passive subwoofer
Transducers	18" neodymium magnet woofer
Frequency Response	35 Hz – 150/450 Hz (-6 dB) crossover dependant
Crossover	External DSP-controlled, Low Pass @ 150 Hz up to 450 Hz, preset dependant
Max SPL	137 dB
Rated Power	1400W peak
Coverage	Omni
Connectors	2 x Speakon NL4
Nominal Impedance	8ohm

Handling & Finishes	
Dimensions (WxHxD)	650 x 500 x 580 mm (25.6 x 19.7 x 22.8 in)
Weight	34 kg (75 lb)
Material	Polyurea coated birch plywood
Colors	Black/White/Custom RAL
IP Rating	54

The product performance data shown here is a first reference. We strongly  
advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)



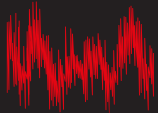




**Thunder**  
Ultra-light, high power subwoofers



**Thunder**  
Ultra-light, high power subwoofers



SUBWOOFERS



Event Productions



Theaters



Auditoriums and Concert Halls



Nightclubs and Lounges



Boardrooms and  
Conference Rooms



Concerts and Live Events



### Thunder-KS3 I

#### General

Type	Active subwoofer
Transducers	21" neodymium magnet woofer
Frequency Response	35 Hz – 150/450 Hz (-6 dB) crossover dependant
Crossover	DSP-controlled, Low Pass @ 150 Hz, preset dependant
Max SPL	139
Rated Power	2800W peak
Coverage	Omni
Connectors	Line Input: 2x XLR-F analog / AES3 Line Output: 2x XLR-M Link analog / AES3 Speaker Output: 2x SpeakON NL4 Mains powerCON TRUE1 TOP Networking and Data: 1x RJ45 4x USB-A

#### Handling & Finishes

Dimensions (WxHxD)	735 x 580 x 700 mm (28.9 x 22.83 x 20.87 in)
Weight	56 kg (123.4 lb)
Material	Polyurea coated birch plywood
Colors	Black/White/Custom RAL
IP Rating	53
Output Power	4 x 1500W @ 4ohm
Power consumption	600 W @ 8 Ω load, Pink noise, 1/4 rated power

#### General

Type	Passive subwoofer
Transducers	21" neodymium magnet woofer
Frequency Response	35 Hz – 150/300 Hz (-6 dB) crossover dependant
Crossover	DSP-controlled, Low Pass @ 150 Hz, preset dependant
Max SPL	139
Rated Power	2800W peak
Coverage	Omni
Connectors	2 x Speakon NL4
Nominal Impedance	4ohm

#### Handling & Finishes

Dimensions (WxHxD)	735 x 580 x 700 mm (28.9 x 22.83 x 20.87 in)
Weight	49,2 kg (108.5 lb)
Material	Polyurea coated birch plywood
Colors	Black/White/Custom RAL
IP Rating	54

The product performance data shown here is a first reference. We strongly advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)

### Thunder-KS4 I

#### General

Type	Active subwoofer
Transducers	2 x 18" neodymium magnet woofer
Frequency Response	35 Hz – 150/450 Hz (-6 dB) crossover dependant
Crossover	DSP-controlled, Low Pass @ 150 Hz, preset dependant
Max SPL	141
Rated Power	2800W peak
Coverage	Omni
Connectors	Line Input: 2x XLR-F analog / AES3 Line Output: 2x XLR-M Link analog / AES3 Speaker Output: 2x SpeakON NL4 Mains powerCON TRUE1 TOP Networking and Data: 1x RJ45 4x USB-A

#### Handling & Finishes

Dimensions (WxHxD)	1106 x 500 x 580 mm (43.5 x 19.7 x 22.8 in)
Weight	60 kg (132.3 lb)
Material	Polyurea coated birch plywood
Colors	Black/White/Custom RAL
IP Rating	53
Output Power	4 x 2500W @ 4ohm
Power consumption	600 VA @ 8 Ω load, Pink noise, 1/8 rated power

#### General

Type	Passive subwoofer
Transducers	2 x 18" neodymium magnet woofer
Frequency Response	35 Hz – 150/300 Hz (-6 dB) crossover dependant
Crossover	DSP-controlled, Low Pass @ 150 Hz, preset dependant
Max SPL	141
Rated Power	2800W peak
Coverage	Omni
Connectors	2 x Speakon NL4
Nominal Impedance	4ohm

#### Handling & Finishes

Dimensions (WxHxD)	1106 x 500 x 580 mm (43.5 x 19.7 x 22.8 in)
Weight	53,2 kg (117.3 lb)
Material	Polyurea coated birch plywood
Colors	Black/White/Custom RAL
IP Rating	54

The product performance data shown here is a first reference. We strongly advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)

COLORS



COLORS



SUBWOOFERS



Event Productions



Theaters



Auditoriums and Concert Halls



Nightclubs and Lounges

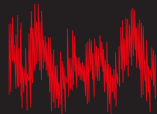


Boardrooms and  
Conference Rooms



Concerts and Live Events





**Thunder**  
Ultra-light, high power subwoofers



SUBWOOFERS



Event Productions



Theaters



Auditoriums and Concert Halls



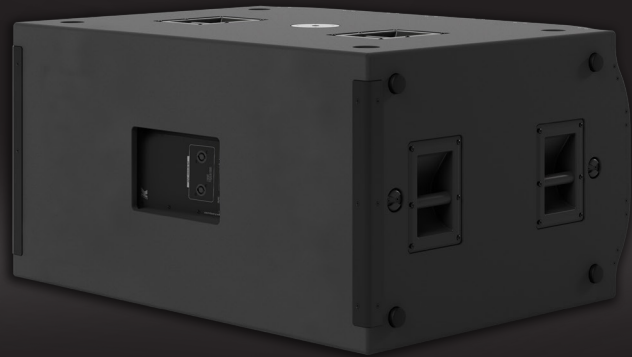
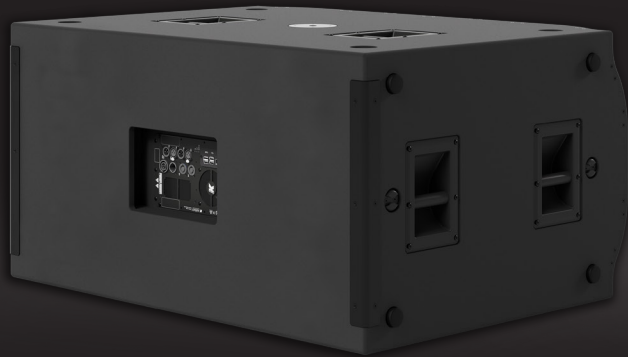
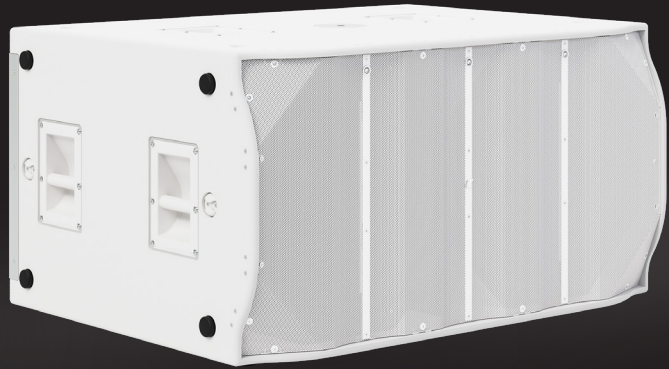
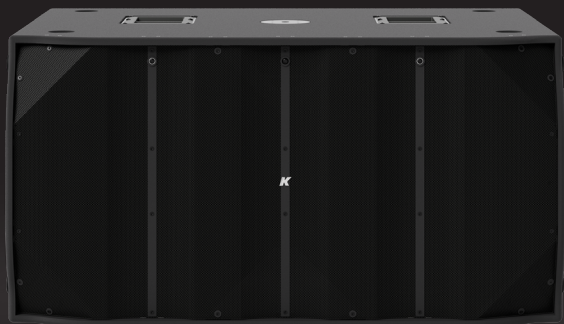
Nightclubs and Lounges



Boardrooms and  
Conference Rooms



Concerts and Live Events



### Thunder-KS5 I

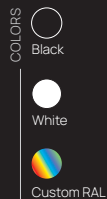
General	
Type	Active subwoofer
Transducers	2 x 21" neodymium magnet woofer
Frequency Response	35 Hz – 150/450 Hz (-6 dB) crossover dependant
Crossover	DSP-controlled, Low Pass @ 150 Hz, preset dependant
Max SPL	145
Coverage	Omni
Connectors	Line Input: 2x XLR-F analog / AES3 Line Output: 2x XLR-M Link analog / AES3 Speaker Output: 2x SpeakON NL4 Mains powerCON TRUE1 TOP Networking and Data: 1x RJ45 4x USB-A

Handling & Finishes	
Dimensions (WxHxD)	1140 x 590 x 850 mm (44.9 x 23.2 x 33.5 in)
Weight	104.4 kg (230.16 lb)
Material	Polyurea coated birch plywood
Colors	Black/White/Custom RAL
IP Rating	53
Output Power	2 x 2500W @ 4ohm
Power consumption	600 VA @ 8 Ω load, Pink noise, 1/8 rated power

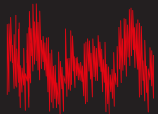
General	
Type	Active subwoofer
Transducers	2 x 21" neodymium magnet woofer
Frequency Response	35 Hz – 150/450 Hz (-6 dB) crossover dependant
Crossover	DSP-controlled, Low Pass @ 150 Hz, preset dependant
Max SPL	145
Coverage	Omni
Connectors	Line Input: 2x XLR-F analog / AES3 Line Output: 2x XLR-M Link analog / AES3 Speaker Output: 2x SpeakON NL4 Mains powerCON TRUE1 TOP Networking and Data: 1x RJ45 4x USB-A

Handling & Finishes	
Dimensions (WxHxD)	1140 x 590 x 850 mm (44.9 x 23.2 x 33.5 in)
Weight	104.4 kg (230.16 lb)
Material	Polyurea coated birch plywood
Colors	Black/White/Custom RAL
IP Rating	53
Output Power	2 x 2500W @ 4ohm
Power consumption	600 VA @ 8 Ω load, Pink noise, 1/8 rated power

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**Thunder**  
Ultra-light, high power subwoofers



SUBWOOFERS



Event Productions



Theaters



Auditoriums and Concert Halls



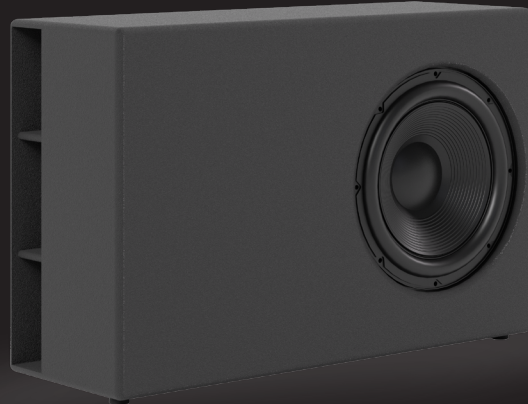
Nightclubs and Lounges



Boardrooms and  
Conference Rooms



Concerts and Live Events



### Thunder-KSC18P

General	
Type	Passive subwoofer
Transducers	18" neodymium magnet with 4.5" voice coil
Frequency Response	15 Hz – 150 Hz (-6 dB)
Crossover	DSP-controlled, preset dependant
Max SPL	134 dB (peak)
Rated Power	3600 W
Coverage	Omni
Connectors	SpeakOn NL4
Nominal Impedance	4 Ω

Handling & Finishes	
Dimensions (WxHxD)	1100 x 700 x 380 mm (43.3 x 27.6 x 15 in)
Weight	53 kg (116.85 lb)
Material	Wood
Colors	Black
IP Rating	IP40

The product performance data shown here is a first reference. We strongly advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)



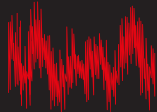


**Mugello**

Electronic beam steerable, powered line array speakers



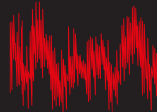




**Mugello**  
Electronic beam steerable,  
powered line array speakers



**Mugello**  
Electronic beam steerable,  
powered line array speakers



SPEAKERS



Theaters



Large  
Congregations



Stadiums  
and Sport Venues



Nightclubs  
and Lounges



Concerts  
and Live Events



### Mugello-KH2 I

General		Handling & Finishes	
Type	Active line array element	Dimensions (WxHxD)	860 x 370 x 210 mm (33.8 x 14.6 x 8.3 in) with rigging hardware 735 x 285 x 200 mm (28.9 x 11.2 x 7.9 in) net dimensions
Transducers	2x 8" neodymium magnet woofer with 2.5" voice coil 2x compression driver with 2.5" voice coil	Weight	29 kg / 63.93 lb (with rigging hardware)
FrequencyResponse	120 Hz – 19 kHz (-6 dB)	Material	Polyurea coated birch plywood
Max SPL	136 dB peak	Colors	Black, White, Custom RAL
Coverage	V. 20° digitally adjustable in array   H. 110°	IP Rating	IP20
Remote Control	Wi-Fi dedicated Mobile APP K-framework3 via wired Ethernet connection	Amp Module	4 ch Class D amp module
Connectors	Line Input 2x XLR-F analog / AES3 Line Output 2x XLR-M Link analog / AES3 Speaker Output 1x SpeakON NL4 Mains power CON TRUE TOP Networking and Data 1x RJ45   4x USB-A	Output Power	4 x 1500W @ 4ohm
Built-in DSP	Input gain, delay up to 330 ms, 8 full parametric IIR filters (Peaking, Shelving, Hi/Lo pass, Hi/Lo Butterworth), FIR filter for electronic beam steering Onboard preset, Level and temperature remote monitoring	Power Consumption	600 W @ 8 Ω load, Pink noise, 1/4 rated power
		Protections	Over Temp. (Power Limiting – Thermal Shutdown), Short Circuit/Overload Output Protection, Power Limiting, Clip Limiter/Permanent Signal Limiter, High Frequency Protection
		Operating Range	100-240V AC, 50-60 Hz with PFC
		Mains Connector	powerCON TRUE TOP

COLORS



The product performance data shown here is a first reference. We strongly advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)



### Mugello-KH2P I

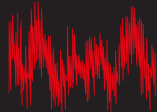
General		Handling & Finishes	
Type	Passive line array element	Dimensions (WxHxD)	860 x 370 x 210 mm (33.8 x 14.6 x 8.3 in) with rigging hardware 735 x 285 x 200 mm (28.9 x 11.2 x 7.9 in) net dimensions
Transducers	2x 8" neodymium magnet woofer with 2.5" voice coil 2x compression driver with 2.5" voice coil	Weight	24 kg / 53 lb (with rigging hardware)
FrequencyResponse	120 Hz – 19 kHz (-6 dB)	Material	Polyurea coated birch plywood
Max SPL	136 dB peak	Colors	Black, White, Custom RAL
Rated Power	Bi-amp: Hi: 250 Wpeak   Lo: 1200 Wpeak	IP Rating	IP54
Coverage	Hi: 16 ohm   Lo: 8 ohm		
Nominal Impedence	V. 20° digitally adjustable in array   H. 110°		
Connectors	SpeakON 1 1+ 1- Driver 250W@16ohm 2+ 2- Woofer 1200W@8ohm SpeakON 2 Link (SpeakON 1)		

COLORS



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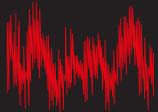




**Mugello**  
Electronic beam steerable,  
powered line array speakers



**Mugello**  
Electronic beam steerable,  
powered line array speakers



SPEAKERS



Theaters



Large  
Congregations



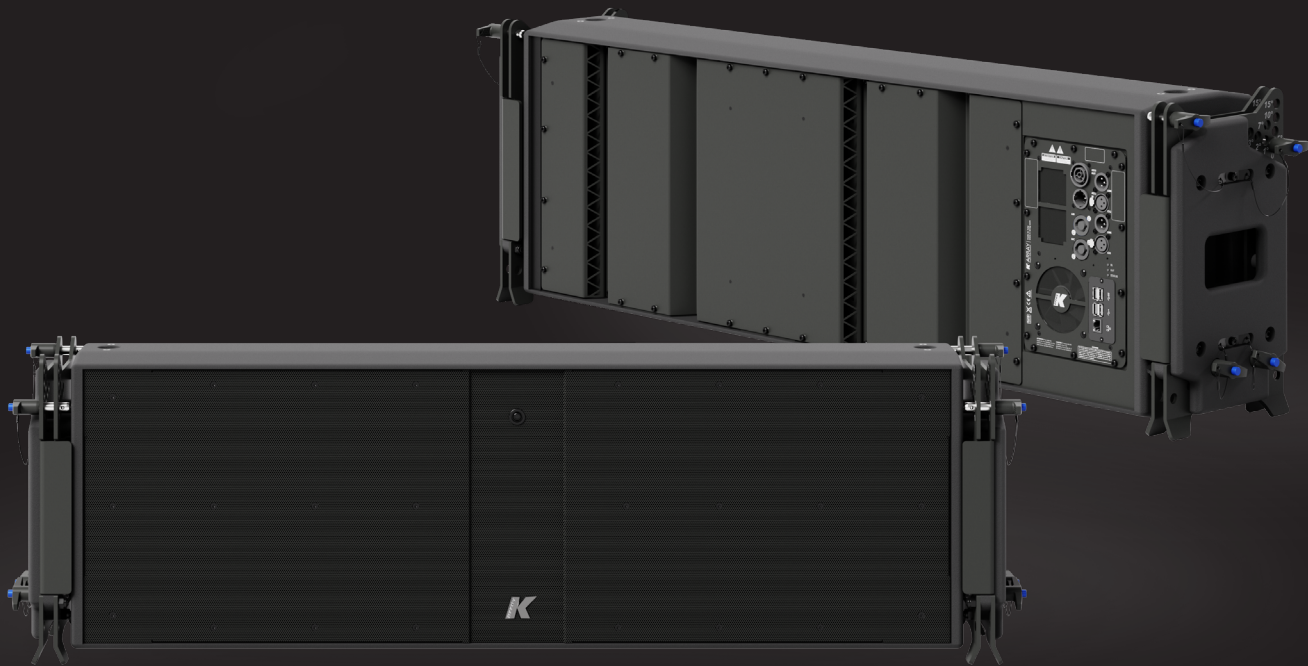
Stadiums  
and Sport Venues



Nightclubs  
and Lounges



Concerts  
and Live Events



### Mugello-KH3 I

#### General

Type	Active line array element
Transducers	2x 12" neodymium magnet woofer with 2.5" voice coil 2x compression driver with 2.5" voice coil
FrequencyResponse	120 Hz – 19 kHz (-6 dB)
Max SPL	138 dB peak
Coverage	V. 20° digitally adjustable in array   H. 110°
Remote Control	Wi-Fi dedicated Mobile APP K-framework3 via wired Ethernet connection
Connectors	Line Input 2x XLR-F analog / AES3 Line Output 2x XLR-M Link analog / AES3 Speaker Output 1x SpeakON NL4 Mains power CON TRUE TOP Networking and Data 1x RJ45   4x USB-A
Built-in DSP	Input gain, delay up to 330 ms, 8 full parametric IIR filters (Peaking, Shelving, Hi/Lo pass, Hi/Lo Butterworth), FIR filter for electronic beam steering Onboard preset, Level and temperature remote monitoring

#### Handling & Finishes

Dimensions (WxHxD)	1218 x 456 x 210 mm (47.9 x 17.9 x 8.3 in) with rigging hardware 1104 x 370 x 200 mm (43.5 x 14.5 x 7.9 in) net dimensions
Weight	43,6 kg / 96,12 lb (with rigging hardware)
Material	Polyurea coated birch plywood
Colors	Black, White, Custom RAL
IP Rating	IP20
Amp Module	4 ch Class D amp module
Output Power	4 x 1500W @ 4ohm
Power Consumption	600 W @ 8 $\Omega$ load, Pink noise, 1/4 rated power
Protections	Over Temp. (Power Limiting – Thermal Shutdown), Short Circuit/Overload Output Protection, Power Limiting, Clip Limiter/Permanent Signal Limiter, High Frequency Protection
Operating Range	100-240V AC, 50-60 Hz with PFC
Mains Connector	powerCON TRUE TOP

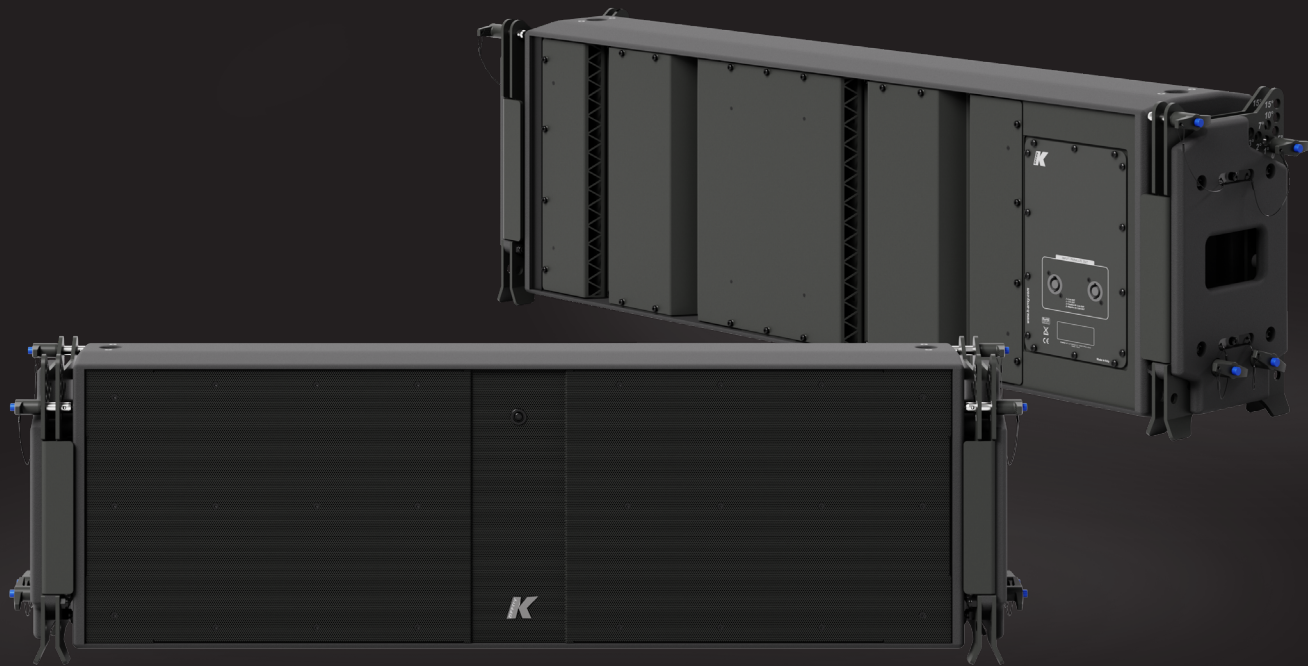
COLORS



Custom RAL



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advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)



### Mugello-KH3P I

#### General

Type	Passive line array element
Transducers	2x 12" neodymium magnet woofer with 2.5" voice coil 2x compression driver with 2.5" voice coil
FrequencyResponse	120 Hz – 19 kHz (-6 dB)
Max SPL	138 dB peak
Rated Power	Bi-amp: Hi: 250 Wpeak   Lo: 1200 Wpeak
Coverage	Hi: 16 ohm   Lo: 8 ohm
Nominal Impedence	V. 20° digitally adjustable in array   H. 110°
Connectors	SpeakON 1 1+ 1- Driver 250W@16ohm 2+ 2- Woofer 1200W@8ohm SpeakON 2 Link (SpeakON 1)

#### Handling & Finishes

Dimensions (WxHxD)	1218 x 456 x 210 mm (47.9 x 17.9 x 8.3 in) with rigging hardware 1104 x 370 x 200 mm (43.5 x 14.5 x 7.9 in) net dimensions
Weight	38,6 kg / 85 lb (with rigging hardware)
Material	Polyurea coated birch plywood
Colors	Black, White, Custom RAL
IP Rating	IP54

COLORS



Custom RAL



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SPEAKERS



Theaters



Large  
Congregations



Stadiums  
and Sport Venues

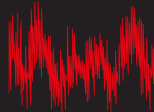


Nightclubs  
and Lounges



Concerts  
and Live Events

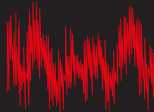




**Mugello**  
Electronic beam steerable,  
powered line array speakers



**Mugello**  
Electronic beam steerable,  
powered line array speakers



SPEAKERS



Theaters



Large  
Congregations



Stadiums  
and Sport Venues



Nightclubs  
and Lounges



Concerts  
and Live Events



**Mugello-KH5 I**

General

Type	Active line array element
Transducers	2x 15" neodymium magnet woofer with 2.5" voice coil 4x compression driver with 2.5" voice coil
FrequencyResponse	120 Hz – 19 kHz (-6 dB)
Max SPL	140 dB peak
Coverage	V. 7° digitally adjustable in array I H. 110°
Remote Control	Wi-Fi dedicated Mobile APP K-framework3 via wired Ethernet connection
Connectors	Line Input 2x XLR-F analog / AES3 Line Output 2x XLR-M Link analog / AES3 Speaker Output 1x SpeakON NL4 Mains power CON TRUE TOP Networking and Data 1x RJ45 I 4x USB-A
Built-in DSP	Input gain, delay up to 330 ms, 8 full parametric IIR filters (Peaking, Shelving, Hi/Lo pass, Hi/Lo Butterworth), FIR filter for electronic beam steering Onboard preset, Level and temperature remote monitoring

Handling & Finishes

Dimensions (WxHxD)	1218 x 604 x 210 mm (47.9 x 23.8 x 8.3 in) with rigging hardware 1104 x 520 x 200 mm (43.5 x 20.5 x 7.9 in) net imensions
Weight	64 kg / 134.48 lb (with rigging hardware)
Material	Polyurea coated birch plywood
Colors	Black, White, Custom RAL
IP Rating	IP20
Amp Module	4 ch Class D amp module
Output Power	4 x 1500W @ 4ohm
Power Consumption	600 W @ 8 Ω load, Pink noise, 1/4 rated power
Protections	Over Temp. (Power Limiting – Thermal Shutdown), Short Circuit/Overload Output Protection, Power Limiting, Clip Limiter/Permanent Signal Limiter, High Frequency Protection
Operating Range	100-240V AC, 50-60 Hz with PFC
Mains Connector	powerCON TRUE TOP

COLORS



Black



White



Custom RAL



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advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)



**Mugello-KH5P I**

General

Type	Passive line array element
Transducers	2x 15" neodymium magnet woofer with 2.5" voice coil 4x compression driver with 2.5" voice coil
FrequencyResponse	120 Hz – 19 kHz (-6 dB)
Max SPL	140 dB peak
Rated Power	Quad-amp: Hi: 2x 250 Wpeak I Lo: 2x 800 Wpeak
Coverage	Hi: 16 ohm I Lo: 8 ohm
Nominal Impedence	V. 7° digitally adjustable in array I H. 110°
Connectors	SpeakON 1 1+ 1- Driver 250W@16ohm 2+ 2- Woofer 800W@8ohm SpeakON 2 1+ 1- Driver 250W@16ohm 2+ 2- Woofer 800W@8ohm SpeakON 3 Link (SpeakON 1) SpeakON 4 Link (SpeakON 2)

Handling & Finishes

Dimensions (WxHxD)	1218 x 604 x 210 mm (47.9 x 23.8 x 8.3 in) with rigging hardware 1104 x 520 x 200 mm (43.5 x 20.5 x 7.9 in) net imensions
Weight	59 kg / 130 lb (with rigging hardware)
Material	Polyurea coated birch plywood
Colors	Black, White, Custom RAL
IP Rating	IP54

COLORS



Black



White



Custom RAL

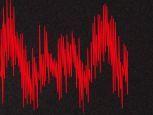


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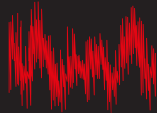


**Firenze**

Electronic beam steerable, state-of-the-art touring systems







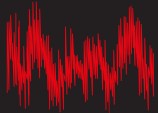
**Firenze**

Electronic beam steerable, state-of-the-art touring systems

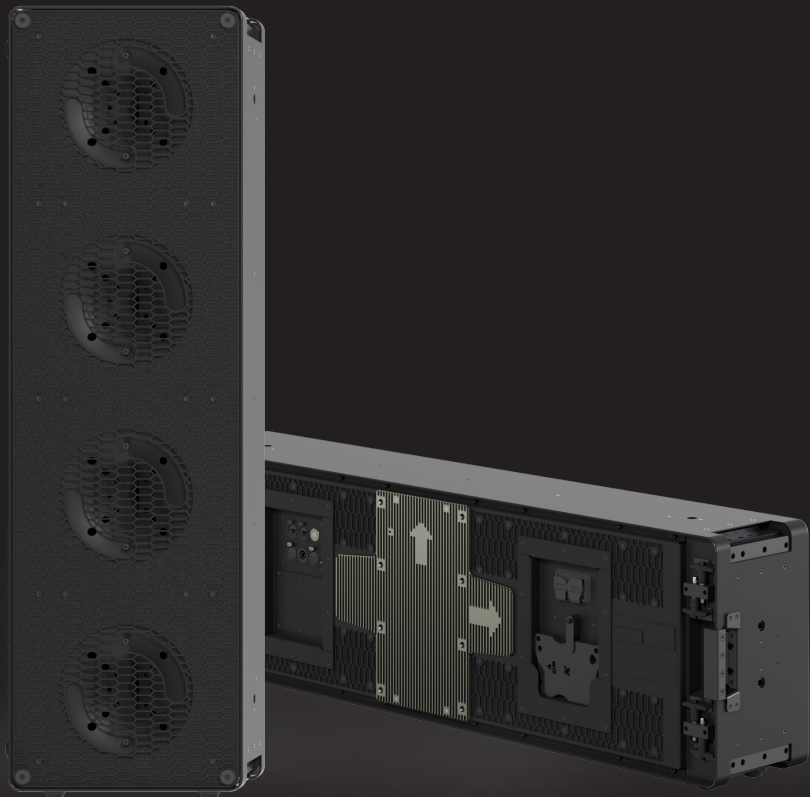


**Firenze**

Electronic beam steerable, state-of-the-art touring systems

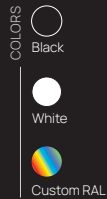


SPEAKERS

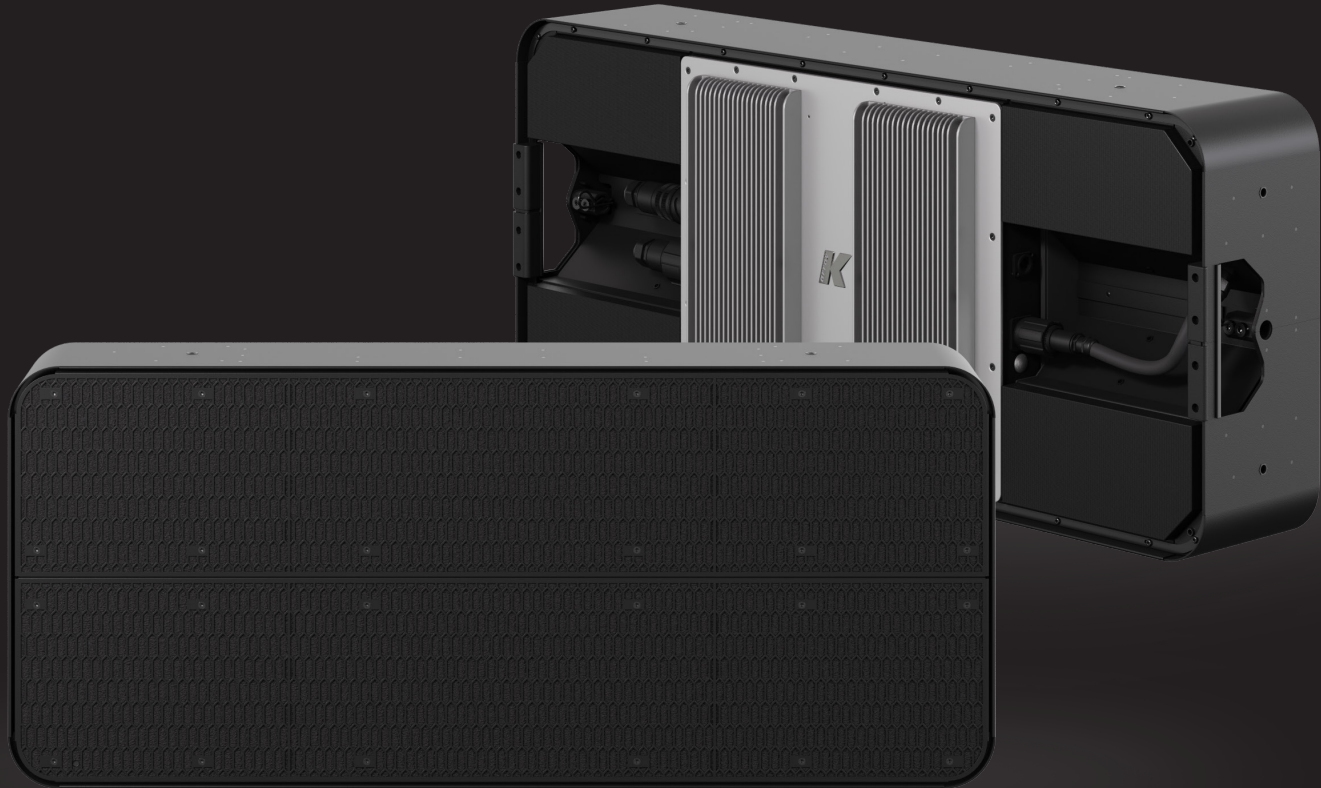


**Firenze-KH7**

General		Handling & Finishes	
Type	Active line array element	Dimensions (WxHxD)	1170 x 350 x 200 mm (46 x 13.8 x 7.9 in)
Transducers	4x Coaxial 12" Neodymium magnet driver with 3" voice coil + compression driver with 2" voice coil"	Weight	52 kg (114.64 lb)
FrequencyResponse	90 Hz - 18 kHz (-6 dB)	Material	Stainless Steel
Max SPL	141 dB peak	Colors	Black, White, Custom RAL
Coverage	100° H / 30° V or 30° H / 100° V + digital adjustment with Electronic Beam Steering	IP Rating	IP53
Controllers	Remote control with dedicated PC software via Ethernet	Amp Module	4-ch., switch mode, class D
Connectors	Analogue: 1x XLR (bal) input signal 1x XLR (bal) parallel output Digital: 1x XLR AES3 input	Output Power	4x 2000 W @ 4 Ω 1% THD+N
Built-in DSP	Input gain, delay up to 2 s, Full parametric IIR filters (Peaking, Shelving, Hi/Lo pass, Hi/Lo Butterworth), FIR filter for digital beam steering Level and Temperature remote monitoring	Power Consumption	600 W @ 8 Ω load, Pink noise 1/8 rated power
		Protections	Over Temp. (Power Limiting - Thermal Shutdown), Short Circuit/Overload Output Protection, Power Limiting, Clip Limiter/Permanent Signal Limiter, High Frequency Protection*power
		Operating Range	100-240V AC, 50-60 Hz with PFC
		Mains Connector	powerCON True with link inlet



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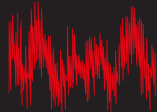
**Firenze-KH8**

General		Handling & Finishes	
Type	Active line array element	Dimensions (WxHxD)	1170 x 500 x 226 mm (46.1 x 19.7 x 8.89 in)
Transducers	8x 8" Neodymium magnet woofer with 2.5" voice coil 8x 4" Neodymium magnet drivers with 1.5" voice coil 4x Neodymium magnet compression driver with 1.5" voice coil	Weight	75.2 kg (159.84 lb)
FrequencyResponse	70 Hz - 18 kHz (-3 dB)	Material	Stainless Steel
Max SPL	145 dB peak	Colors	Black, White, Custom RAL
Coverage	Horizontal: 120° Vertical: digitally adjustable with Electronic Beam Steering	IP Rating	Speaker Box: IP45 / Electronics: IP65
Controllers	Remote control with dedicated PC software via Ethernet	Amp Module	4-ch., switch mode, class D
Connectors	Analogue, AES3 and Remote control: Easy-grip metal locking LK25 connector (MIL C 5015 and VG95234 spec.)	Output Power	8x 2000 W @ 4 Ω 1% THD+N
Built-in DSP	Input gain, delay up to 2 s, Full parametric IIR filters (Peaking, Shelving, Hi/Lo pass, Hi/Lo Butterworth), FIR filter for digital beam steering Level and Temperature remote monitoring	Power Consumption	1250 W @ 4 Ω load, Pink noise 1/8 rated power
		Protections	Over Temp. (Power Limiting - Thermal Shutdown), Short Circuit/Overload Output Protection, Power Limiting, Clip Limiter/Permanent Signal Limiter, High Frequency Protection
		Operating Range	100-240V AC, 50-60 Hz with PFC
		Mains Connector	powerCON True



The product performance data shown here is a first reference. We strongly advise that you download the latest datasheet online at [www.k-array.com](http://www.k-array.com)





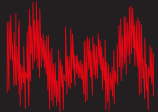
**Firenze**

Electronic beam steerable, state-of-the-art touring systems



**Firenze**

Electronic beam steerable, state-of-the-art touring systems

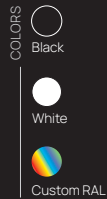


SUBWOOFERS

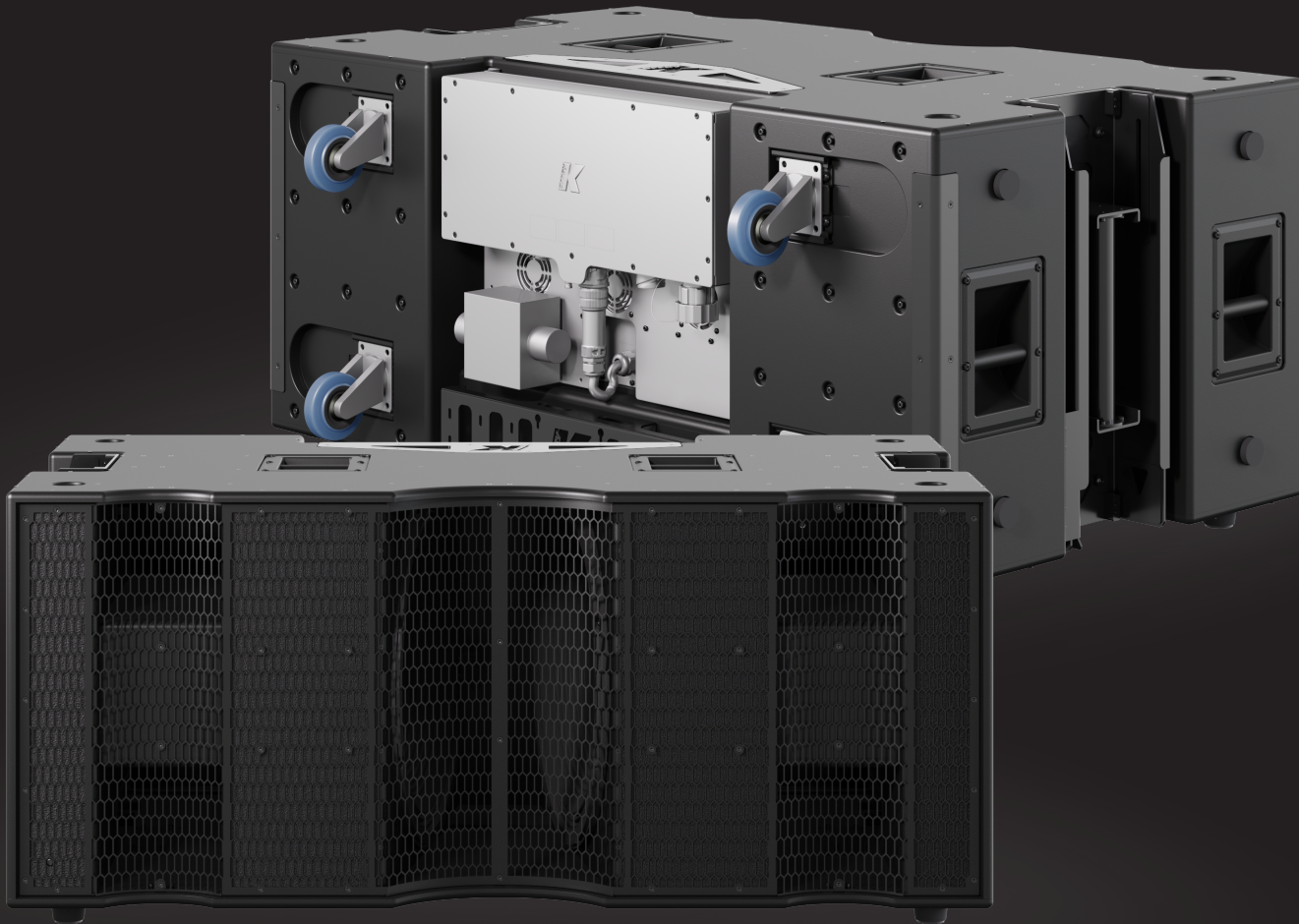


**Firenze-KS7**

General		Handling & Finishes	
Type	Active subwoofer	Dimensions (WxHxD)	1162 x 590 x 851 mm (45.7 x 23.2 x 33.5 in)
Transducers	2x 21" Neodymium magnet woofer with 5.31" voice coil	Weight	104.4 kg (230.16 lb)
FrequencyResponse	25 Hz - 120 Hz (-6 dB)	Material	Wood
Max SPL	141 dB peak	Colors	Black, White, Custom RAL
Coverage	Omni	IP Rating	IP53
Controllers	Remote control with dedicated PC software via Ethernet	Amp Module	2-ch., switch mode, class D
Connectors	Analog: 1x XLR (bal) input signal 1x XLR (bal) parallel output Digital: 1x XLR AES3 input	Output Power	2x 3500 W @ 2 Ω 1% THD+N
Built-in DSP	Input gain, delay up to 2 s, Full parametric IIR filters (Peaking, Shelving, Hi/Lo pass, Hi/Lo Butterworth), Level and Temperature remote monitoring	Power Consumption	600 W @ 4 Ω load, Pink noise 1/8 rated power
		Protections	Over Temp. (Power Limiting - Thermal Shutdown), Short Circuit/Overload Output Protection, Power Limiting, Clip Limiter/Permanent Signal Limiter, High Frequency Protection
		Operating Range	100-240V AC, 50-60 Hz with PFC
		Mains Connector	powerCON True with link inlet



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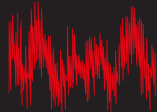
**Firenze-KS8**

General		Handling & Finishes	
Type	Active subwoofer	Dimensions (WxHxD)	1420 x 600 x 775 mm (55.90 x 23.6 x 30.5 in)
Transducers	2x 21" Neodymium magnet woofer with 5.31" voice coil	Weight	148 kg (326.3 lb)
FrequencyResponse	25 Hz - 120 Hz (-6 dB)	Material	Wood
Max SPL	148 dB peak	Colors	Black, White, Custom RAL
Coverage	Omni	IP Rating	Speaker Box: IP45 / Electronics: IP65
Controllers	Remote control with dedicated PC software via Ethernet	Amp Module	Switching-mode, class D with IPAL® technology
Connectors	Analog, AES3 and Remote control: Easy-grip metal locking LK25 connector (MIL C 5015 and VG95234 spec.)	Output Power	8500 W @ 1 Ω
Built-in DSP	Input gain, delay up to 2 s, Full parametric IIR filters (Peaking, Shelving, Hi/Lo pass, Hi/Lo Butterworth), Level and Temperature remote monitoring	Power Consumption	400 VA
		Protections	Over Temp. (Power Limiting - Thermal Shutdown), Short Circuit/Overload Output Protection, Excursion limiter, Current & Power limiter, Current clamp, Clip limiter, Brownout limiter.
		Operating Range	100-240V AC, 50-60 Hz with PFC
		Mains Connector	powerCON True



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**Mastiff**

Low-profile, high power stage monitor

MONITORS

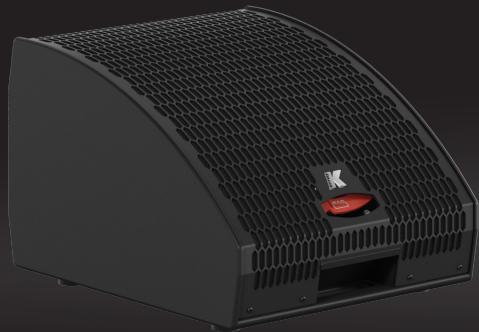
Concerts  
and Live Events

Large  
Congregations

Broadcast  
and Studios

Nightclubs  
and Lounges

Theaters



General  
Type

Transducers

Frequency Response

Max SPL

Rated Power

Coverage

Connectors

Nominal Impedance

Power Consumption

Handling & Finishes

Dimensions (WxHxD)

Weight

Material

Colors

IP Rating

Amp Module

Output Power

Power consumption

**Mastiff-KM112**

Active subwoofer

Coaxial 12" woofer  
+ 2.4" compression driver

70 Hz – 19 kHz (-6 dB)

133 dB (peak)

–

Selectable:  
V/H – 30°/100° | 100°/30°

INPUT: 2x XLR (bal) line input,  
1x XLR AES3 input  
OUTPUT: 1x SpeakOn  
loudspeaker output + 2x XLR  
(bal) parallel line output, 1x  
XLR AES3 output SERIAL: 1x XLR  
RS485 serial input, 1x XLR RS485  
serial output, 1x USB-B inlet

–

300 W, 1/8 Rated Power  
(Pink Noise)

450 x 351 x 530 mm  
(17.7 x 13.8 x 20.9 in)

23 kg (50.7 lb)

Wood/Stainless Steel

Black, White, Custom RAL

IP20

2 ch. switch-mode, class D

2 x 1000 W @ 8 Ω

300 W, 1/8 Rated Power  
(Pink Noise)

**Mastiff-KM112P**

Passive subwoofer

Coaxial 12" woofer  
+ 2.4" compression driver

70 Hz – 19 kHz (-6 dB)

133 dB (peak)

1200 W

Selectable:  
V/H – 30°/100° | 100°/30°

SpeakOn NL4  
1+ 1- (signal)  
2+ 2- (through)

8 Ω

450 x 351 x 530 mm  
(17.7 x 13.8 x 20.9 in)

23 kg (50.7 lb)

Wood/Stainless Steel

Black, White, Custom RAL

IP20

**Mastiff-KM312**

Active subwoofer

2x 12" neodymium magnet  
woofer 1x Coaxial 12" woofer  
+ 2.4" compression driver

60 Hz – 19 kHz (-6 dB)

138 dB (peak)

–

Selectable:  
V/H – 30°/100° | 100°/30°

INPUT: 2x XLR (bal) line input,  
1x XLR AES3 input  
OUTPUT: 1x SpeakOn  
loudspeaker output + 2x XLR  
(bal) parallel line output, 1x  
XLR AES3 output SERIAL: 1x XLR  
RS485 serial input, 1x XLR RS485  
serial output, 1x USB-B inlet

–

600 W, 1/8 Rated Power  
(Pink Noise)

820 x 351 x 530 mm  
(32.3 x 13.8 x 20.9 in)

37.5 kg (82.67 lb)

Wood/Stainless Steel

Black, White, Custom RAL

IP20

4 ch. switch-mode, class D

4 x 1600 W @ 4 Ω

600 W, 1/8 Rated Power  
(Pink Noise)

**Mastiff-KM312P**

Passive subwoofer

2x 12" neodymium magnet  
woofer 1x Coaxial 12" woofer +  
2.4" compression driver

60 Hz – 19 kHz (-6 dB)

138dB (peak)

2000W + 1000W

Selectable:  
V/H – 30°/100° | 100°/30°

SpeakOn NL4  
1+ 1- (MF-HF);  
2+ 2- (LF)

LF: 4 Ω | MF-HF: 8 Ω

820 x 351 x 530 mm  
(32.3 x 13.8 x 20.9 in)

37.5 kg (82.7 lb)

Wood/Stainless Steel

Black, White, Custom RAL

IP20

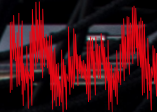
COLORS  
Black  
White  
Custom RAL



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**Mastiff**

Low-profile, high power stage monitor





Capture

Take advantage of our line array technology in a mini mic

MICROPHONE

Capture-KMC20

- Theaters
- Auditoriums and Concert Halls
- Houses of Worship
- Boardrooms and Conference Rooms
- Broadcast and Studios

Capture-KMC50

- Theaters
- Auditoriums and Concert Halls
- Houses of Worship
- Boardrooms and Conference Rooms
- Broadcast and Studios
- Large Congregations
- Stadiums and Sport Venues
- Concerts and Live Events



Capture-KMC20V / KMC20H / KMC20

General	
Transducers Type	8 x 4 mm electret condenser
Frequency Response	65 – 15000 Hz (-6 dB)
Polar Pattern	Cardioid array
Sensitivity	-37 dBV (Re 94 dB SPL)
Max Input SPL	100 dB
Phantom Supply Voltage	36 to 52 Vdc, (+) pins 2 and 3
Handling & Finishes	
Dimension (WxHxD)	6 x 200* x 6 mm (0.24 x 7.90 x 0.24 in)
Weight	0.032 kg (0.070 lb)
Finishes	Ruthenium Plated Brass



Capture-KMC50

General	
Transducers Type	16 x 6 mm electret condenser
Frequency Response	55 – 20000 Hz (-6 dB)
Polar Pattern	Cardioid array
Sensitivity	-39 dBV (Re 94 dB SPL)
Max Input SPL	110 dB
Phantom Supply Voltage	36 to 52 VDC, (+) pins 2 and 3
Handling & Finishes	
Dimension (WxHxD)	10 x 510 x 10 mm (0.39 x 20.07 x 0.39 in)
Weight	0.080 kg (0.176 lb)
Finishes	Ruthenium Plated Brass

Power Supply

Preamplifier	Single unit: wired preamplifier Multiple units: preamplifier box requiring external 5 VDC 500 mA power supply
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\* Net length of the microphone bar, base excluded.

Duetto

Ultra-mini earbuds

IN EAR



Duetto-KD6T

General	
Transducers	6 mm neodymium magnet
Frequency Response	5 Hz – 23 kHz
Sensitivity	105 ± 3 dB @ 1 kHz (1W/1m)
Impedance	16Ω ±15%
Jack plug	3.5 mm, straight

Handling & Finishes

Finishes / Color	24K Gold, Titanium-anodized Oxidation
Material	Aluminum Alloy

Microphone

Sensitivity	
Frequency Response	
Polar Pattern	

Bluetooth

Communication System	
Output	
Maximum Communication Range	
Compatible Bluetooth Profiles	
Support Codec	

Battery

Type	
Life	



Duetto-KD6B

General	
Transducers	6 mm neodymium magnet
Frequency Response	5 Hz – 23 kHz
Sensitivity	105 ± 3 dB @ 1 kHz (1W/1m)
Impedance	16Ω ±15%
Jack plug	3.5 mm, straight

Finishes / Color	Black
Material	Aluminum Alloy

Sensitivity	-42 dB
Frequency Response	100 - 10000 Hz
Polar Pattern	Omnidirectional

Duetto-KD6BT

General	
Transducers	6 mm neodymium magnet
Frequency Response	5 Hz – 23 kHz
Sensitivity	105 ± 3 dB @ 1 kHz (1W/1m)
Impedance	16Ω ±15%
Jack plug	
Handling & Finishes	
Finishes / Color	Black
Material	Aluminum Alloy
Microphone	
Sensitivity	-42 dB
Frequency Response	100 - 10000 Hz
Polar Pattern	Omnidirectional
Bluetooth	
Communication System	Version 5
Output	Specification Power Class 2
Maximum Communication Range	Line of sight approx. 10 mt (33')
Compatible Bluetooth Profiles	A2DP, AVRCP, HFP, HSP
Support Codec	AAC, SBC
Battery	
Type	DC 3.7 V lithium polymer rechargeable battery
Life	Up to 6 hrs (Charging time: approx. 3 hrs for 0-100% charge)



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AN AUTHENTIC PLACE

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Designed and Made in Italy

K-ARRAY srl

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