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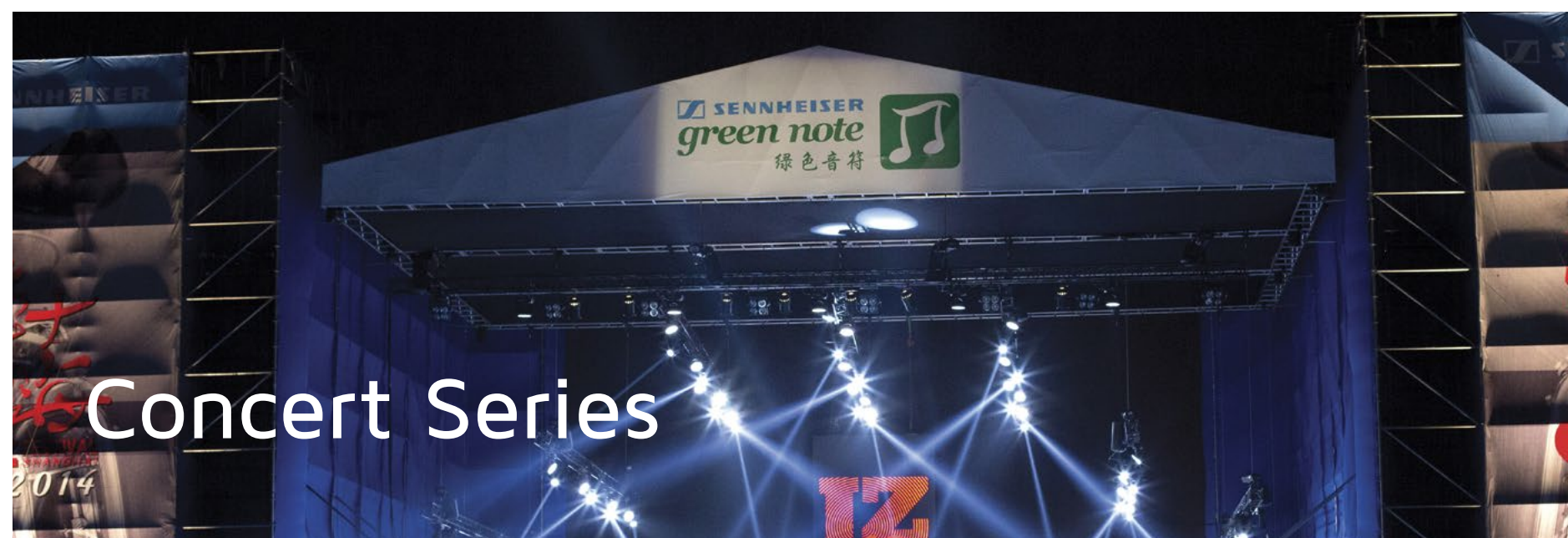




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High-performing 2.1 audio system  
in a elegant and exclusive design



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Speakers

**Lyzard**

Ultra-miniature line array element







The KZ12 Lyzard is a remarkable ultra-micro line array element designed for discreet use in a variety of settings such as restaurants, bars, and museums.



KZ12

Ultra-miniature line array element

The KZ12 Lizard is a remarkable ultra-micro line array designed for discreet use in a variety of intimate environments such as restaurants, bars and museums.

The rugged enclosure contains a line array of 4 x 0.5" long excursion, full-range drivers housed in a sleek case built around a super strong chassis. The high efficiency drive units have neodymium magnet structures and suspensions engineered for maximum linear excursion and minimum residual transducer noise.

This miniature, slim column is only 1.2 cm wide and delivers true crystal clear audio with an amazing output of 92 dB continuous - remarkable from such a miniscule enclosure! The system delivers long throw and coherent coverage making it ideal for use in space constrained situations. Up to four Lizards can be integrated to the KU36 sub bass, extending the frequency range to 35 Hz. The KZ12 weighs a mere 46 g and measures 2.2 x 10 x 1.2cm.

All the Lizard components are designed at our Florence-based R&D department. They are custom manufactured to our exact standards and quality control system in Italy.



FEATURES

- Multiple 0.5" long excursion, full-range drivers
- Wide range frequency response
- Ultra-strong, aluminum frame
- High dynamic range capability
- Only weighs 46g
- Weather proof, suitable for outdoor installations - IP54
- Available in black or silver

APPLICATIONS

- Background music systems in restaurants and clubs
- High quality distributed systems for paging and music
- Audio for exhibits and museum displays
- Space-sensitive fill for broadcast

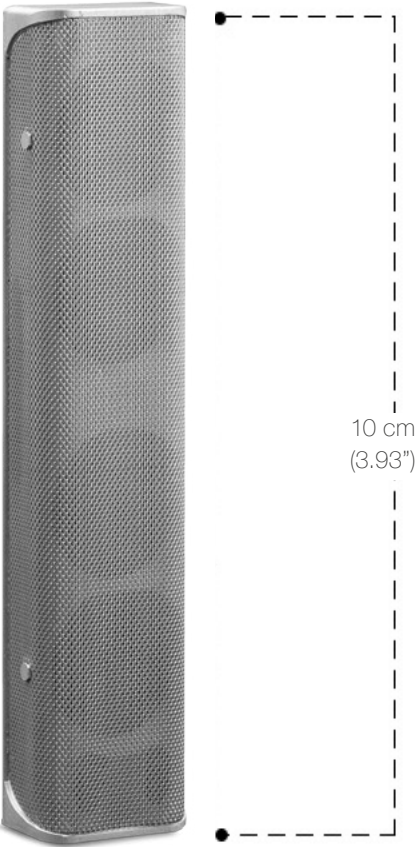
SPECS

ACOUSTICS	
Speaker power handling	8 W <sup>(AES)</sup>
Operating frequency range	350 Hz - 18 KHz +/- 3dB
Impedance	16 Ω
Maximum SPL	95 dB continuous - 102 dB peak
COVERAGE	
Horizontal	140°
Vertical	20°
CROSSOVER	
Type	External crossover required
Frequency	250Hz 24dB/oct suggested minimum
TRANSDUCERS	
Full-range	4 x 0.5" Neodymium speakers with 0.5" voice coil
Impedance	16Ω
PHYSICAL	
Dimensions	2.1 x 10 x 1.2 cm (0.83"x 3.94"x 0.47")
Weight	46 g (0.10 lb)

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



KZ12



KZ12W

installed sound KZ12

Systems

# ***Piccolo***

High-performing 2.1 audio system  
in an exclusive design





The Piccolo audio system has been designed to meet the needs of those who require quality sound from an almost invisible audio system.



# Piccolo

High-performing 2.1 audio system in an exclusive design

The Piccolo audio system has been designed to satisfy those who require a high quality sound and an almost invisible system.

While concentrating on the essential design of the two mid-high speakers so that they could be easily hidden in almost every situation, we worked hard to put all the experience we gathered in the professional audio market, through years of research and development in the fields of acoustics and digital audio signal processing to use in our first “home audio system”. The result is an extremely essential design disguising an impressive output power all over the audio frequency spectrum, with an uncompromising full punch in the lowest end and a crystal clear definition in the highest.

If you have a Piccolo installed in your living room or study, you certainly own the most discreet and powerful home sound system on the market.



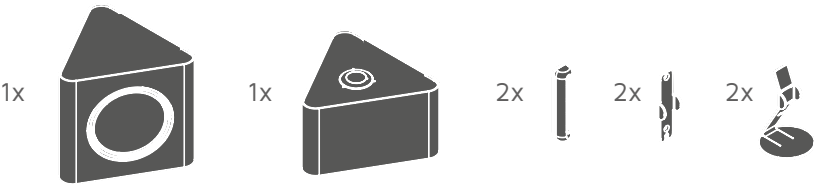
## FEATURES

- Two mid-high design speakers
- Subwoofer composed of a 6” cone and a passive radiator for low frequencies
- Amplifying module with two different inputs (RCA and XLR) and volume managing

## APPLICATIONS

- Delivers high-quality audio for homes, offices or project studios
- Exhibit audio for museum displays
- Background music system in restaurants and clubs

## SYSTEM COMPONENTS



## SPECS

ACOUSTICS	
Frequency range	32 Hz - 18 KHz
Maximum SPL	92 dB
AMPLIFIERS	
Type	2 x class D – DSP controlled
Power to mid-high	50 W x 2 (100 W total)
Power to subwoofer	110 W
Protection	Dynamic limiter, over current, over temp, short circuits
TRANSDUCERS	
Mid-high (each)	4 x 0.5” Neodymium cone driver with 0.5” voice coil
Subwoofer	1 x 6” Neodymium magnet with double 1.5” voice coil 1 x 6” passive radiator
AC POWER	
Operating range	85 - 132 Vac 50 Hz (Auto-switching) 170 - 264 Vac 60 Hz (Auto-switching)
I nominal	2 A / 115 Vac - 1 A / 230 Vac
Peak power	2 x 220 W / 120 ms max
Max power consumption	150 W
PHYSICAL	
Dimensions	9.2 x 2.1 x 1.6 cm (mid-high) 13 x 22.5 x 20.2 cm (subwoofer) 20.5 x 22.5 x 20.2 cm (amplifier)
Weight	57 g (mid-high) 4.6 Kg (subwoofer) 3.3 Kg (amplifier)



***Tornado***

2" point source, compact speaker

Ultra-strong, compact aluminum chassis







Relaxingly discreet

The Tornado has a proprietary 2" high-efficiency drive unit with a neodymium magnet structure and a suspension engineered for maximum linear excursion and minimum residual transducer interference.



# KT2 - KT2C

2" point source multipurpose loudspeaker

The Tornado series is a miniature sound source designed for high-quality distributed systems.

Housed in a compact aluminum enclosure, the Tornado is suitable for space sensitive and architectural design installations.

The Tornado is a turnkey loudspeaker solution: designed as passive speakers that can be easily converted into self-powered devices by inserting the KA1-T2 12V/24V amplifier module. Tornados have a proprietary 2" high-efficiency drive unit with a neodymium magnet structure and a suspension engineered for maximum linear excursion and minimum residual transducer interference. The cone transducer delivers an impressive maximum peak SPL of 107 dB, and has a wide operating frequency range from 150 Hz to 18 kHz with very low distortion.

With its ability to effortlessly reproduce both speech and music, it makes an excellent choice for fixed applications such as theatre, museum displays, restaurants, portable systems for corporate AV presentations, department stores, and in hidden locations such as chancel steps in houses of worship.

The KT2 and KT2W models come with a wall bracket for fixed installations or surface applications while the KT2C and KT2CW come with a ceiling brackets for ceiling mounts.

All Tornado components are designed by the K-array R&D department and custom made under the K-array quality control system.

Designed as passive speaker, the new Tornados can be easily converted into a self-powered device by inserting the KA1-T2 12V/24V amplifier module.



Single 2" long excursion full range driver



Integrated 4-pin Phoenix connector



KT2



KT2W

## FEATURES

- High performance-to-size ratio
- Integrated RGB LEDs
- Single 2" long excursion, full-range driver
- Wide-range frequency response
- Double voice coil driver for variable impedance 8-32Ohm
- Ultra-strong, compact aluminum chassis

## APPLICATIONS

- Audio for museum and exhibit displays
- Space-sensitive fills and distributed systems for speech and music
- Suitable for theatres and broadcast
- Installed AV systems

## ACCESSORIES

K-CTRL, KA-FRAME, K-RGBDMX, K-RGBREM, KA1-T2H



KT2C

installed sound KT2 - KT2C

### KT2 Specs

ACOUSTICS	
Speaker power handling	18 W <sup>(AES)</sup>
Impedance	8Ω - 32Ω (settable) 70V version available upon request (KT2-HV)
Frequency range (-10 dB)	150 – 18 kHz <sup>(1)</sup>
Maximum SPL	101 dB (cont.) – 107 dB (peak) <sup>(2)</sup>
COVERAGE	
Horizontal	90°
Vertical	90°
CROSSOVER	
Type	External crossover required
Frequency	150Hz 24dB/Oct minimum required
TRANSDUCERS	
Full-range	2" Neodymium magnet Woofer with 2 voice coils of 0.8"
Impedance	2 x 16 Ω
POWER AUDIO INPUT	
Connectors	4-pin Phoenix connector
Wiring	VoiceCoil A=1+ 1- VoiceCoil B=2+ 2-
CERTIFICATION	
IP	54
PHYSICAL	
Dimensions	110 mm x 75 mm x 70 mm (4.33" x 2.95" x 2.76 ")
Weight	0.56 Kg (1.23 lb)

Notes for data  
1. With Dedicated preset  
2. Measured with musical signal  
New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this sheet.

### KT2C Specs

ACOUSTICS	
Speaker power handling	18 W <sup>(AES)</sup>
Impedance	8Ω - 32Ω (settable) 70V version available upon request (KT2C-HV)
Frequency range (-10 dB)	150 – 18 kHz <sup>(1)</sup>
Maximum SPL	101 dB (cont.) – 107 dB (peak) <sup>(2)</sup>
COVERAGE	
Horizontal	90°
Vertical	90°
CROSSOVER	
Type	External crossover required
Frequency	150Hz 24dB/Oct minimum required
TRANSDUCERS	
Full-range	2" Neodymium magnet Woofer with 2 voice coils of 0.8"
Impedance	2 x 16 Ω
POWER AUDIO INPUT	
Connectors	4-pin Phoenix connector
Wiring	VoiceCoil A=1+ 1- VoiceCoil B=2+ 2-
CERTIFICATION	
IP	54
PHYSICAL	
Dimensions	110 mm x 75 mm x 70 mm (4.33" x 2.95" x 2.76 ")
Weight	0.61 Kg (1.34 lb)

# KT2 - KT2C

2" point source multipurpose loudspeaker with integrated RGB LEDs

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

The Tornados are a turnkey loudspeaker solution: designed as passive speakers, that can be easily converted into self-powered devices by inserting the KA1-T2 12V/24V amplifier module.

In addition to the standard features of the Tornado, the KTL2 and KTL2C models have 6 integrated RGB LEDs that can be controlled with a wide range of K-array accessories via DMX or by remote. With its ability to effortlessly reproduce speech, music and lighting, it is an excellent choice for fixed applications such as theatre, museum displays, restaurants, portable systems for corporate AV presentations, department stores, and in hidden locations such as chancel steps in houses of worship.

The KTL2 and KTL2W models come with a wall bracket for fixed installations or surface applications while the KTL2C and KTL2CW models come with a ceiling brackets for ceiling mounts.

All Tornado components are designed by the K-array R&D department and custom made under the K-array quality control system.

Designed as a passive speaker, the new Tornados can be easily converted into self-powered devices by inserting the KA1-T2 12V/24V amplifier module.



KT2LW



KT2LW



KT2L

## FEATURES

- High performance-to-size ratio
- Integrated RGB LEDs
- Single 2" long excursion, full-range driver
- Wide-range frequency response
- Double voice coil driver for variable impedance 8-32Ohm
- Ultra-strong, compact aluminum chassis

## APPLICATIONS

- Audio for museum and exhibit displays
- Space-sensitive fills and distributed systems for speech and music
- Suitable for theatres and broadcast
- Installed audio-visual systems

## ACCESSORIES

K-CTRL, KA-FRAME, K-RGBDMX, K-RGBREM, KA1-T2H



KT2LC

installed sound KTL2 - KTL2C

### KTL2 Specs

ACOUSTICS	
Power handling	18 W <sup>(AES)</sup>
Impedance	8Ω - 32Ω (settable) 70V version available upon request (KT2-HV)
Frequency range (-10 dB)	150 - 18 kHz <sup>(1)</sup>
Maximum SPL	101 dB (cont.) - 107 dB (peak) <sup>(2)</sup>
COVERAGE	
Horizontal	90°
Vertical	90°
CROSSOVER	
Type	External cross over required
Frequency	150Hz 24dB/Oct minimum required
TRANSDUCERS	
Full-range	2" Neodymium magnet Woofer with 2 voice coils of 0.8"
Impedance	2 x 16 Ω
POWER AUDIO INPUT	
Connectors	4-pin Phoenix connector
Wiring	VoiceCoil A=1+ 1-   VoiceCoil B=2+ 2-
LED CONNECTIONS	
Connectors	4-pin Phoenix connector
Wiring	R=1+ ; G=1- ; B= 2+ ; V=2-
PHYSICAL	
Dimensions	110 mm x 75 mm x 70 mm (4.33" x 2.95" x 2.76 ")
Weight	0.54 Kg (1.19 lb)

Notes for data  
1. With Dedicated preset  
2. Measured with musical signal  
New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this sheet.

### KTL2C Specs

ACOUSTICS	
Power handling	18 W <sup>(AES)</sup>
Impedance	8Ω - 32Ω (settable) 70V version available upon request (KT2-HV)
Frequency range (-10 dB)	150 - 18 kHz <sup>(1)</sup>
Maximum SPL	101 dB (cont.) - 107 dB (peak) <sup>(2)</sup>
COVERAGE	
Horizontal	90°
Vertical	90°
CROSSOVER	
Type	External cross over required
Frequency	150Hz 24dB/oct minimum suggested
TRANSDUCERS	
Full-range	2" Neodymium magnet Woofer with 2 voice coils of 0.8"
Impedance	2 x 16 Ω
POWER AUDIO INPUT	
Connectors	4-pin Phoenix connector
Wiring	VoiceCoil A=1+ 1-   VoiceCoil B=2+ 2-
LED CONNECTIONS	
Connectors	4-pin Phoenix connector
Wiring	R=1+ ; G=1- ; B= 2+ ; V=2-
PHYSICAL	
Dimensions	110 mm x 75 mm x 70 mm (4.33" x 2.95" x 2.76 ")
Weight	0.59 Kg (1.30 lb)



Speakers

**Vyper**

Ultra-flat line array element



## In-style installation



Every K-array speaker has a dedicated preset loaded on the amps which offers an easy and secure setting.

KV50

Ultra-flat line array element

The KV50 Vyper is an ultra-flat passive speaker system comprised of eight 1” neodymium magnet transducers housed in an elegant, yet sturdy aluminum chassis.

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

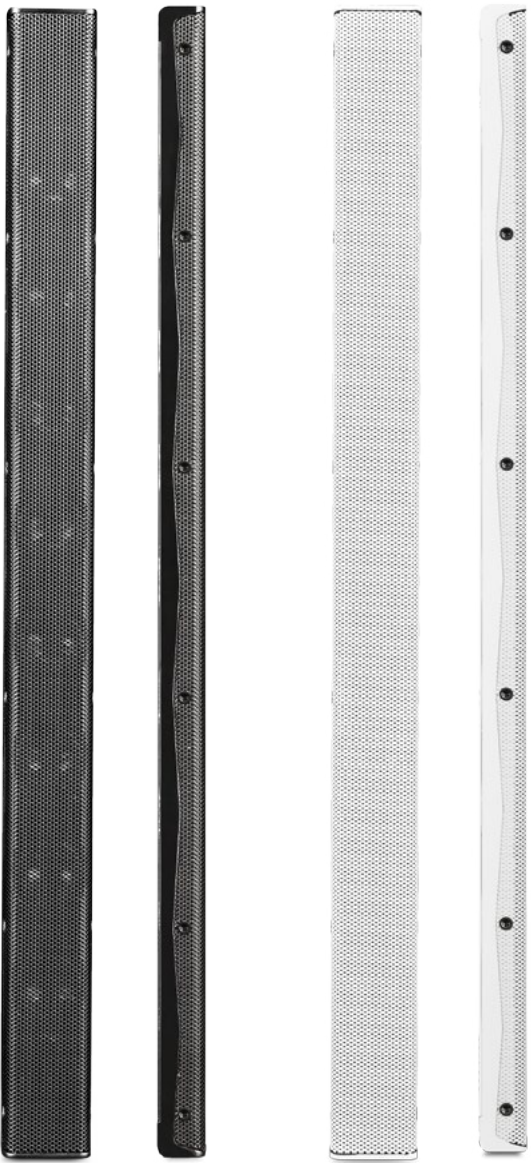
For easier use and integration with other speakers or amplifiers, the Vyper allows the user to select two different values of impedance (16Ω – 64Ω). At 64Ω as many as 16 Vypers can be powered off a single amplifier channel at 4Ω, which eliminates the need of 70 V amplifiers for wider distributed installed systems.

The Vyper is able to reproduce the whole vocal frequency range with high intelligibility, starting from 150 Hz. Integrating one of the K-array subwoofers (KU36, KMT12P), powered by a KA10-10 amplifier set with specific presets optimized for the Vyper assures excellent coverage of the entire musical frequency range.

All Vyper components are designed by the K-array R&D department and are custom made under the K-array quality control system.

KV50

KV50W



FEATURES

- Unique performance-to-size ratio
- Vertical, horizontal and 3D line array applications
- Multiple 1” long excursion, full-range cone drivers
- Wide horizontal coverage
- Electronically protected
- Selectable 16 Ohm or 64 Ohm impedance
- Weather proof, suitable for outdoor installations - IP54

APPLICATIONS

- Front and under-balcony fill
- Portable and installed AV systems
- Stage and AV studio monitoring

ACCESSORIES

K-V5Wall1

SPECS

ACOUSTICS

Power handling	150 W <sup>(AES)</sup>
Impedance	16Ω or 64Ω (selectable)
Frequency range	200 Hz - 20 KHz
Maximum SPL	108 dB continuous - 114 dB peak

COVERAGE

Horizontal	110°
Vertical	10°

CROSSOVER

Type	External Crossover required
Frequency	150 Hz, 24 dB/oct suggested minimum

TRANSDUCERS

Full range	8 x 1” Neodymium magnet with .75” voice coil
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RECOMMENDED AMPLIFIERS

Type	KA10, KA7, KA7-7, KA40 (with dedicated preset)
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PHYSICAL

Dimensions	3.9 x 50 x 2,1 cm (1.54” x 19.69” x 0.83”)
Weight	0.67 Kg (1.48 lbs)

Notes for data  
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installed sound KV50





# **Anakonda**

Flexible array element speaker







## Cutting corners

The KAN200 Anakonda speaker can be installed directly across the edge of the stage as a front fill solution, providing greater definition and sonic clarity to the first several rows.



# KAN200 - KAN200+

Flexible array element speaker  
Patent pending

Like every K-array product, the KAN200 Anakonda is a revolutionary speaker module that before its existence, was unimaginable. It is designed as a problem solver for situations where a traditional speaker box can't be used but where good intelligibility, ultra-reliability and a sleek design are required.

The Anakonda is the perfect fit for any distributed sound application. Its dedicated presets work on a wide frequency range and can be used as a standalone for a PA system or in combination with K-array subwoofers. Its lightness and flexibility help it to be easily integrated in existing structures.

One Anaconda is 2m in length and can be extended with up to a maximum of 16 elements on one line, which creates a 32m line of continuous sound. Each module is equipped with two Speakon NL4 connectors and are completely integrated in the "body" of the speaker. Once they are connected, they are hidden in the shape of the line.

Each Anakonda is provided with 2 fabric socks, one black and one white, which can be used to cover and protect the speaker from foreign objects like dust, and also give the possibility to change colors to match its surroundings. Wall brackets are included in the package to make the installation as easy and as fast as possible.

All the components of the Anakonda are designed by the K-array R&D department and made in Italy under the K-array quality control system.



The wide range of Anakonda's flexibility



## FEATURES

- Flexible 2m chassis
- Integrated NL4 connectors
- High impedance for long lines
- IP55 for outdoor installations
- Fabric socks available in black and white

## APPLICATIONS

- Front fills and under-balcony fills
- Outdoor installations
- Theme parks
- Indoor and outdoor scenography design

## ACCESSORIES

K-ANLink



KAN200  
KAN200+

installed sound KAN200

### KAN200 Specs

ACOUSTICS	
Speaker power handling	150W <sup>(AES)</sup>
Frequency range	150 Hz - 18 KHz +/- 6dB <sup>(1)</sup>
Impedance	64 Ω
Maximum SPL	96 dB (continuous) - 102 dB (peak) <sup>(2)</sup>
COVERAGE	
Horizontal	160°
Vertical	10°
CROSSOVER	
Type	External Crossover required
Frequency	High pass @150 Hz, 24 dB/oct suggested minimum
TRANSDUCERS	
Full-range	8 X 1" Neodymium cone driver with 0.75" voice coil
PHYSICAL	
Dimensions	2019 mm x 56 mm x 35,3 mm (79,5" x 2,2" x 1,4")
Weight	1,4 Kg (3,09 lb)

<sup>(1)</sup> With dedicated preset  
<sup>(2)</sup> Measured with musical signal

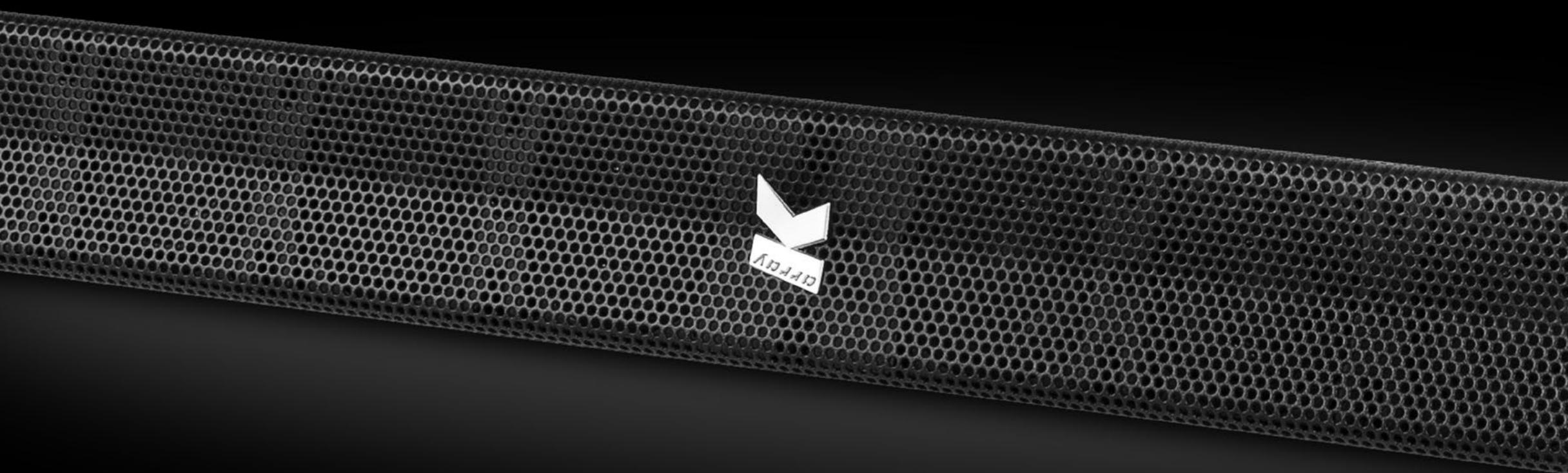
### KAN200+ Specs

ACOUSTICS	
300 W	
150 Hz - 18 KHz +/- 6dB <sup>(1)</sup>	
32 Ω	
102 dB (continuous) - 108 dB (peak) <sup>(2)</sup>	
COVERAGE	
160°	
10°	
CROSSOVER	
External Crossover required	
High pass @150 Hz, 24 dB/oct suggested minimum	
TRANSDUCERS	
16 X 1" Neodymium cone driver with 0.75" voice coil	
PHYSICAL	
2019 mm x 56 mm x 35,3 mm (79,5" x 2,2" x 1,4")	
1,9 Kg (4,19 lb)	

Speakers

**Kobra**

Ultra-slim, high-power  
3D-array elements







## Designed for Perfection

The small Kobra line arrays drop all frequencies equally everywhere with intelligibility and without reflections. People seated in line with the speakers won't request the sound to be lowered.



# KK52 Mark I

3D line array element, variable beam speaker

The KK52 Kobra is a half-meter passive speaker system comprised of eight 2” neodymium magnet transducers housed in an elegant and sturdy stainless steel chassis.

The vertical dispersion pattern can be switched for wide or narrow coverage, allowing for a great variety of applications. The eight closely-spaced cone drivers provide true line array characteristics - phase coherence, low distortion and focused listening in both the near field, and at a distance from the speaker.

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

For easier use and integration with other speakers or amplifiers, the Kobra allows the user to select two different values of impedance (16Ω – 64Ω). At 64Ω as many as 8 Kobras can be powered off a single amplifier channel at 8Ω (up to 16 elements @ 4Ω), which eliminates the need of 70 V amplifiers for wider distributed installed systems.

The Kobra is able to reproduce the whole vocal frequency range with high intelligibility, starting from 150 Hz. Integrating one of K-array’s powered subwoofers (KMT12, KMT18, KMT21), configured with specific presets for the Kobra assures excellent coverage of the entire musical frequency range.

The K-array KA amplifier series have presets optimized for the Kobra that can be uploaded from a computer.

All Kobra components are designed by the K-array R&D department and custom made under the K-array quality control system.



KK52 Mark I

## FEATURES

- Unique performance-to-size ratio
- Vertical, horizontal and 3D line array applications
- Multiple 2” long excursion, full-range cone drivers
- Wide horizontal coverage
- Electronically protected
- Selectable 16 Ohm or 64 Ohm impedance
- Selectable wide or narrow vertical coverage
- Weather proof, suitable for outdoor installations - IP54
- Available in black, white and brushed or polished steel finish

## APPLICATIONS

- Theatre, club, house of worship
- Front fill and under-balcony fill
- Portable and installed AV systems
- Stage and AV studio monitoring

## ACCESSORIES

K-BASE2, K-FLY2, KK-CLUSTER2, K-FOOT2, K-JOINT2, KK-STAGE, K-WALL2L, K-WALL2LW , K-WALL2, K-WALL2W, K-KCLAMP/S, K-KCLAMP

## SPECS

### ACOUSTICS

Power handling	200 W <sup>(AES)</sup>
Impedance	16Ω or 64Ω (selectable)
Frequency range	150 Hz - 20 KHz.
Maximum SPL	118 dB continuous - 124 dB peak

### COVERAGE

Horizontal	110°
Vertical	10° - 60° (selectable)

### CROSSOVER

Type	External Crossover required
Frequency	High pass @150 Hz, 24 dB/oct suggested minimum

### TRANSDUCERS

Full-range	8 x 2” Neodymium magnet with 0.75” voice coil
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### POWER AUDIO INPUT

Connectors	2 x 4-pin Speakon
Wiring	1+ 1- (signal IN & LINK); 2+ 2- (through)

### SELECTION SWITCH

Vertical pattern	Spot - Flood
Impedance	16Ω - 64Ω

### PHYSICAL

Dimensions	8.1 x 50 x 5.9 cm (3.19” x 19.7” x 2.32”)
Weight	2.3 Kg (5.07 lbs)

Notes for data  
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notice. Present systems may differ in some respects from those presentec  
catalogue.



KK52XP

exclusive polished steel finish

installed sound KK52





No reflection for reflecting

The fewer reflections from the ceiling and the floor,  
the more sound intelligibility.

# KK102 Mark I

3D line array element, variable beam speaker

The KK102 Kobra is a passive speaker system comprised of sixteen 2” neodymium magnet transducers housed in an elegant, yet sturdy stainless steel chassis.

The vertical dispersion pattern can be switched for wide or narrow coverage, depending on the application. The closely-spaced cone drivers provide true line array characteristics: phase coherence, low distortion and focused listening in both the near field, and at a distance from the speaker.

A variety of rigging accessories provides many linking and hanging options for the KK102 model and the half-meter shorter KK52 model to be combined in vertical and horizontal line array configurations to satisfy many different venue requirements during temporary events and for permanent installations.

For easier use and integration with other speakers or amplifiers, the Kobra allows the user to select two different values of impedance (8Ω – 32Ω). At 32Ω as many as four Kobra units can be powered off a single amplifier channel at 8Ω (up to 8 elements @ 4Ω), which eliminates the need of 70 V amplifiers for wider distributed installed systems.

The Kobra is able to reproduce the whole vocal frequency range with high intelligibility, starting from 150 Hz. Integrating one of K-array’s powered subwoofers (KMT12, KMT18, KMT21) configured with specific presets for the Kobra assures excellent coverage of the entire musical frequency range. The K-array KA amplifier series have presets optimized for the Kobra that can be uploaded from a computer.

All Kobra components are designed by the K-array R&D department and custom made under the K-array quality control system.



## FEATURES

- Unique performance-to-size ratio
- Vertical, horizontal and 3D line array applications
- Multiple 2” long excursion, full-range cone drivers
- Wide horizontal coverage
- Electronically protected
- Selectable 8 Ohm or 32 Ohm impedance
- Weather proof, suitable for outdoor installations - IP54
- Available in black, white and brushed or polished steel finish

## APPLICATIONS

- Theatre, clubs, house of worship
- Front fill and under-balcony fill
- Portable and installed AV systems
- Stage and AV studio monitoring

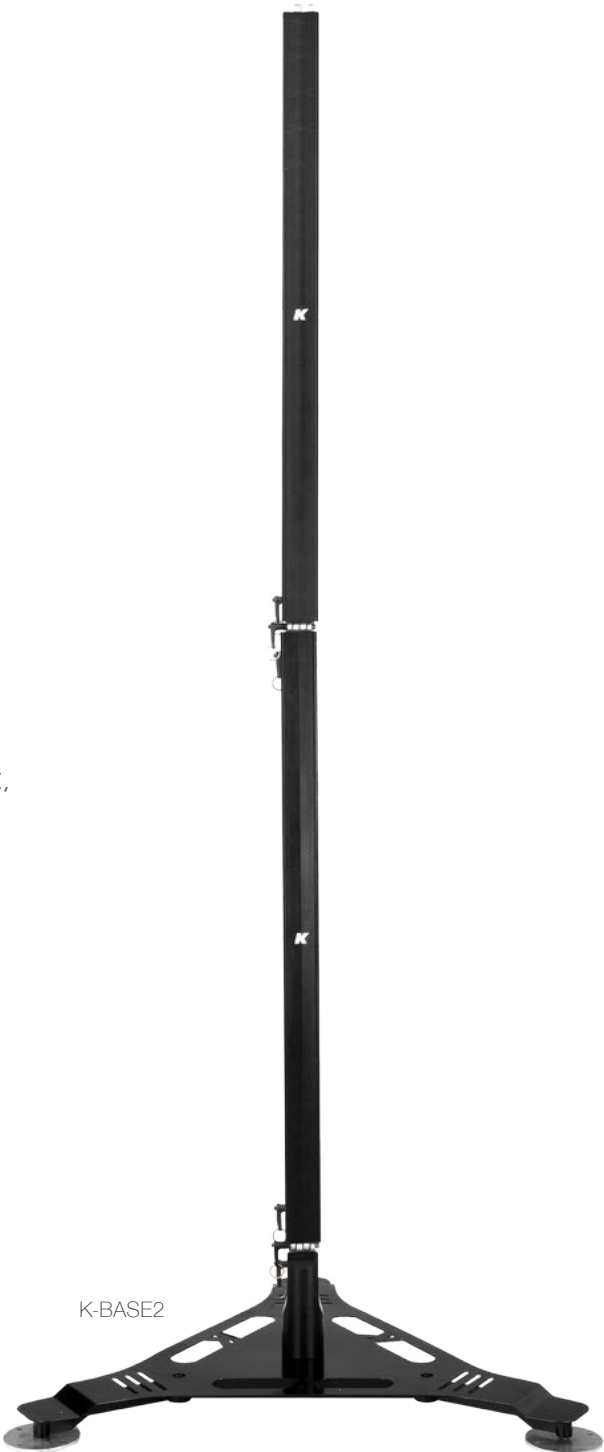
## ACCESSORIES

K-BASE, K-FLY2, KK-CLUSTER2, K-FOOT2, K-JOINT, KK-STAGE, K-WALL2L, K-WALL2LW , K-WALL2, K-WALL2W, K-KCLAMP/S, K-KCLAMP

## SPECS

ACOUSTICS	
Power handling	400 W <sup>(AES)</sup>
Impedance	8Ω or 32Ω (selectable)
Frequency range	150 Hz - 20 KHz.
Maximum SPL	124 dB continuous - 130 dB peak
COVERAGE	
Horizontal	110°
Vertical	7°- 35° (selectable)
CROSSOVER	
Type	External Crossover required
Frequency	High pass @150 Hz, 24 dB/oct suggested minimum
TRANSDUCERS	
Full-range	16 x 2” Neodymium magnet with 0.75” voice coil
POWER AUDIO INPUT	
Connectors	2 x 4-pin Speakon
Wiring	1+ 1- (signal IN & LINK); 2+ 2- (through)
SELECTION SWITCH	
Vertical pattern	Spot - Flood
Impedance	8Ω - 32Ω
PHYSICAL	
Dimensions	8.1 x 100 x 5.9 cm (3.19” x 39.4” x 2.32”)
Weight	4.6 Kg (10.14 lbs)

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



**KK102XP**  
exclusive polished steel finish

installed sound KK102



# ***Python***

3D line array element, selectable beam speaker







The Python is a passive speaker comprised of twelve 3.15" neodymium magnet transducers housed in an elegant, yet sturdy stainless steel chassis.



# KP52 Mark I

3D line array element, selectable beam speaker

The KP52 Python is a passive speaker comprised of six 3.15” neodymium magnet transducers housed in an stainless steel frame.

The vertical dispersion pattern can be switched for wide or narrow coverage, allowing for a great variety of applications. The six closely-spaced cone drivers provide true line array characteristics: phase coherence, low distortion and focused listening in both the near field, and at a distance from the speaker.

A variety of rigging accessories provides many linking and hanging options for the KP52 and the 1 meter-long KP102 model to be combined in vertical and horizontal line array configurations to satisfy many different venue requirements during temporary events and for permanent installations.

For easier use and integration with other speakers or amplifiers, there are two different values of impedance: 8Ω – 32Ω. At 32Ω up to four Pythons can be powered off a single amplifier channel at 8Ω and up to 8 units at 4Ω, which eliminates the need of 70 V amplifiers for wider distributed installed systems.

The Python is able to reproduce the whole vocal frequency range with high intelligibility, starting from 100 Hz. Integrating one of K-array’s powered subwoofers (KMT12, KMT18, KMT21) configured with specific presets for the Python assures excellent coverage of the entire musical frequency range. The K-array KA amplifier series also have Python presets that can be uploaded from a PC.

All Pythons components are designed by the K-array R&D department and custom made under the K-array quality control system.



KP52 Mark I

KP52W Mark I

## FEATURES

- Unique performance-to-size ratio
- Vertical, horizontal and 3D line array applications
- Multiple 3.15” long excursion, full-range cone drivers
- Wide horizontal coverage
- Electronically protected
- Selectable 8 Ohm or 32 Ohm impedance
- Weather proof, suitable for outdoor installations- IP54
- Available in black, white and brushed or polished steel finish

## APPLICATIONS

- Theatre, club, house of worship
- Front fill and under-balcony fill
- Portable and installed AV systems
- Stage and AV studio monitoring

## ACCESSORIES

- K-BASE2, K-FLY2, KP-CLUSTER2, K-FOOT2, K-BASE2, K-JOINT2, KP-STAGE, K-WALL2L, K-WALL2LW, K-WALL2, K-WALL2W

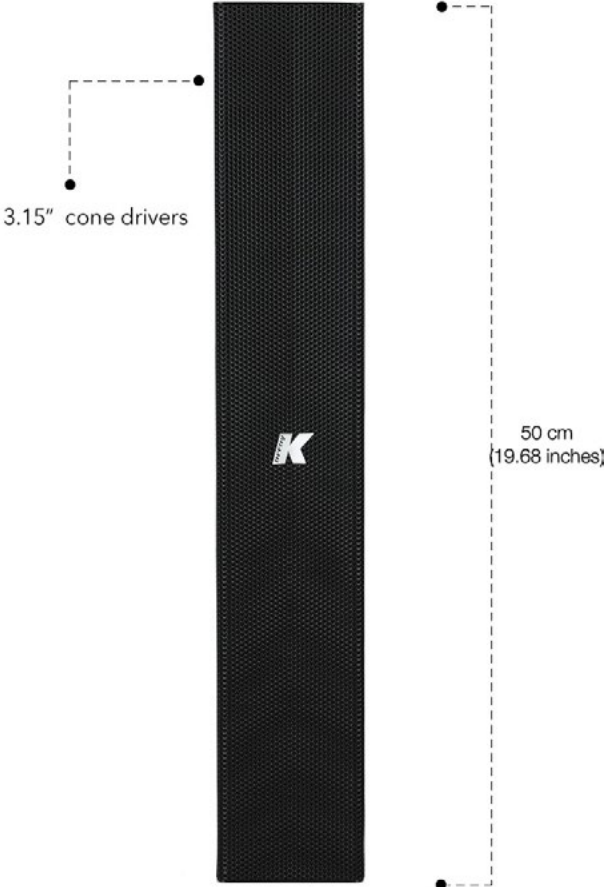


8 / 32 Ohm Selectable SPOT/FLOOD Switcher

## SPECS

ACOUSTICS	
Power handling	360 W (AES)
Impedance	8Ω or 32Ω (selectable)
Frequency range	100 Hz - 20 KHz.
Maximum SPL	118 dB continuous - 124 dB peak
COVERAGE	
Horizontal	90°
Vertical	10°- 45° (selectable)
CROSSOVER	
Type	External Crossover required
Frequency	High pass @100 Hz, 24 dB/oct suggested minimum
TRANSDUCERS	
Full-range	6 x 3.15” Neodymium magnet with 1” voice coil
POWER AUDIO INPUT	
Connectors	2 x 4-pin Speakon
Wiring	1+ 1- (signal IN & LINK); 2+ 2- (through)
SELECTION SWITCH	
Vertical pattern	Spot - Flood
Impedance	8Ω - 32Ω
PHYSICAL	
Dimensions	8.8 x 50 x 11.8 cm (3.56” x 19.7” x 4.65”)
Weight	5.8 Kg (12.79 lbs)

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



3.15” cone drivers

50 cm  
(19.68 inches)

# KP102 Mark I

3D line array element, selectable beam speaker

The KP102 Python is a passive speaker comprised of 3.15” neodymium magnet transducers housed in an sleek stainless steel chassis. The Python features sixteen drivers in a 1 meter frame. The closely-spaced cone drivers provide phase coherence, low distortion and focused listening both in the near field and at a distance.

To accommodate a range of applications, the vertical dispersion pattern can be switched for either wide or narrow coverage. Optional rigging and linking accessories allow multiple speakers to be interconnected, creating a wide array of vertical and horizontal configurations for temporary or permanent installation.

For integration with other speakers or amplifiers, the Python offers selectable impedance: 4Ω - 16Ω. Set to 16Ω, up to four Pythons can be powered via a single amplifier channel, simplifying installation of wider distributed installed systems.

A variety of rigging accessories provides many linking and hanging options for the KP52 and the 1 meter-long KP102 model to be combined in vertical and horizontal line array configurations to satisfy many different venue requirements during temporary events and for permanent installations.

Pythons are able to reproduce the entire vocal frequency range with excellent intelligibility, starting from 150 Hz. Integrating powered subwoofers from K-array (KMT12, KMT18, KMT21) ensures excellent coverage of the entire musical frequency range. K-array’s KA amplifier series also features custom presets, optimized for use with the Python series.

All Python components are designed by K-array and custom made under K-array’s quality control system.



## FEATURES

- Unique performance-to-size ratio
- Vertical, horizontal and 3D line array applications
- Multiple 3.15” long excursion, full-range cone drivers
- Wide horizontal coverage
- Electronically protected
- Selectable 4 Ohm or 16 Ohm impedance
- Selectable vertical pattern (Spot - Flood)
- Weather proof, suitable for outdoor installations - IP54
- Available in black, white and brushed or polished steel finish

## APPLICATIONS

- Theatre, club, house of worship
- Front fill and under-balcony fill
- Portable and installed AV systems
- Stage and AV studio monitoring

## ACCESSORIES

K-BASE2, K-FLY2, KP-CLUSTER2, K-FOOT2, K-BASE2, K-JOINT2, KP-STAGE, K-WALL2L, K-WALL2LW, K-WALL2, K-WALL2W

## SPECS

ACOUSTICS	
Power handling	720 W (AES)
Impedance	4Ω or 16Ω (selectable)
Frequency range	100 Hz - 20 KHz.
Maximum SPL	128 dB continuous - 134 dB peak
COVERAGE	
Horizontal	90°
Vertical	7°- 30° (selectable)
CROSSOVER	
Type	External Crossover required
Frequency	High pass @100 Hz, 24 dB/oct suggested minimum
TRANSDUCERS	
Full-range	12 x 3.15” Neodymium magnet with 1” voice coil
POWER AUDIO INPUT	
Connectors	2 x 4-pin Speakon
Wiring	1+ 1- (signal IN & LINK); 2+ 2- (through)
Selection Switch	
Vertical pattern	Spot - Flood
Impedance	4Ω - 16Ω
PHYSICAL	
Dimensions	8.8 x 100 x 11.8 cm (3.56” x 39.4” x 4.65”)
Weight	12 Kg (26.45 lbs)

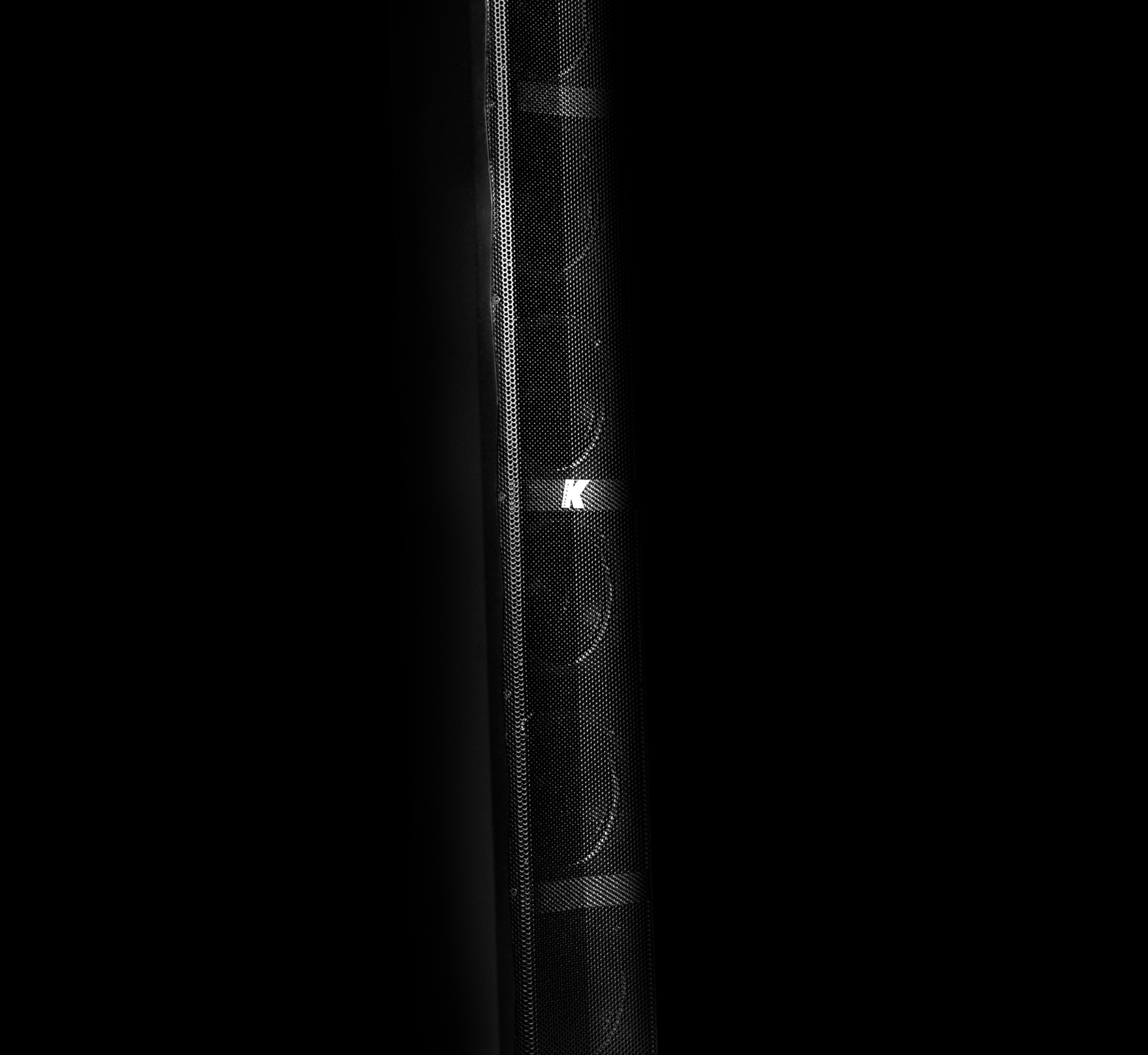
Notes for data  
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installed sound KP102

KP102XP  
exclusive polished steel finish





Speakers

***Kayman***

Line array element, variable beam speaker



Integrating one of the K-array powered subwoofers configured with specific presets for the Kayman assures excellent coverage of the entire musical frequency range.



# KY102

Line array element, variable beam speaker

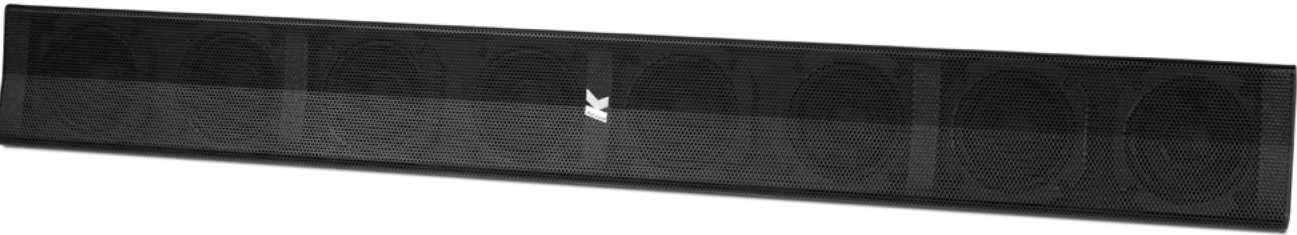
The KY102 Kayman is a passive speaker system comprised of eight 4” neodymium magnet transducers housed in an elegant and sturdy stainless steel chassis.

The vertical dispersion pattern can be switched for wide or narrow coverage, allowing for a great variety of applications. The eight closely spaced cone drivers provide true line array characteristics - phase coherence, low distortion and focused listening in both the near field, and at a distance from the speaker. A variety of rigging accessories provides many linking and hanging options for the Kayman to be joint in vertical and horizontal line array configurations to satisfy many different venue requirements during temporary events and for permanent installations.

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

For easier use and integration with other speakers or amplifiers, there are two different values of impedance: 8Ω – 32Ω. The Kayman is able to reproduce the whole vocal frequency range with high intelligibility, starting from 90 Hz. Integrating one of K-array powered subwoofers (KMT12, KMT18, KMT21, KMT218) configured with specific presets for the Kayman assures excellent coverage of the entire musical frequency range. The K-array KA amplifier series also have presets optimized for the loudspeaker that can be uploaded from a computer.

All Kayman components are designed by the K-array R&D department and custom made under the K-array quality control system.



## FEATURES

- Unique performance-to-size ratio
- Vertical, horizontal and 3D line array applications
- Multiple 4” long excursion full-range cone drivers
- Wide horizontal coverage
- Electronically protected
- Selectable 8 Ohm or 32 Ohm impedance
- Selectable vertical pattern (Spot - Flood)
- Weather proof, suitable for outdoor installations- IP54
- Available in black, white and brushed or polished steel finish

## APPLICATIONS

- Theatre, Club, House of Worship
- Front fill and under-balcony fill
- Portable and installed AV systems
- Stage and AV studio monitoring

## ACCESSORIES

K-BASE2, K-FLY2, K-FOOT2, K-JOINT2, KY-STAGE, K-WALL2, K-KCLAMP/S, K-KCLAMP, K-SPK235, KWIRE15, K-WIRE2

## SPECS

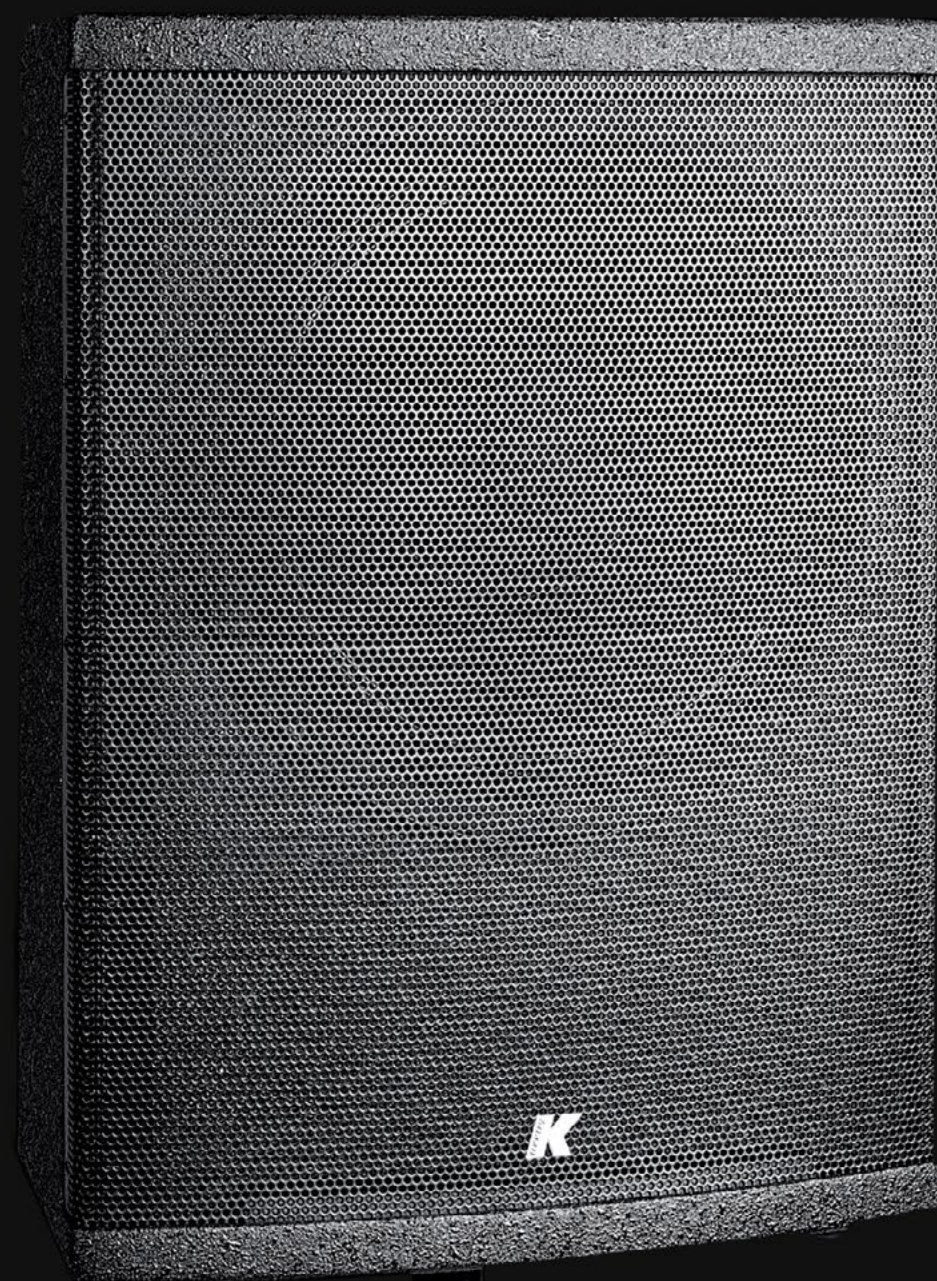
ACOUSTICS	
Power handling	1200 W
Max power	1800 W
Frequency range (-10 dB)	90 Hz – 20 KHz (- 3dB) <sup>(1)</sup>
Impedance	8 Ω / 32 Ω (selectable)
SPL 1W/1mt	102 dB <sup>(2)</sup>
Maximum SPL	132 dB (cont.) – 138 dB (peak) <sup>(3)</sup>
COVERAGE	
Horizontal	90°
Vertical	7° / 30° (selectable)
CROSSOVER	
Type	External Crossover required
Frequency	High pass @ 90 Hz, 24 dB/oct suggested minimum
TRANSDUCERS	
Full range	8 x 4” Neodymium magnet cone drivers with 1.5” voice coil
	Selection Switch
Impedance	8 Ω / 32 Ω
Coverage	Spot / Flood
POWER AUDIO IN/OUT	
Connectors	1 x 4-pin connector
Wiring	1+ 1- (signal IN & LINK); 2+ 2- (through)
RECOMMENDED AMPLIFIERS	
Type	KA84
CERTIFICATION	
IP	54
PHYSICAL	
Dimensions	11.3 x 100 x 13.2 cm (4.45” x 39.4” x 5.2”)
Weight	14.9 kg (32.85 lbs)

Notes for data  
1. With dedicated preset;  
2. Measured @4 mt then scaled @1 mt;  
3. Measured with musical signal  
New materials and design are introduced into existing products without previous notice.  
Present systems may differ in some respects from those presented in this catalogue.



8 / 32 Ohm Selectable ● Spot / Flood Switcher







# KF12P

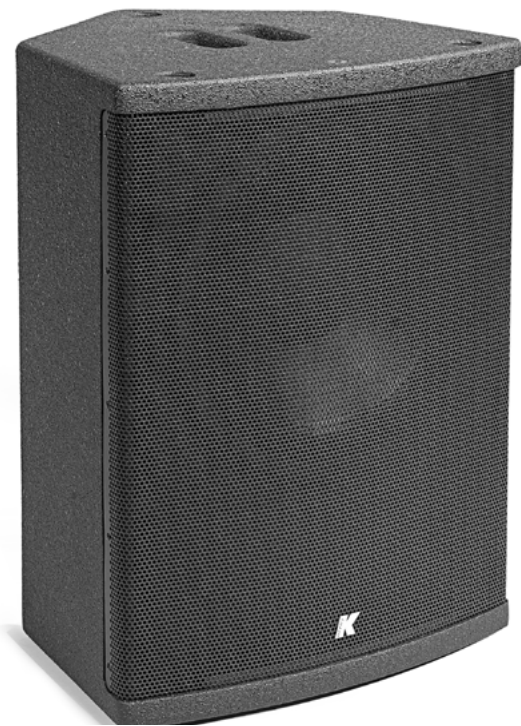
Full-range, 12” coaxial multipurpose passive speaker

The KF12P is a 12” coaxial full-range, multipurpose passive speaker.

It is ideally used as a stage monitor due to its wedge shape, as a stereo system with one active (KF12MT) and one passive (KF12P), or as a main PA system for small to medium size events.

Designed and manufactured in Italy, the KF12MT and the KF12P give uncompromising sound quality in a small footprint and are compatible with a variety of accessories.

Customized colors are available upon request.



## FEATURES

- Stage monitor on live stage
- Theatrical sound reinforcement
- Concert halls, clubs, houses of worship
- Portable and installed AV systems
- Cinema and special effects
- Optimized for KF12MT, KMT18 and KA40

## APPLICATIONS

- Unique performance-to-size ratio
- Symmetrical horizontal and vertical coverage
- Angled cabinet for floor monitor use
- Integrated 35mm pole adapter for different uses
- Black wood chassis and black steel grill
- Customized colors available upon request

## ACCESSORIES

K-F12WALL, K-POLE1

## SPECS

### ACOUSTICS

Speaker power handling	800 + 200 W <sup>(AES)</sup>
Max Power	1200 W <sup>(1)</sup>
Impedance	8 Ω
Frequency range (-10 db)	55 Hz – 19 KHz <sup>(2)</sup>
Maximum SPL	127 dB (continuous), 133 dB (peak) <sup>(3)</sup>

### COVERAGE

Horizontal	70°
Vertical	70°

### CROSSOVER

Type	Internal passive crossover
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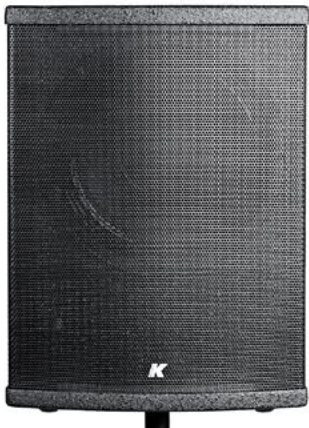
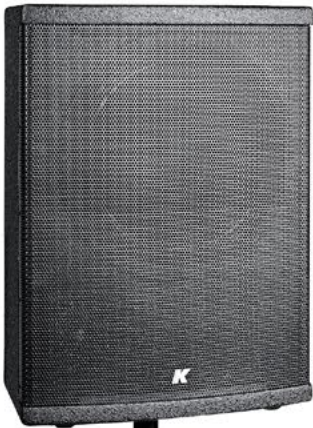
### TRANSDUCERS

Coaxial Transducer	12” Neodymium magnet Woofer with 3” voice coil Neodymium magnet Compression Driver with 3” Voice Coil
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### PHYSICAL

Dimensions	39 x 52.2 x 36.5 cm (15.37” x 20.55” x 14.38 ”)
Weight	16.2 Kg (35.71 lb)

<sup>(1)</sup> Maximum RMS applicable power for a musical signal. The reference signal is the one proposed by EIAJ standard  
<sup>(2)</sup> With dedicated preset;  
<sup>(3)</sup> Mesured @8 m, then scaled @1 m







Monitors

***Ninja***

Low profile, variable beam speaker



# KJ50VB

Low profile, variable beam speaker

Along with its ultra-slim profile, substantial output capability and smooth frequency response over the full vocal range, the KJ50vb Ninja has the unique capability to switch the horizontal coverage pattern to vary the vertical coverage through DSP control.

The Ninja is specifically designed to work with the K-array KA7-7 four-channel power amplifier. The KA7-7 provides the discrete preset DSP control settings for speaker protection, equalization and the vertical beamwidth and steering capabilities.

The Ninja is also capable of operating with other power amplifiers and DSP control systems. For these applications please contact K-array technical support at tech@K-array.com.



## FEATURES

- Selectable horizontal coverage
- Variable vertical coverage from external DSP control. +/- 15° focus area
- Multiple 2" long excursion, full-range drivers
- Smooth frequency response
- Electronically protected
- High dynamic range capability
- Top quality components for outstanding performance
- Ultra-thin frame for invisible installation
- Weather proof, suitable for outdoor installations - IP54

## APPLICATIONS

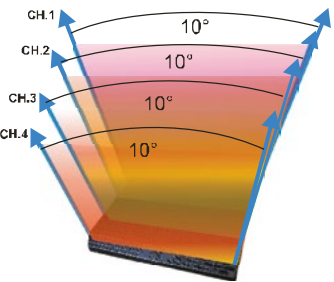
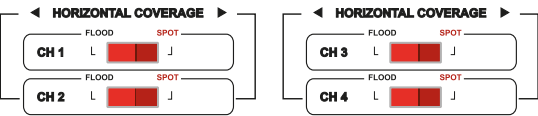
- TV stage monitoring
- Live stage monitoring
- Ceiling PA or monitor installations
- Permanent installations
- Under balcony applications

## SPECS

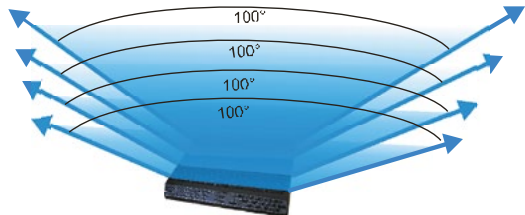
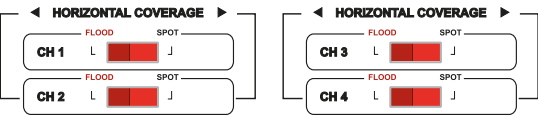
ACOUSTICS	
Power handling	4 x 150 W <sup>(AES)</sup>
Impedance	4 x 16Ω (spot mode), 4 x 8Ω (flood mode)
Frequency range	150 Hz - 19 KHz
Maximum SPL	124 dB continuous - 130 dB peak
COVERAGE	
Horizontal	switchable from Spot (10°) to Flood (100°)
Vertical	DSP dependent 10° 'Narrow' to 70° 'Wide', +/- 15° variable focus in 'Narrow' mode
SPEAKER INPUT	
Connectors	1 x 8-pin Speakon NL8 input 1 x 8-pin Speakon NL8 Thru
TRANSDUCERS	
Full-range	36 x 2" neodymium magnet 0.75" VC long-excursion speakers
RECOMMENDED AMPLIFIERS	
Type	The K-array KA7-7 amplifier can drive up to 4 x KJ50vb speaker systems in parallel.
SELECTION SWITCH	
Coverage	4 x switches for near, mid-near, mid-far and far-field
PHYSICAL	
Dimensions	50.3 x 43.3 x 6.1 cm (19.80" x 17.05" x 2.40")
Weight	10 Kg (22.5 lbs)

Notes for data  
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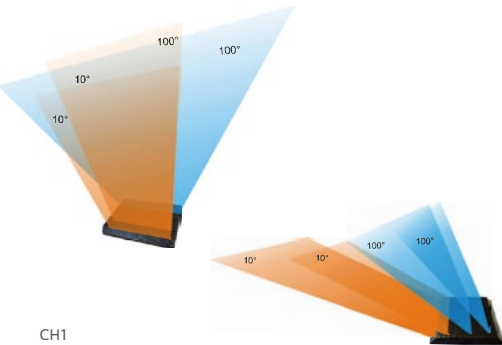
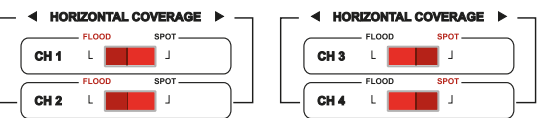
## SPOT MODE



## FLOOD MODE



## COMBINED MODE



CH1  
CH2  
CH3  
CH4

installed sound KJ50VB





Monitors

**KX**

Ultra-slim, 12" coaxial passive line array element



A photograph showing two compact, black, rectangular KX12 speakers mounted on a wooden structure. The speakers are positioned on either side of a central wooden beam, which is part of a larger wooden frame. The background is a blurred view of green foliage, suggesting an outdoor setting. The text "Withstanding the weather" is overlaid in white, serif font in the center of the image.

Withstanding the weather

The KX12 is a compact coaxial 12" speaker that features a 100° by 30° horn with an adjustable orientation.



# KX12

Ultra-slim, 12" coaxial passive line array element

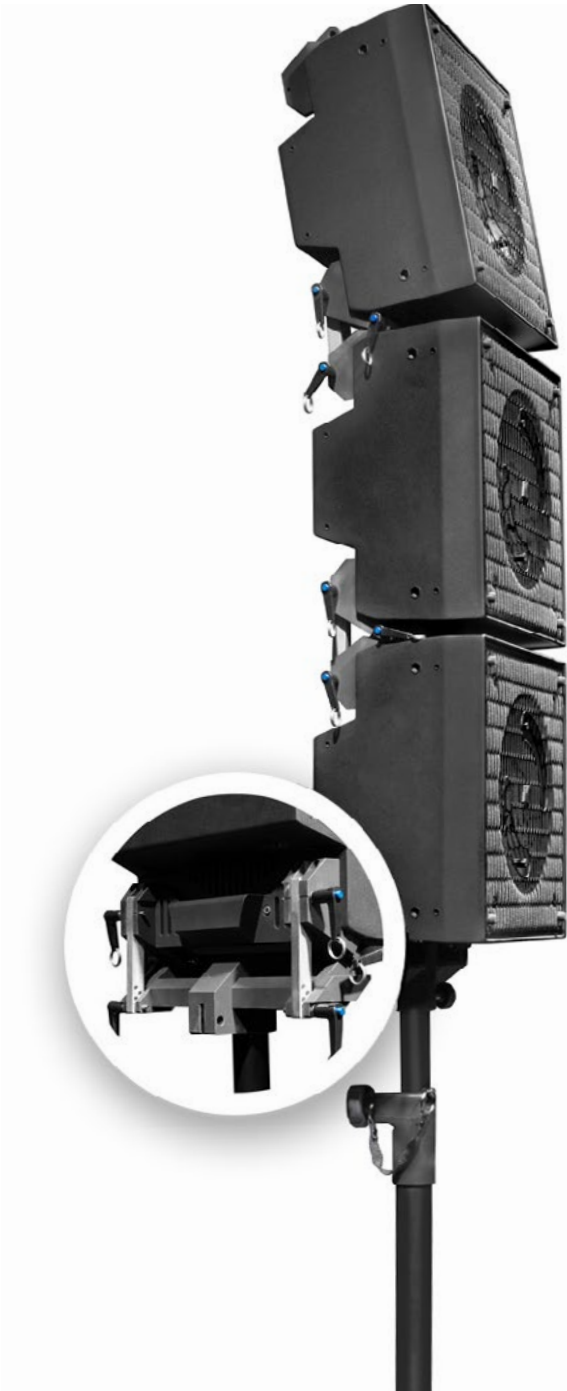
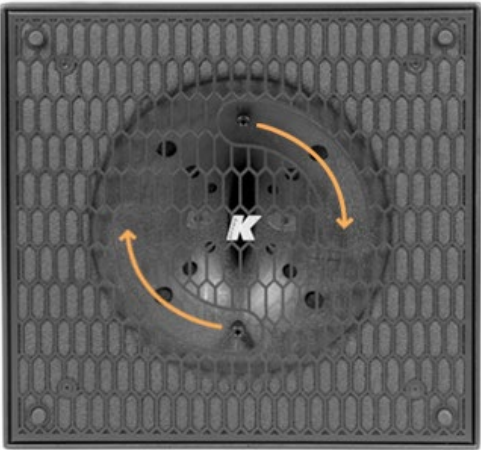
Designed to be consistently unique like all K-array products, the KX12 is a radical reinterpretation of a traditional coaxial 12" speaker. Its compact shape and different accessories allow the KX12 to perform as a powerful audio point source or as part of a line array.

When high pressure is needed in the foreground with a rapid depreciation once distanced from the source, the KX12 can meet this demand to become one of the most useful tools for an installer. Similar to the Firenze KH7, an asymmetric 100° by 30° horn with an adjustable orientation gives to the speaker an added value providing two modes of coverage to choose from to meet the needs of different installations.

Additionally, dedicated accessories assist in the setup of joining, flying and stacking the speaker, making it a perfect line array component.

Its steel chassis offers maximum rigidity in a minimum size. The speaker delivers a continuous SPL of 127 dB and has a frequency range of 120 Hz to 18 kHz. It is compatible with all K-array KMT subwoofers.

All KX12 components are designed by the K-array R&D department and custom made under the K-array quality control system.



## FEATURES

- Unique performance-to-size ratio
- Asymmetrical horizontal and vertical coverage
- Variable angle array design
- Stainless steel chassis
- Customized colors only upon specific request

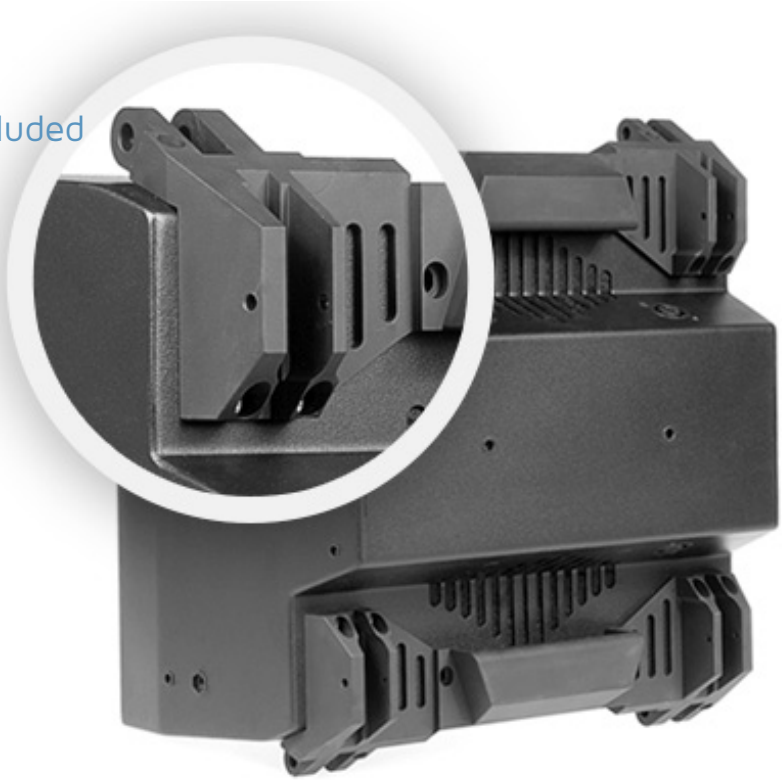
## APPLICATIONS

- Theatres, clubs, houses of worship
- Front fill and under-balcony fill
- Portable and installed AV systems
- Cinema and special effects
- Optimized for KMT18, KMT21, KMT218, KA84

## ACCESSORIES

- K-FLY22, K-FLY2B.K-JOINT2B, K-WIRE15, K-WIRE2

K-JOINT2B not included



## SPECS

ACOUSTICS	
Power handling	800 + 200 W
Impedance	8Ω
Frequency range	120 Hz - 19 KHz <sup>(1)</sup>
Maximum SPL	127 dB (cont.) - 133 dB (peak) <sup>(2)</sup>
COVERAGE	
Horizontal	100°/30° (depending on horn orientation)
Vertical	100°/30° (depending on horn orientation)
POWER AUDIO INPUT/OUTPUT	
Connectors	2 x 4-pin Speakon
Wiring	1+ 1- (Signal IN & LINK ) 2+ 2- (Through)

TRANSDUCERS	
Coaxial	1 x 12" Neodymium magnet woofer with 3" voice coil Neodymium magnet compression driver with 2" voice coil

## RECOMMENDED AMPLIFIERS

Type	KMT18, KMT21, KMT218, KA84
------	----------------------------

## PHYSICAL

Dimensions	34.0 x 32.0 x 20.0 cm (13.4" x 12.6" x 7.9")
Weight	12.2 kg (26.9 lbs)

Notes for data  
1. With dedicated preset;  
2. Measured with musical signal  
New materials and design are introduced into existing products without previous notice.  
Present systems may differ in some respects from those presented in this catalogue.





# KA14

All-in-one KA amplifier and processing solution

The KA14 is a versatile amplifier, easily adaptable for small applications that do not require a lot of power. Responding to the needs for a simple solution for those who do not have a lot of additional resources, the KA14 is a complete system with a mixer, processor and amplifier.

The KA14 features four fully-independent and configurable output channels (4 x 300 W at 4 Ω). The integrated DSP offers EQ, Matrix, Levels, Delays and a Limiter to avoid the need for additional external processors. The front panel has an easy-to-use touchscreen that gives access to all the basic functions for quick setup and corrections. The KA14 can be used as a mixer for fixed installations thanks to the XLR and RCA analog inputs.

An onboard library with K-array speaker presets provides configuration for endless combinations of the Lyzard, Vyper, Tornado and Rumble loudspeakers. All DSP functions are remote controlled via the K-framework software over USB connector.

The amplifier is built into a 2U lightweight, aluminum chassis and comes with a kit of removable rack adapters and four rubber pads for flat surfaces. KA amplifiers feature optical limiters, and protection against overheating, overcurrent and short circuits.



## FEATURES

- 1000W in just 2 rack units
- XLR and RCA Inputs
- 4 independent, fully-configurable outputs
- Integrated DSP with processing, matrix and delays
- Onboard touch screen for easy access functions
- USB connectivity for remote control

## APPLICATIONS

- Optimized for Lyzard, Vyper, Tornado and Rumble speakers
- Restaurants, lounges, retail stores
- Exhibit audio for museum displays
- Portable and installed AV systems

installed sound KA14

## SPECS

OUTPUT POWER	
Max Power 4Ω	4 x 300 W <sup>(1)</sup>
Minimum impedance	4 Ω
AUDIO INPUT	
Analog Connectors	2 female 3-pin balanced XLR + 3 stereo female unbalanced RCA
REMOTE CONTROL	
Connectors	1 male + 1 female XLR parallel / 1 USB B Jack serial converter
AC POWER	
Connector	3-pinn inlet IEC 320 C14
Operating range	AC 85 - 264 Vac
PHYSICAL	
Dimensions	430 mm x 295 mm x 94 mm (16.93" x 11.61" x 3.7 ")
Weight	3.8 Kg (8.38 lb)

Notes for data  
1. EIAJ Test Standard, 1KHz, 1%THD  
New materials and design are introduced into existing products without previous notice.  
Present systems may differ in some respects from those presented in this catalogue



# KA24-KA84

All in one KA amplifier and processing solution

The K-array KA line of power amplifiers are comprised of the KA24 and KA84. The KA24 is a 4 channel per 500W on 4 Ohm and the KA84 is a 4 channel per 2000W on 4 Ohm. Both have 4 fully-independent and configurable channels. The integrated DSP offers EQ, Matrix, Levels, Delays and Limiter functions on every channel, to avoid the need of external additional processors. The front panel has an easy-to-use touchscreen that gives access to all the basic functions for quick setup and corrections.

Both models can be used as a mixer for fixed installations thanks to the microphone and Phantom power options available on every analog IN. 2 GPIO ports give easy external analog controls using K-array accessories.

An onboard library preset with K-array speaker gives an optimal and easy configuration for endless combinations. All DSP functions are remote controlled via the K-framework software over RS485 (3-pin XLR) or integrated USB connector.

Both amplifiers are built into a 2U light weight aluminium chassis and come with a kit of removable rack adapters and four rubber pads for flat surfaces. The KA amplifiers feature optical limiters, and protection against over temperature, over current and short circuits.

All KA components are designed by the K-array R&D department and custom made under the K-array quality control system.



## FEATURES

- 2000W or 8000W in just 2 rack units
- 4 analog IN and 2 AES-EBU IN to 4 configurable OUT
- 2 GPIO for external analog controls
- Mic IN and 48V option on all IN for mixer application
- Integrated DSP with processing, matrix and delays
- Onboard touch screen for easy access functions
- K-array loudspeaker presets already on board
- RS485 and USB connectivity for remote control

## APPLICATIONS

- Theatrical sound reinforcement
- Concert halls, clubs, houses of worship
- Exhibit audio for museum displays
- Cinema and installed AV systems
- Touring PA and monitoring



### KA24 Specs

	OUTPUT POWER
Max Power 4Ω	4 x 600 W <sup>(1)</sup>
Max Power 8Ω	4 x 300 W <sup>(1)</sup>
Max Power - bridged 8Ω	2 x 1200 W <sup>(1)</sup>
Minimum impedance	4 Ω (single channel mode) 8 Ω (bridge mode)
	AUDIO INPUT
Analog Connectors	4 male + 4 female 3-pin balanced XLR
Digital Connectors	1 male + 1 female 3-pin XLR
	REMOTE CONTROL
Connectors	1 male + 1 female XLR parallel / 1 USB B Jack serial converter
	AC POWER
Connector	2 x PowerCon IN/OUT
Operating range	AC 90V - 264V
	PHYSICAL
Dimensions	430 mm x 295 mm x 94 mm (16.9" x 11.6" x 3.7 ")
Weight	5.5 Kg (12.12 lb)

Notes for data  
1. EIAJ Test Standard, 1KHz, 1%THD  
New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue

### KA84 Specs

	OUTPUT POWER
	4 x 2000 W <sup>(1)</sup>
	4 x 1000 W <sup>(1)</sup>
	2 x 4000 W <sup>(1)</sup>
	4 Ω (single channel mode) 8 Ω (bridge mode)
	AUDIO INPUT
	4 male + 4 female 3-pin balanced XLR
	1 male + 1 female 3-pin XLR
	REMOTE CONTROL
	1 male + 1 female XLR parallel / 1 USB B Jack serial converter
	AC POWER
	2 x PowerCon IN/OUT
	AC 90V - 264V
	PHYSICAL
	430 mm x 295 mm x 94 mm (16.9" x 11.6" x 3.7 ")
	6.1 Kg (13.45 lb)



Subwoofers

**KMTP**

Ultra-light, high-performing subwoofers





KMT12P

Ultra-light, high-power 12” subwoofer

The KMT12P is a high performance sub-bass system designed for use with small to medium wavefront systems, in both touring and install applications.

It features a 600 watt 12” drive unit with magnet structure and suspension engineered for maximum linear excursion.

The ultra-light reflex cabinet is fitted with two pocket handles and one M20 thread mount position for attaching mid-high speakers. It features large area porting to reduce air noise.

The KMT12P is ideal for small throw applications, like theaters, concert halls, AV installations.

All the KMT12P components are designed by K-array R&D department and custom made under K-array control quality system.

FEATURES

- Unique performance-to-size ratio
- High power 128 dB continuous - 134 dB peak
- Fitted with integral handles and castors
- Direct radiating, long excursion 12” driver
- Ultra-fast setup and dismantling system

APPLICATIONS

- Theatrical sound reinforcement
- Concert halls, clubs, houses of worship
- Portable and installed AV systems
- Cinema surround sound and effects



KMT12P Specs

ACOUSTICS	
Power handling	700W (AES)
Impedance	8 Ω
Frequency range	40Hz - 150 Hz +/- 3dB (preset dependent)
Maximum SPL	128 dB continuous - 134 dB peak
COVERAGE	
Horizontal	Omni
Vertical	Omni
CROSSOVER	
Type	External Crossover required
Frequency	low pass @150 Hz maximum
TRANSDUCERS	
Full-range	1 x 12” Neodymium speakers with 3” voice coil
PHYSICAL	
Dimensions	32.5 x 33.5 x 43.5 cm (12.91” x 13.19” x 17.13”)
Weight	12.6 Kg (27.78 bs)

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

KMT18P

Ultra-light, high-power 18” subwoofer

The KMT18P is a high performance sub-bass system designed for use with small to medium wavefront systems, in both touring and install applications.

It features a 800W 18” drive unit with magnet structure and suspension engineered for maximum linear excursion. The ultra-light reflex cabinet is fitted with two pocket handles and one M20 thread mount position for attaching mid-high speakers . It features large area porting to reduce air noise.

The KMT18P is designed to be powered by KMT18 Speakon output and to be easily integrated with Kobra mid-high speakers.

The KMT18P is ideal for medium throw applications, like theaters, concert halls, AV installations.

All the KMT18P components are designed by K-array R&D department and custom made under K-array control quality system.

FEATURES

- Unique performance-to-size ratio
- High-power 128 dB continuous - 134 dB peak
- Fitted with integral handles and castors
- Direct radiating, long excursion 18” driver
- Ultra fast set-up and dismantling system

APPLICATIONS

- Theatrical sound reinforcement
- Concert halls, clubs, houses of worship
- Portable and installed audio-visual systems
- Cinema and special effects



KMT18P Specs

ACOUSTICS	
Power handling	800W (AES)
Impedance	8 Ω
Frequency range	30Hz - 150 Hz +/- 3dB (preset dependent)
Maximum SPL	128 dB continuous - 134 dB peak
COVERAGE	
Horizontal	Omni
Vertical	Omni
CROSSOVER	
Type	External Crossover required
Frequency	low pass @150 Hz maximum
TRANSDUCERS	
Full-range	1 x 18” Neodymium speakers with 3” voice coil
PHYSICAL	
Dimensions	46.5 x 47.5 x 61 cm (18.31”x 18.70” x 24.02”)
Weight	24.6 Kg (54.23 lbs)

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

# KMT21P

High-performing, 21” subwoofer

The KMT21P is a high performance sub-bass system designed for use with small to medium wavefront systems, in both touring and install applications.

It features a 1800 watt 21” drive unit with magnet structure and suspension engineered for maximum linear excursion.

The ultra-light reflex cabinet is fitted with two pocket handles and one M20 thread mount position for attaching mid-high speakers .It features large area porting to reduce air noise.

The KMT21P is ideal for small throw applications, like theaters, concert halls, AV installations.

All the KMT21P components are designed by K-array R&D department and custom made under K-array control quality system.

## FEATURES

- Unique performance-to-size ratio
- High power 132 dB continuous - 138 dB peak
- Fitted with integral handles and castors
- Direct radiating, long excursion 21” driver
- Ultra fast set-up and dismantling system

## APPLICATIONS

- Theatrical sound reinforcement
- Concert halls, clubs, houses of worship
- Portable and installed audio-visual systems
- Cinema and special effects



### KMT21P Specs

ACOUSTICS	
Power handling	1800W <sup>(AES)</sup>
Impedance	4 Ω
Frequency range	30Hz - 150 Hz +/- 3dB (preset dependent)
Maximum SPL	132 dB continuous - 138 dB peak
COVERAGE	
Horizontal	Omni
Vertical	Omni
CROSSOVER	
Type	External Crossover required
Frequency	low pass @150 Hz maximum
TRANSDUCERS	
Full-range	1 x 21” Neodymium speakers with 4” voice coil
PHYSICAL	
Dimensions	55.5 x 55.5 x 77.7 cm (21.85” x 21.85” x 30.59
Weight	44.5 Kg (98.11 lbs)
<small>Notes for data New materials and design are introduced into existing products wll notice. Present systems may differ in some respects from those pr this catalogue.</small>	

# KMT218P

High-performing, 2 x 18” subwoofer

The KMT218P is a high performance sub-bass system designed for use with small to medium wavefront systems, in both touring and install applications.

It features two 800 watt 18” drive units with magnet structure and suspension engineered for maximum linear excursion. The ultra-light reflex cabinet is fitted with pocket handles and one M20 thread mount position for attaching mid-high speakers. It features large area porting to reduce air noise.

The KMT218P is designed to be powered by KMT218 Speakon output and to be easily integrated with Kayman mid-high speakers.

The KMT218P is ideal for medium-large throw applications, like theaters, clubs, concert halls, portable and permanent AV installations.

All the KM2T18P components are designed by K-array R&D department and custom made under K-array control quality system.

## FEATURES

- Self powered
- Integrated DSP with multiple analog and digital inputs
- Onboard touch screen with matrix control
- Direct radiating, long excursion 2 x 18” cone drivers
- RS485 and USB connectivity for remote control
- Ultra fast set-up and dismantling system
- Fitted with integral handles

## APPLICATIONS

- Theatrical sound reinforcement
- Concert halls, clubs, houses of worship
- Portable and installed AV systems
- Houses of worship
- Optimized for KY102

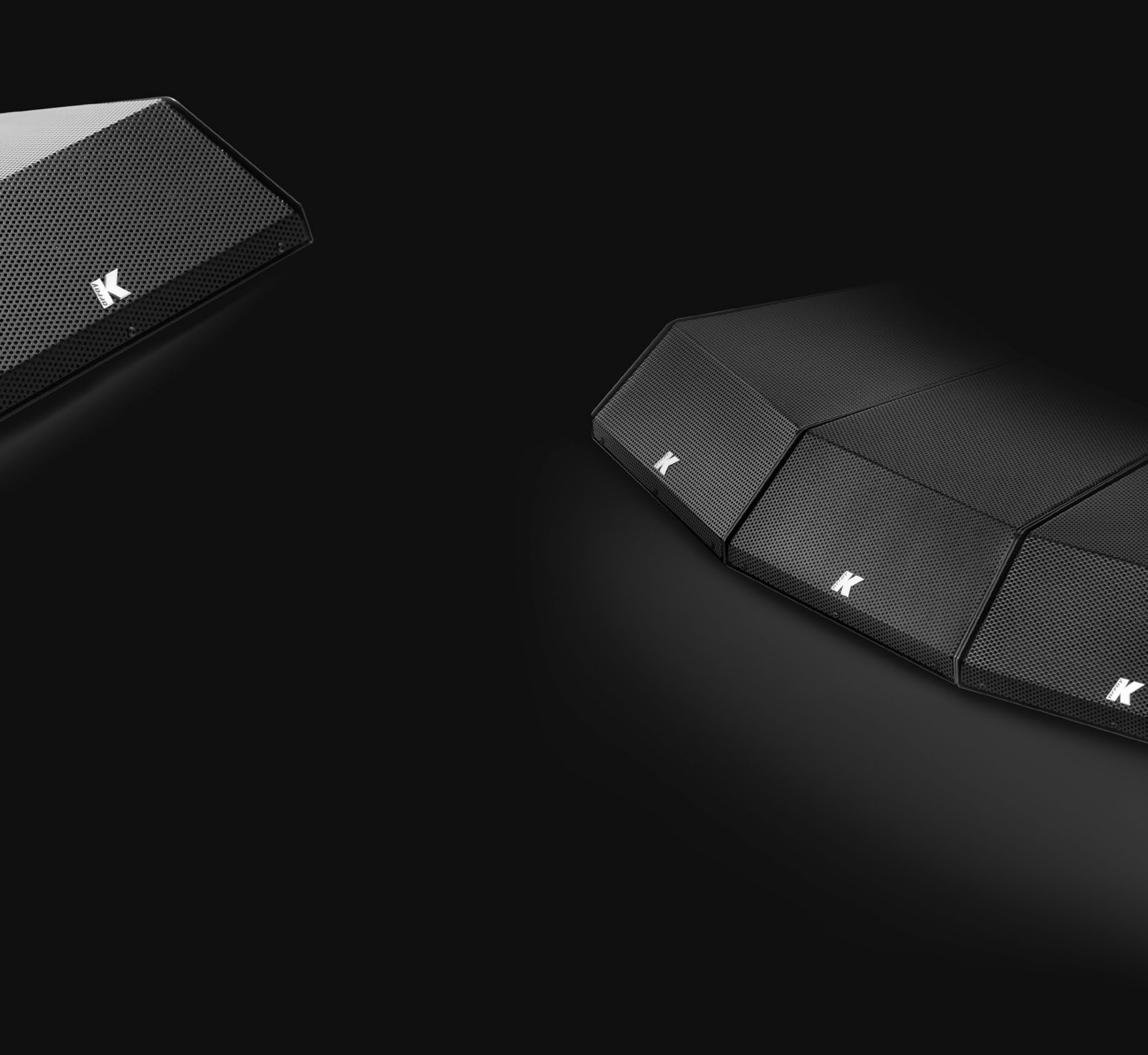


### KMT218P Specs

ACOUSTICS	
Power handling	1600 W
Max power	2800 W <sup>(1)</sup>
Impedance	4 Ω
ency range (-10 dB)	30 Hz - 150 Hz <sup>(2)</sup>
SPL 1W/1mt	101 dB <sup>(3)</sup>
Maximum SPL	133 dB (cont.) - 139 dB (peak) <sup>(4)</sup>
COVERAGE	
Horizontal	omni - cardio
Vertical	omni - cardio
CROSSOVER	
Type	External crossover required
Frequency	Low pass @ 150 HZ (maximum - preset dependent)
TRANSDUCERS	
Type	2 X 18” Neodymium magnet woofer with 3” voice coil
POWER AUDIO IN/OUT	
Connectors	2 x 4-pin Speakon
Wiring	1+ 1- (signal IN & LINK); 2+ 2- (through)
RECOMMENDED AMPLIFIERS	
Type	KA84, KMT218
PHYSICAL	
Dimensions	95.3 cm x 48 cm x 60 cm (37.52” x 19.9” x 23.62”)
Weight	45 Kg (99.21 lb)

Notes for data  
1. Maximum RMS applicable power for a musical signal.  
The reference signal is the one proposed by EIAJ standard  
2. With dedicated preset;  
3. Measured @4 mt then scaled @1 mt;  
4. Measured with musical signal  
5. EIAJ Test Standard, 1kHz, 1%THD  
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Speakers

**KRM**

Low profile variable coverage speaker

KRM33P

Low profile variable coverage speaker

The KRM33P is an ultra-compact and low-profile passive wedge speaker with a controlled horizontal pattern and has an extended frequency response. It is made up of three 3.15” cone drivers and one 6” passive radiator. This combination guarantees a controlled and linear emission on a really wide range, with a bass enhancement mode that can go from 70Hz to 18KHz.

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

The stainless steel chassis is a sturdy and durable box solution which is also remarkably short in height. Thanks to this feature the KRM33P can be easily and discreetly integrated in scenography designs, broadcast studios as well as under-balcony speakers in theaters.

All the components of the KRM33P are designed by the K-array R&D department and made in Italy under the K-array quality control system.



FEATURES

- Selectable horizontal coverage
- Extended frequency response
- Strong stainless steel chassis
- Controlled horizontal dispersion

APPLICATIONS

- Arrayable wedge monitor
- Ceiling and under-balcony speaker
- Corporate installations
- Houses of worship
- Small clubs
- Theatrical sound reinforcement

SPECS

ACOUSTICS

Speaker power handling	180W <sup>(AES)</sup>
Max Power	300 W <sup>(1)</sup>
Impedance	8 Ω
Maximum SPL	115 dB (continuous), 121 dB (peak) <sup>(2)</sup>

COVERAGE

Horizontal	30° - 70° selectable
Vertical	90°

CROSSOVER

Type	External crossover required
Frequency	High pass @ 70 Hz, 24 dB/oct. suggested minimum

TRANSDUCERS

Full-range	3 X 3,15 Neodymium cone driver with 1" voice coil
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PHYSICAL

Dimensions	266 mm x 103 mm x 302 mm (10,47" x 4,06" x 11,89 ")
Weight	4,4 Kg (9,5 lb)

<sup>(1)</sup> Maximum RMS applicable power for a musical signal. The reference signal is the one proposed by EIAJ standard  
<sup>(2)</sup> Measured with musical signal



**Rumble**

Ultra-slim, high-power Subwoofer



These high performance subwoofers are the perfect companion to the K-array Installed Sound series



# KU26

Ultra-thin, high-power passive subwoofer

K-array’s compact subwoofers have just been scaled down even more. Components from the K-array subwoofer line have been modified to create a smaller, yet extremely powerful, bass system comprised of one 6” neodymium transducer and one 6” passive radiator, engineered for maximum linear excursion and minimum residual noise.

With a frequency range of 45 Hz to 150 Hz, the KU26 is a companion to the K-array Lizard, Vyper, Tornado and Anakonda speakers. The combination provides full range frequency response with prodigious output and a virtually invisible profile. The KU26 boasts extended frequency response and is electronically protected.

Its neodymium transducer has a dual voice coil (16+16 Ω) for selectable impedance settings (8/32 Ω) allowing you to combine up to eight KU26 units powered by just one KA84 amplifier channel.

KU26 is made entirely of steel, making it extremely resistant, even when deployed outside in tough weather conditions. This is ideal for water-front environments where ordinary bass speakers would corrode. It cannot be penetrated by foreign objects like dust, sand or water, which over time can damage an ordinary audio element.

The subwoofer is available in black or white to adapt to the aesthetics for almost all applications and has dedicated accessories available and includes integrated flying points for various setups.

The KU26 has been designed to extend the low range in small to medium size rooms. Applications vary from hotels and churches to pubs and restaurants as well as stores and conferences.

All KU26 components are designed by the K-array R&D department and custom made under the K-array quality control system.

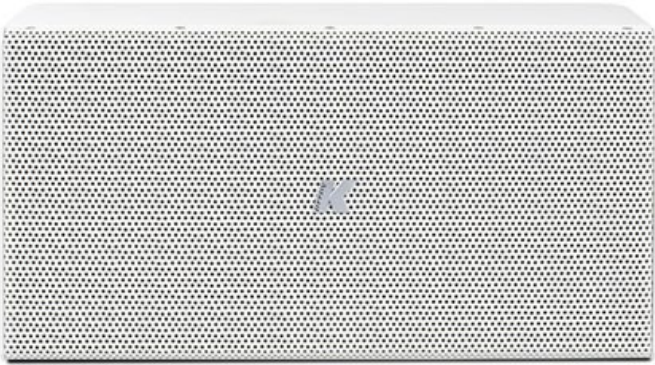


## FEATURES

- Unique performance-to-size ratio
- High power 121 dB SPL (peak)
- 6” long excursion woofers
- 6” passive radiators
- Double voice coil to allow for selectable impedance (8Ω / 32Ω)
- Weather proof, suitable for outdoor installations - IP54
- Available in black, white and brushed or polished steel finish

## APPLICATIONS

- To extend the low range of the Lizard, Tornado, Vyper and Anakonda mid-high speakers
- Restaurants, lounges, stores, pubs
- Houses of worship, conference halls
- Portable and installed AV systems



KU26W



KU26

SPECS	
ACOUSTICS	
Power handling	2 x 80 W
Impedance	8 / 32 Ω selectable (2 x 16 Ω)
Frequency range (-10 dB)	45 Hz – 150 Hz <sup>(1)</sup>
SPL 1W/1mt	89 dB <sup>(2)</sup>
Maximum SPL	115 dB (cont.) – 121 dB (peak) <sup>(3)</sup>
COVERAGE	
Horizontal	omni
Vertical	omni
CROSSOVER	
Type	External crossover required
Frequency	Low pass @ 150 Hz

TRANSDUCERS	
Type	1 x 6” Neodymium magnet with 1.5” voice coil
Type	1 x 6” passive transducer
POWER AUDIO IN/OUT	
Connectors	1 x 4-pin phoenix connector
RECOMMENDED AMPLIFIERS	
Type	KA14, KA24
CERTIFICATION	
IP	54 (More complete water protectic with K-KUIP accessory)
PHYSICAL	
Dimensions	35.0 cm x 18.0 cm x 11.9 cm (13.8” x 7.1” x 4.7”)
Weight	5.9 kg (13.0 lbs)

Notes for data

- With dedicated preset
- Measured @ 4 mt then scaled @ 1 mt
- Measured with musical signal

New materials and design are introduced into existing products without previous notice.

installed sound KU26



# KU210

Ultra-thin, high-power passive subwoofer

The KU210 is an ultra-thin, high performance passive subwoofer designed to be the perfect companion to the K-array Installed Sound Series. A combination of extended frequency response with prodigious output and a virtually invisible profile make the KU210 an ideal solution even for the most ambitious projects.

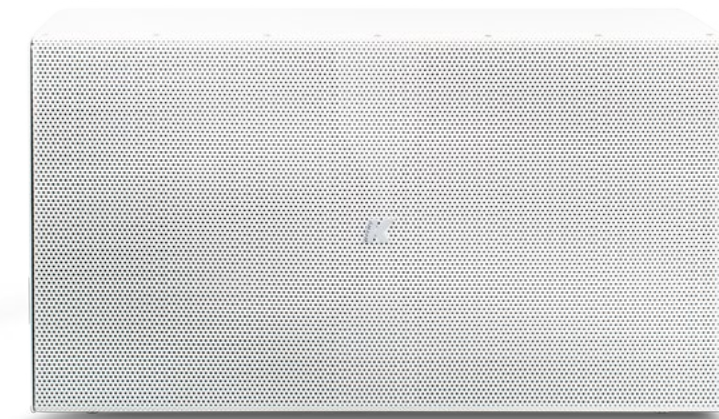
The subwoofer is comprised of a 10" neodymium transducer, combined with a 10" passive transducers, instead of a reflex, which ensures that the device remains completely sealed. The unit is engineered for maximum linear excursion and minimum residual noise. Its neodymium transducer has a double voice coil for two selectable impedance settings, allowing you to combine up to 4 KU210s powered by just one channel of the KA84 amplifier.

KU210 is made entirely of steel, making it extremely resistant, even when deployed outside in tough weather conditions. This makes it ideal for marine environments where ordinary bass speakers would corrode. It cannot be penetrated by foreign objects such as dust, sand or water, which over time can ruin a speaker. KA series amplifiers have presets specifically optimized for KU210 applications.

All components of the K-array installed sound series are designed and custom made in Italy under the K-array quality control system.



KU210



KU210W



## FEATURES

- Unique performance-to-size ratio
- High power 127 dB SPL (peak)
- 10" long excursion woofer
- 10" passive radiator
- Extended frequency response
- Double voice coil (8Ω+8Ω)
- Weather proof, suitable for outdoor installations - IP54
- Available in black, white and brushed or polished steel finish
- Specific RAL code for a customized painted model

## APPLICATIONS

- Theatres, clubs, churches
- To extend the low range in small and medium rooms
- Portable and installed AV systems
- Stage and AV studio monitoring

## SPECS

ACOUSTICS	
Power handling	2 x 160 W
Impedance	4 / 16 Ω selectable (2 x 8 Ω)
Frequency range (-10 dB)	40 Hz – 300 Hz <sup>(1)</sup>
SPL 1W/1mt	94 dB <sup>(2)</sup>
Maximum SPL	121 dB (cont.) – 127 dB (peak) <sup>(3)</sup>
COVERAGE	
Horizontal	omni
Vertical	omni
CROSSOVER	
Type	External crossover required
Frequency	Low pass @ 150 Hz suggested
TRANSDUCERS	
Type	1 x 10" Neodymium magnet with 2" voice coil
Type	1 x 10" passive radiator
POWER AUDIO IN/OUT	
Connectors	1 x 4-pin connector
RECOMMENDED AMPLIFIERS	
Type	KA84, KA24
PHYSICAL	
Dimensions	50 cm x 28.2 cm x 15 cm (19.68" x 11.1" x 5.9")
Weight	11 Kg (24.25 lb)

Notes for data  
<sup>(1)</sup> With dedicated preset;  
<sup>(2)</sup> Measured @4 mt then scaled @1 mt;  
<sup>(3)</sup> Measured with musical signal  
New materials and design are introduced into existing products without previous notice  
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installed sound KU210



KU210XP  
exclusive polished steel finish



# KU44

Ultra-thin, array-able bass element

The KU44 line array element is an extremely compact, array-able bass element designed to combine with mid-high speakers to provide a full range frequency response with prodigious output in a virtually invisible profile.

The line source sub has a frequency range of 50 Hz to 150 Hz and is comprised of two 4” neodymium transducers and two 4” passive radiators engineered for maximum linear excursion and minimum residual noise.

For easier use and integration with all KA amplifiers, the KU44 allows the user to choose between two different values of impedance: 8/32 Ω. At 32 Ω as many as eight KU44 can be powered off a single KA84 amplifier channel.

KU44 is made entirely of steel, making it extremely resistant, even when deployed outside in tough weather conditions. This is ideal for aquatic environmen applications where ordinary bass speakers would corrode. The imprengnable frame cannot be penetrated by foreign objects like dust, sand or water, which over time can damage an ordinary audio element.

A variety of dedicated hardware accessories provide architects with numerous mounting options for permanent and portable installations best suited for theatres and other venues where invisible line arrays are ideal.

Installing a line array of KU44 subwoofers to the side or behind a line array of Kobras creates a full-range sound source with true line array characteristics down to 50 Hz.

All KU44 components are designed by the K-array R&D department and custom made under the K-array quality control system.



## FEATURES

- Unique performance-to-size ratio
- Ideal for line array configurations
- 2 x 4” long-excursion woofers
- 2 x 4” passive radiators
- Extended frequency response
- Selectable impedance (8Ω / 32Ω)
- Weather proof, suitable for outdoor installations
- Available in black, white and brushed or polished steel finish

## APPLICATIONS

- Line array of subwoofer elements
- To extend the low range of a line array of mid-high speakers
- Conference halls, houses of worships, theaters
- Portable and installed AV systems

## SPECS

ACOUSTICS	
Power handling	2 x 60 W
Impedance	8 / 32 Ω selectable (2 x 16 Ω)
Frequency range (-10 dB)	50 Hz – 150 Hz <sup>(1)</sup>
SPL 1W/1mt	84 dB <sup>(2)</sup>
Maximum SPL	110 dB (cont.) – 116 dB (peak) <sup>(3)</sup>
COVERAGE	
Horizontal	omni
Vertical	omni
CROSSOVER	
Type	External crossover required
Frequency	Low pass @ 150 Hz suggested
TRANSDUCERS	
Type	2 x 4” Neodymiun magnet with 1” voice coil
Type	2 x 4” passive radiator
POWER AUDIO IN/OUT	
Connectors	1 x 4-pin Phoenix connector
RECOMMENDED AMPLIFIERS	
Type	KA14, KA24
PHYSICAL	
Dimensions	50 cm x 11.6 cm x 10.1 cm (19.68” x 4.6” x 4.0”)
Weight	5.9 Kg (13.0 lb)

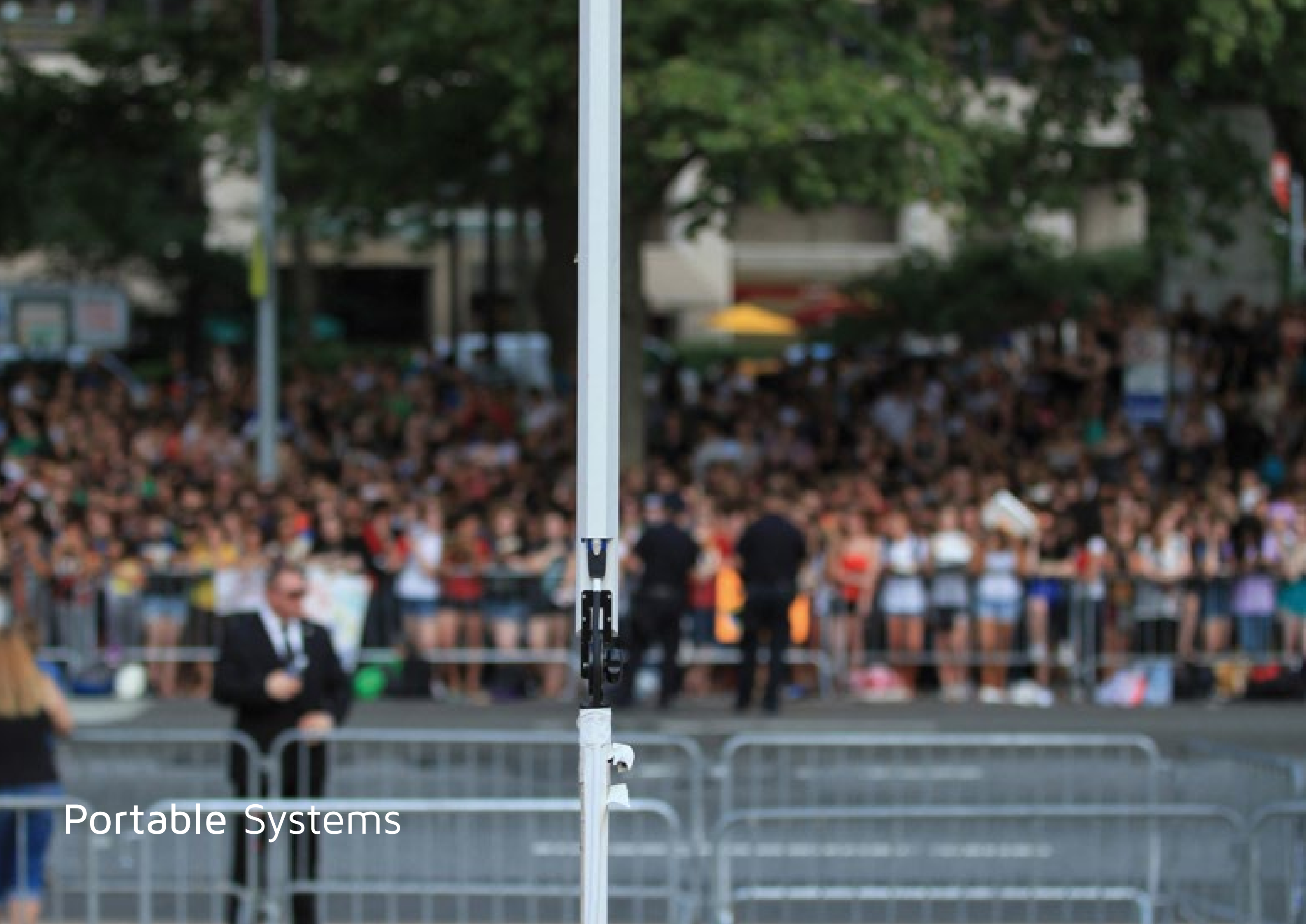
Notes for data  
<sup>(1)</sup> With dedicated preset;  
<sup>(2)</sup> Measured @4 mt then scaled @1 mt;  
<sup>(3)</sup> Measured with musical signal  
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Present systems may differ in some respects from those presented in this catalogue.



KU44W

installed sound KU44





Portable Systems

**Full Range Systems**

**KB1-KB1R**  
Portable line array for musician's sound



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**KR102**  
High-tech, ultra-light powered stereo system



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



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**KR402**  
High-tech, ultra-light powered stereo system



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**KR802**  
High-performance, self-powered stereo system



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**KRX202**  
Small format, multi-use powered system with 12" coaxial speakers



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**KRX402**  
Powered system with four detachable mid-high 12" coaxial speakers



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**KRX802**  
A true line array with six mid-high 12" coaxial speaker elements



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**Monitors**

**KF**  
**KF12MT**  
Full-range, multipurpose powered speaker



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**KRM**  
**KRM33**  
Low profile variable coverage speaker



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**Subwoofers**

**KMT**  
**KMT12**  
High-tech multi-task powered 12" subwoofer with DSP and power output



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**KMT18**  
High-tech multi-task powered 18" subwoofer with DSP and power output



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**KMT21**  
High-tech multi-task powered 21" subwoofer with DSP and power output



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**KMT218**  
Multi-task powered 2 x 18" subwoofer with DSP and power output



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Systems

# ***Full Range Systems***

Portable, powered stereo systems





# KB1-KB1R

Portable line array for musician's sound

The KB1 is a complete personal sound system designed for musicians who want an all-in-one, easily portable PA package. Applications for this product include acoustic performers, music and speech reinforcement, a portable AV, stage monitoring, front fill and if doubled-up, as a main stereo PA system for an event.

The system is a PA solution that features a line array top for high frequencies and a 12” subwoofer for the lowest, a built-in 4-channel mixer, and multi effects with 16 presets built in.

The K-framework managing software allows you to control the system from your computer. You can control the system’s capabilities such as parametric EQs, dynamic compressors and routing and you can configure it to be your main PA as well as your stage monitor system.

The digital mixer with 4 inputs allows those with more than one instrument to produce a unified sound, either to a sound technician or directly to the public. Input levels, EQ parameters on each input channel, multi-effects with 16 presets, compressors, regulation of an auxiliary output, a headphones output, a main output channel, parameter filters for equalizing the speaker on output, are on board the main integrated mixer. After downloading the software you are up and running very quickly and easily.

All KB1 components are designed by the K-array R&D department and custom made under the K-array quality control system.



## FEATURES

- Direct PC connection
- Multi-effects with 16 presets
- Variable vertical coverage
- Integrated digital mixer with 4 inputs
- EQ parameters on each input channel
- Auxiliary output regulation
- Headphones output
- A main output channel with parameter filters for equalizing (WIFI connection and iPad remote control available with eFun-W)

## SYSTEM COMPONENTS



## ACCESSORIES

eFUN-W, KB1-FLY, KB1 STACK4, KB1 STACK2

	KB1 Specs	KB1R Specs
	ACOUSTICS	ACOUSTICS
Frequency range	30 Hz - 20 KHz	30 Hz - 20 KHz
Maximum SPL	112 dB continuous - 118 dB peak	112 dB continuous - 118 dB peak
	COVERAGE	COVERAGE
Horizontal	90°	90°
Vertical	10° / 60° (digitally controlled)	10° / 60° (digitally controlled)
	CROSSOVER	CROSSOVER
Type	DSP controlled	DSP controlled
Frequency	200 Hz	200 Hz
	REMOTE CONTROL INPUT	REMOTE CONTROL INPUT
Connectors	1 x USB	1 x USB
	POWER AUDIO INPUT	POWER AUDIO INPUT
Connectors	1 x VDE power plug	1 x VDE power plug
	AMPLIFIERS	AMPLIFIERS
Type	1 modules class D - DSP controlled	1 modules class D - DSP controlled
Power to mid-high	125 W x 2 channels (250 watt total) <sup>1</sup>	120 W x 2 channels (240 watt total) <sup>1</sup>
Power to sub	450 W <sup>1</sup>	450 W <sup>1</sup>
Protection	Dynamic limiter, over current, over temp, short circuits	Dynamic limiter, over current, over temp, short circuits
	PHYSICAL	PHYSICAL
Dimensions	32.5 x 178 -220 x 43.5 cm (12.8" x 70"-86" x 17.13")	32.5 x 178 -220 x 43.5 cm (12.8" x 70"-86" x 17.13")
Weight	22 Kg (48.5 lbs)	21.5 Kg (47.4 lbs)

Notes for data  
<sup>1</sup> Amplifier wattage rating is based on the maximum unclipped burst sine wavewe RMS voltage that the amplifier will produce into the nominal load impedance.  
New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this brochure.



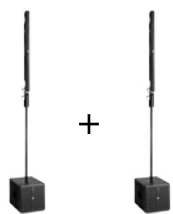
KB1

portable systems KB1



# KR102 Mark I

High tech ultra-light powered stereo system



The KR systems are three integrated, self-powered speaker systems, featuring mid-hi line array elements matched to powered subwoofers. All systems feature two channels of Class D amplification housed in the subwoofer. The rear panel provides input for a balanced line signal, a balanced microphone signal with phantom power, and digital signals in AES/EBU protocol, also on an XLR for ease of cabling.

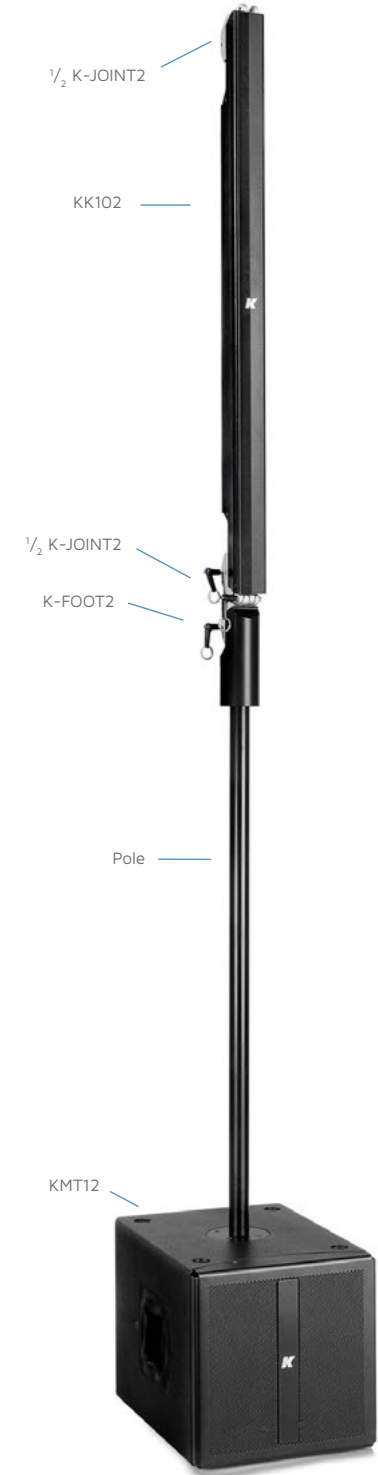
An integrated touch screen provides intuitive managing and editing of powerful DSP controlling: Input and output levels, internally generated test signal, In/Out routing, subwoofer delay up to 12 ms, Speakon output to the mid-hi element with delay up to 12 ms, and overall system delay up to 330 ms. All DSP functions, including EQ can be controlled with remote managing software via USB or RS485, again, conveniently on a standard XLR.

There are 40 different DSP presets, specifically made to optimize the systems’ performance for the variety of device configuration available. In addition, the user can also create, save, and store personal presets on the module.

The unique four-corner port configuration gives symmetrical back loading to the sub speaker for extended bass response with very low distortion. This also gives incredible structural strength to the cabinet despite its light weight. Pocket handles in the sub and an M20 thread mount position for attaching mid-high speakers, with a variety of mounting and rigging hardware options make the systems very versatile in almost any application and in every type of venue.

KR102 features a pair of KMT12 (12”) subs each with 2 channels of 1,000 W matched to a Kobra loudspeaker with 16 x 2” neodymium speaker elements.

The KR102 system is designed by the K-array R&D department and custom made under the K-array quality control system.



Each side of the system features a pair of [Kobra KK102](#) mid-hi line array elements, matched to the powered 12" [KMT12](#) subwoofer



## FEATURES

- Unique performance-to-size ratio
- High power 126 dB continuous, 132 dB peak
- Fitted with integral handles
- Line array emission wavefront
- DSP on board with dedicated presets
- Ultra-fast setup and dismantling system
- Analog and digital AES-EBU inputs
- RS485 and USB connectivity for remote control

## SYSTEM COMPONENTS



## ACCESSORIES

K-BASE2, K-FLY2, KK-CLUSTER2, K-FOOT2, K-JOINT2, KK-STAGE, K-WALL2L, K-WALL2LW, K-WALL2, K-WALL2W, K-KCLAMP/S, K-KCLAMP

KK102 Specs	
ACOUSTICS	
Power handling	400 W <sup>(AES)</sup>
Impedance	8Ω or 32Ω (selectable)
Frequency range	150 Hz - 20 KHz.
Maximum SPL	124 dB continuous - 130 dB peak
COVERAGE	
Horizontal	110°
Vertical	7°- 35° (selectable)
CROSSOVER	
Type	External Crossover required
Frequency	High pass @150 Hz, 24 dB/oct suggested minimum
TRANSDUCERS	
Full-range	16 x 2" Neodymium magnet with 0.75" voice coil
POWER AUDIO INPUT	
Connectors	2 x 4-pin Speakon
Wiring	1+ 1- (signal IN & LINK); 2+ 2- (through)
SELECTION SWITCH	
Vertical pattern	Spot - Flood
Impedance	8Ω - 32Ω
PHYSICAL	
Dimensions	8.1 x 100 x 5.9 cm (3.19" x 39.4" x 2.32")
Weight	4.6 Kg (10.14 lbs)

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

## APPLICATIONS

- Concert halls
- Theatrical sound reinforcement
- Houses of worship
- Clubs
- AV systems
- Cinema and special effects

KMT12 Specs	
ACOUSTICS	
Power handling	700 W <sup>(AES)</sup>
Frequency range	40Hz - 150 Hz +/- 3dB (preset relating)
Impedance	8Ω
Maximum SPL	128 dB continuous - 134 dB peak
COVERAGE	
Horizontal	Omni
Vertical	Omni
CROSSOVER	
Type	DSP controlled
Frequency	150 Hz maximum (preset dependent)
TRANSDUCERS	
Full-range	1 x 12" Neodymium speakers with 3" voice coil
AMPLIFIERS	
Type	1 modules class D - DSP controlled
Power	2x 1000 Watt <sup>1</sup> @8Ω
Protection	Dynamic limiter, over current, over temp, short circuits
PHYSICAL	
Dimensions	32.5 x 33.5 x 43.5 cm (12.91" x 13.19" x 17.13")
Weight	15.6 Kg (34.39 lbs)

Notes for data  
1. Amplifier wattage rating is based on the maximum unclipped burst sine wave RMS voltage that the amplifier will produce into the nominal load impedance. New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.

# KR202 Mark I

High tech ultra-light powered stereo system



The KR systems are three integrated, self-powered speaker systems, featuring mid-hi line array elements matched to powered subwoofers. All systems feature two channels of Class D amplification housed in the subwoofer. The rear panel provides input for a balanced line signal, a balanced microphone signal with phantom power, and digital signals in AES/EBU protocol, also on an XLR for ease of cabling.

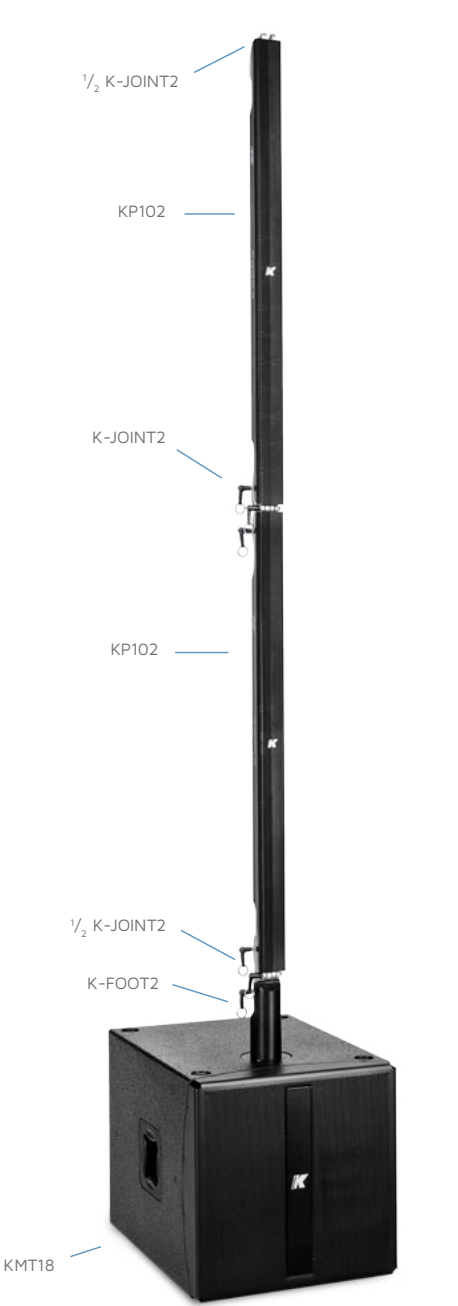
An integrated touch screen provides intuitive managing and editing of powerful DSP controlling: Input and output levels, internally generated test signal, In/Out routing, subwoofer delay up to 12 ms, Speakon output to the mid-hi element with delay up to 12 ms, and overall system delay up to 330 ms. All DSP functions, including EQ can be controlled with remote managing software via USB or RS485, again, conveniently on a standard XLR.

There are 40 different DSP presets, specifically made to optimize the systems’ performance for the variety of device configuration available. In addition, the user can also create, save, and store personal presets on the module.

The unique four-corner port configuration gives symmetrical back loading to the sub speaker for extended bass response with very low distortion. This also gives incredible structural strength to the cabinet despite its light weight. Pocket handles in the sub and an M20 thread mount position for attaching mid-high speakers, with a variety of mounting and rigging hardware options make the systems very versatile in almost any application and in every type of venue.

KR202 features a pair of KMT18 (18”) subs each with 2 channels of 1,000 W matched to two Kobra arrays. A coupling assembly allows the speakers to be mounted side-by-side, giving the ability to vary the vertical dispersion pattern for narrow to wide coverage.

The KR202 system is designed by the K-array R&D department and custom made under the K-array quality control system.



Each side of the system features a pair of [Kobra KK102](#) mid-hi line array elements, matched to the powered 18” [KMT18](#) subwoofer



## FEATURES

- Unique performance-to-size ratio
- High power 130 dB continuous, 136 dB peak
- Fitted with integral handles
- Line array emission wavefront
- DSP on board with dedicated presets
- Ultra-fast setup and dismantling system
- Analog and digital AES-EBU inputs
- RS485 and USB connectivity for remote control

## SYSTEM COMPONENTS



## ACCESSORIES

K-BASE2, K-FLY2, KK-CLUSTER2, K-FOOT2, K-JOINT2, KK-STAGE, K-WALL2L, K-WALL2LW, K-WALL2, K-WALL2W, K-KCLAMP/S, K-KCLAMP

### KK102 Specs

ACOUSTICS	
Power handling	400 W <sup>(AES)</sup>
Impedance	8Ω or 32Ω (selectable)
Frequency range	150 Hz ~ 20 KHz.
Maximum SPL	124 dB continuous ~ 130 dB peak
COVERAGE	
Horizontal	110°
Vertical	7°~ 35° (selectable)
CROSSOVER	
Type	External Crossover required
Frequency	High pass @150 Hz, 24 dB/oct suggested minimum
TRANSDUCERS	
Full-range	16 x 2" Neodymium magnet with 0.75" voice coil
POWER AUDIO INPUT	
Connectors	2 x 4-pin Speakon
Wiring	1+ 1- (signal IN & LINK); 2+ 2- (through)
SELECTION SWITCH	
Vertical pattern	Spot ~ Flood
Impedance	8Ω ~ 32Ω
PHYSICAL	
Dimensions	8.1 x 100 x 5.9 cm (3.19" x 39.4" x 2.32")
Weight	4.6 Kg (10.14 lbs)

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

## APPLICATIONS

- Concert halls
- Theatrical sound reinforcement
- Houses of worship
- Clubs
- AV systems
- Cinema and special effects

### KMT18 Specs

ACOUSTICS	
Power handling	800 W <sup>(AES)</sup>
Frequency range	30Hz ~ 150 Hz +/- 3dB (preset relating)
Impedance	8Ω
Maximum SPL	130 dB continuous ~ 136 dB peak
COVERAGE	
Horizontal	Omni
Vertical	Omni
CROSSOVER	
Type	DSP controlled
Frequency	150 Hz maximum (preset dependent)
TRANSDUCERS	
Full-range	1 x 18" Neodymium speakers with 3" voice coil
AMPLIFIERS	
Type	1 modules class D ~ DSP controlled
Power	2x 1000 Watt <sup>1</sup> @8Ω
Protection	Dynamic limiter, over current, over temp, short circuits
PHYSICAL	
Dimensions	46.5 x 47.5 x 61 cm (18.31"x 18.70" x 24.02")
Weight	27.6 Kg (60.85 lbs)

Notes for data  
1. Amplifier wattage rating is based on the maximum unclipped burst sine wave RMS voltage that the amplifier will produce into the nominal load impedance. New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.



# KR402 Mark I

High tech ultra-light powered stereo system



The KR systems are three integrated, self-powered speaker systems, featuring mid-hi line array elements matched to powered subwoofers. All systems feature two channels of Class D amplification housed in the subwoofer. The rear panel provides input for a balanced line signal, a balanced microphone signal with phantom power, and digital signals in AES/EBU protocol, also on an XLR for ease of cabling.

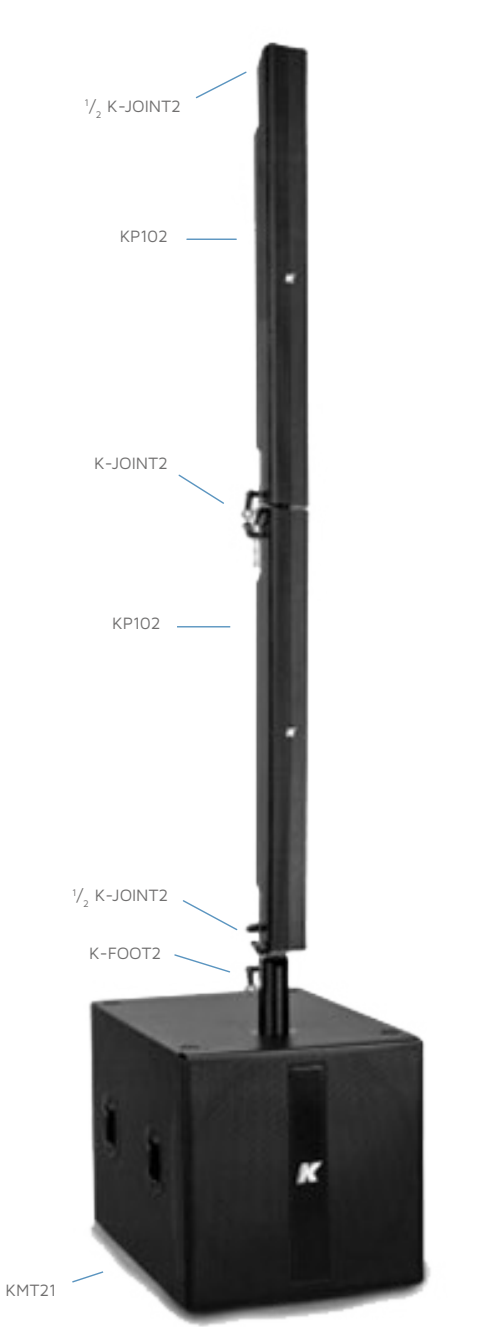
An integrated touch screen provides intuitive managing and editing of powerful DSP controlling: Input and output levels, internally generated test signal, In/Out routing, subwoofer delay up to 12 ms, Speakon output to the mid-hi element with delay of up to 12 ms, and overall system delay up to 330 ms. All DSP functions, including EQ can be controlled with remote managing software via USB or RS485, again, conveniently on a standard XLR.

There are 40 different DSP presets, specifically made to optimize the systems performance for the variety of device configuration available. In addition, the user can also create, save, and store personal presets on the module.

The unique four-corner port configuration gives symmetrical back loading to the sub speaker for extended bass response with very low distortion. This also gives incredible structural strength to the cabinet despite its light weight. Pocket handles in the sub and an M20 thread mount position for attaching mid-high speakers, with a variety of mounting and rigging hardware options make the systems very versatile in almost any application and in every type of venue.

KR402 features a pair of KMT21 (21") subs each with 2 channels of 2,000 W matched to two Python line arrays. A coupling assembly allows the speakers to be mounted side-by-side, giving the ability to vary the vertical dispersion pattern for narrow to wide coverage.

The KR402 system is designed by the K-array R&D department and custom made under the K-array quality control system.



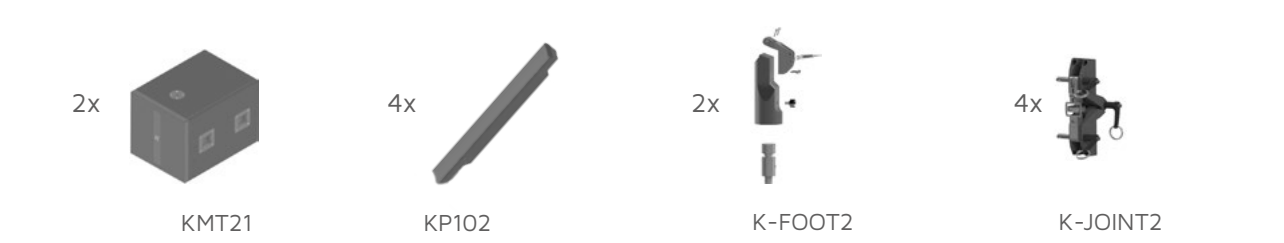
Each side of the system features a pair of Python KP102 mid-hi line array elements, matched to the powered 21" KMT21 subwoofer



## FEATURES

- Unique performance-to-size ratio
- High power 132 dB continuous, 138 dB peak
- Fitted with integral handles
- Line array emission wavefront
- DSP onboard with dedicated presets
- Ultra-fast setup and dismantling system
- Analog and digital AES-EBU inputs
- RS485 and USB connectivity for remote control

## SYSTEM COMPONENTS



## ACCESSORIES

K-BASE2, K-FLY2, KK-CLUSTER2, K-FOOT2, K-JOINT2, KK-STAGE, K-WALL2L, K-WALL2LW, K-WALL2, K-WALL2W, K-KCLAMP/S, K-KCLAMP

KP102 Specs	
ACOUSTICS	
Power handling	720 W <sup>(AES)</sup>
Impedance	4Ω or 16Ω (selectable)
Frequency range	100 Hz - 20 KHz.
Maximum SPL	128 dB continuous - 134 dB peak
COVERAGE	
Horizontal	90°
Vertical	7° - 30° (selectable)
CROSSOVER	
Type	External Crossover required
Frequency	High pass @100 Hz, 24 dB/oct suggested minimum
TRANSDUCERS	
Full-range	12 x 3.15" Neodymium magnet with 0.75" voice coil
POWER AUDIO INPUT	
Connectors	2 x 4-pin Speakon
Wiring	1+ 1- (signal IN & LINK); 2+ 2- (through)
SELECTION SWITCH	
Vertical pattern	Spot - Flood
Impedance	4Ω - 16Ω
PHYSICAL	
Dimensions	8.8 x 100 x 11.8 cm (3.56" x 39.4" x 4.65")
Weight	12 kg (26.45 lbs)

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

## APPLICATIONS

- Concert halls
- Theatrical sound reinforcement
- Houses of worship
- Clubs
- AV systems
- Cinema and special effects

KMT21 Specs	
ACOUSTICS	
Power handling	1800 W <sup>(AES)</sup>
Frequency range	30Hz - 150 Hz +/- 3dB (preset relating)
Impedance	4Ω
Maximum SPL	132 dB continuous - 138 dB peak
COVERAGE	
Horizontal	Omni
Vertical	Omni
CROSSOVER	
Type	DSP controlled
Frequency	150 Hz maximum (preset dependent)
TRANSDUCERS	
Full-range	1 x 21" Neodymium speakers with 4" voice coil
AMPLIFIERS	
Type	1 modules class D - DSP controlled
Power	2x 2400 Watt <sup>1</sup> @4Ω
Protection	Dynamic limiter, over current, over temp, short circuits
PHYSICAL	
Dimensions	55.5 x 55.5 x 77.7 cm (21.85" x 21.85" x 30.59")
Weight	49 Kg (108.03 lbs)

Notes for data  
1. Amplifier wattage rating is based on the maximum unclipped burst sine wave RMS voltage that the amplifier will produce into the nominal load impedance. New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.

# KR802

High performance, self powered stereo system



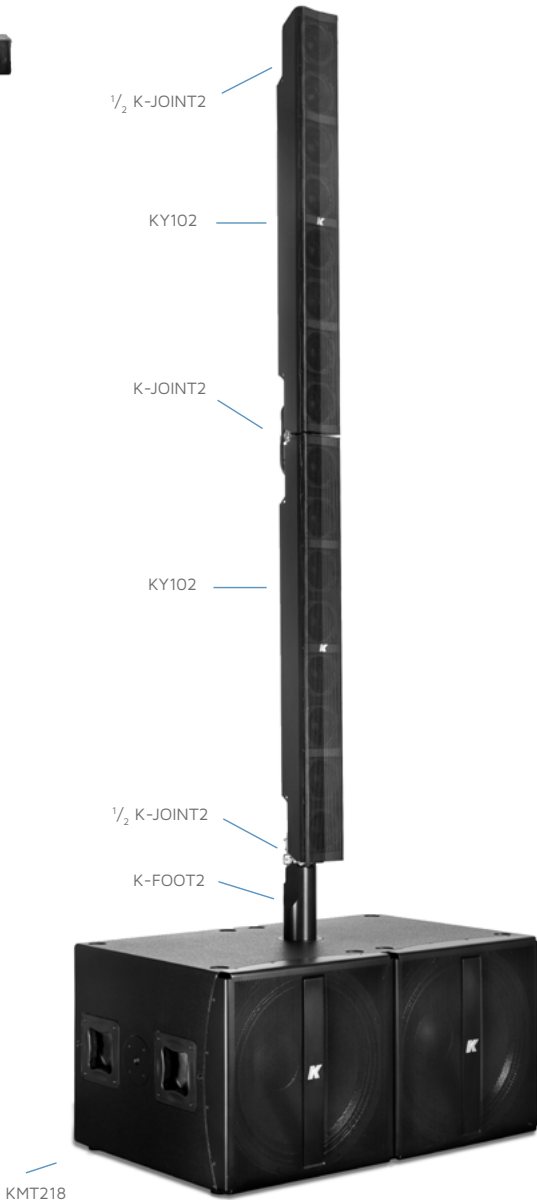
With the KR802, K-array has developed its most advanced self-powered,portable amplification system ever. The system features a pair of the Kayman mid-hi line array elements per side, matched with a dual 18” powered KMT218 subwoofer. A louder portable system for touring on a large scale with both elements individually making a perfect solution for theatre and concert hall installations.

Pocket handles in the sub and an M20 thread mount position for attaching mid-high speakers, with a variety of mounting and rigging hardware options make the latest additions to the K-array Portable Series very versatile in almost any application and in every type of venue offering a unique design for your sound. The K-array portable series allows you to fly the line array elements which can even be calibrated into a banana shape for the most complex applications.

The system features two channels of Class D amplification, housed in the sub-woofer KMT218. The rear panel provides input for 2 balanced line signals and digital signals in AES/ EBU protocol. An integrated touch screen provides intuitive managing and editing of powerful DSP controlling: input and output levels, In/Out routing, subwoofer delay up to 12 ms, Speakon output to the mid-hi element with delay of up to 12 ms, and overall system delay of up to 330 ms.

All DSP functions, including EQ can be controlled with remote managing software via USB or RS485, conveniently on a standard XLR. There are DSP presets, specifically made by K-array to optimize the systems performance for the variety of device configurations available.

The KR802 is designed in Italy and custom made under the K-array quality control system.



Each side of the system features a pair of **Kayman KY102** mid-hi line array elements, matched to the powered double 18" **KMT218** subwoofer



## FEATURES

- Unique performance-to-size ratio
- High power 133 dB continuous, 139 dB peak
- Fitted with integral handles
- Line array emission wavefront
- DSP onboard with dedicated presets
- Ultra fast set-up and dismantling system
- Analog and digital AES-EBU inputs
- RS485 and USB connectivity for remote control

## SYSTEM COMPONENTS



## ACCESSORIES

K-USB, K-BASE2,K-FLY2, K-FOOT2, K-JOINT2, KY-STAGE, K-WALL2, K-WALL2W, K-KCLAMP/S, K-KCLAMP

### KY102 Specs

	ACOUSTICS
Power handling	1200 W
Impedance	8 Ω / 32 Ω (selectable)
Frequency range (-10db)	90 Hz – 20 KHz (- 3dB) <sup>(1)</sup>
Maximum SPL	132 dB (cont.) – 138 dB (peak) <sup>(2)</sup>
	COVERAGE
Horizontal	90°
Vertical	7°- 30° (selectable)
	CROSSOVER
Type	External Crossover required
Frequency	High pass @ 90 Hz, 24 dB/oct suggested minimum
	TRANSDUCERS
Full-range	8 x 4" Neodymium magnet cone drivers with 1.5" voice coil
	POWER AUDIO INPUT
Connectors	1 x 4-pin connector
Wiring	1+ 1- (signal IN & LINK); 2+ 2- (through)
	SELECTION SWITCH
Coverage	Spot / Flood
Impedance	8 Ω / 32 Ω
	PHYSICAL
Dimensions	11.3 x 100 x 13.2 cm (4.45" x 39.4" x 5.2")
Weight	12 kg (26.45 lbs)

Notes for data  
1. With dedicated preset;  
2. Measured with musical signal  
New materials and design are introduced into existing products without previous notice.  
Present systems may differ in some respects from those presented in this catalogue.

## APPLICATIONS

- Theatrical sound reinforcement
- Concert halls, clubs, houses of worship
- Portable and installed AV systems
- Houses of worship
- Front fill and under-balcony fill
- Stage and TV studios

### KMT218 Specs

	ACOUSTICS
Power handling	1600 W
Frequency range (-10 dB)	30 Hz – 150 Hz <sup>(1)</sup>
Impedance	4Ω
Maximum SPL	133 dB (cont.) – 139 dB (peak) <sup>(2)</sup>
	COVERAGE
Horizontal	Omni
Vertical	Omni
	CROSSOVER
Type	Internal DSP controlled
Frequency	Low pass @ 150 HZ (maximum - preset dependent)
	TRANSDUCERS
Full-range	2 X 18" Neodymium magnet woofer with 3" voice coil
	AMPLIFIERS
Type	1 module class D - DSP controlled
Subwoofer Power Output	2500 W @ 4 Ω 1% THD + NOISE <sup>(3)</sup>
Speakon Power output	2500 W @ 4 Ω 1% THD + NOISE <sup>(3)</sup>
	PHYSICAL
Dimensions	95.3 cm x 48 cm x 60 cm (37.52" x 19.9" x 23.62")
Weight	49 Kg (108.03 lb)

Notes for data  
1. With dedicated preset;  
2. Measured with musical signal  
3. EIAJ Test Standard, 1KHz, 1%THD  
New materials and design are introduced into existing products without previous notice.  
Present systems may differ in some respects from those presented in this catalogue.



# KRX202

Small format, multi-use powered system with 12" coaxial speakers

By combining the KX12 with active K-array subwoofers, three portable systems are created, which differ in size of the subwoofers and number of KX12 units used.

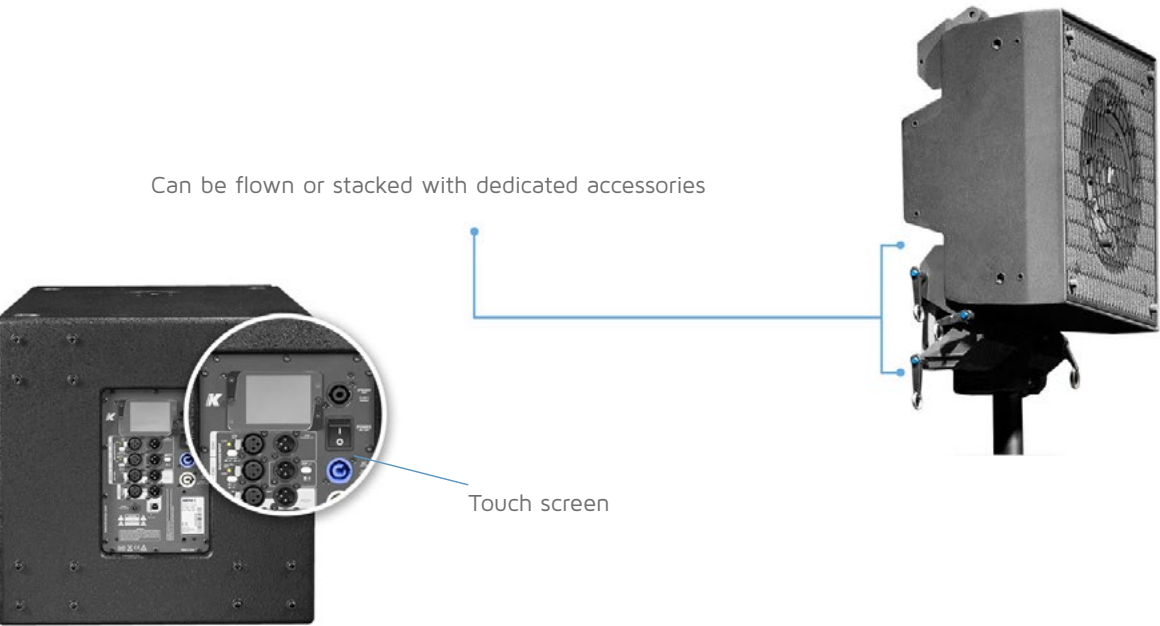
With powered subwoofers that maintain the same digital editing features of all K-array active subwoofers, the KRX systems feature an integrated touch screen, providing intuitive control over the main DSP functions, such as input/output levels, signal routing, offset delays for subwoofer and mid-high speaker output (up to 10 ms each) and overall system delays (up to 330 ms). All DSP functions, including EQ, can also be controlled remotely via software through USB or RS485 (3 pin XLR).

The KRX202 is the smallest of these three new systems and is composed of one KX12 standing on a KMT18 18" subwoofer by means of an extendable pole and proper joining and stacking hardware per side.

Possible applications are DJ use, clubs and anywhere a lot of pressure is needed close to the speakers.



Each side of the system features a KX12 mid-hi coaxial line array element, matched to the powered 18" KMT18 subwoofer



Touch screen

## FEATURES

- Unique performance-to-size ratio
- Asymmetrical horizontal and vertical coverage
- Variable angle array design
- Stainless steel chassis
- Electronically protected

## APPLICATIONS

- Clubs, DJ sets and lounges
- Portable and installed AV systems
- Portable live sound
- Sport facilities

## SYSTEM COMPONENTS



## ACCESSORIES

K-DANTE, K-USB, K-BASE2,K-FLY22, K-FOOT2, K-JOINT2B, K-FLY2B, K-WALL2, K-WALL2W, K-KCLAMP/S, K-KCLAMP

### KX12

#### SPECS

ACOUSTICS	
Power handling	800 + 200 W
Impedance	8Ω
Frequency range	120 Hz - 19 KHz <sup>(1)</sup>
Maximum SPL	127 dB (cont.) - 133 dB (peak) <sup>(2)</sup>
COVERAGE	
Horizontal	100°/30° (depending on horn orientation)
Vertical	100°/30° (depending on horn orientation)
POWER AUDIO INPUT/OUTPUT	
Connectors	2 x 4-pin Speakon
Wiring	1+ 1- (Signal IN & LINK ) 2+ 2- (Through)
TRANSDUCERS	
Coaxial	1 x 12" Neodymium magnet woofer with 3" voice coil Neodymium magnet compression driver with 2" voice coil
RECOMMENDED AMPLIFIERS	
Type	KMT18, KMT21, KMT218, KA84
PHYSICAL	
Dimensions	34.0 x 32.0 x 20.0 cm (13.4" x 12.6" x 7.9")
Weight	12.2 kg (26.9 lbs)

Notes for data  
1. With dedicated preset;  
2. Measured with musical signal

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

### KMT18

#### SPECS

ACOUSTICS	
Power handling	800 W <sup>(AES)</sup>
Frequency range	30Hz - 150 Hz +/- 3dB (preset relating)
Impedance	8Ω
Maximum SPL	130 dB continuous - 136 dB peak
COVERAGE	
Horizontal	Omni
Vertical	Omni
CROSSOVER	
Type	DSP controlled
Frequency	150 Hz maximum (preset dependent)
TRANSDUCERS	
Full-range	1 x 18" Neodymium speakers with 3" voice coil
AMPLIFIERS	
Type	1 modules class D - DSP controlled
Power	2x 1000 Watt <sup>1</sup> @8Ω
Protection	Dynamic limiter, over current, over temp, short circuits
PHYSICAL	
Dimensions	46.5 x 47.5 x 61 cm (18.31"x 18.70" x 24.02")
Weight	27.6 Kg (60.85 lbs)

Notes for data  
1. Amplifier wattage rating is based on the maximum unclipped burst sine wave RMS voltage that the amplifier will produce into the nominal load impedance. New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.

# KRX402

Powered system with four detachable mid-high 12" coaxial speakers

By combining the KX12 with active K-array subwoofers, three portable systems are created, which differ in size of the subwoofers and number of KX12 units used.

With powered subwoofers that maintain the same digital editing features of all K-array active subwoofers, the KRX systems feature an integrated touch screen, providing intuitive control over the main DSP functions, such as input/output levels, signal routing, offset delays for subwoofer and mid-high speaker output (up to 10 ms each) and overall system delays (up to 330 ms). All DSP functions, including EQ, can also be controlled remotely via software through USB or RS485 (3 pin XLR).

The KRX402 is the middle range system that delivers more pressure and a more extended bass response than the smaller KRX202. It is comprised of two KX12 speakers paired with one 21" KMT21 subwoofer by means of an extendable pole and proper joining and stacking hardware per side.

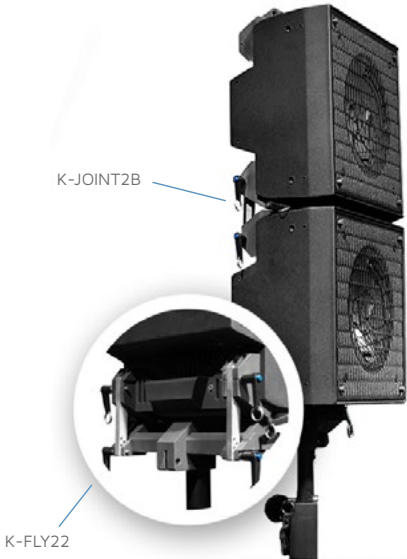
Possible applications are DJ use, clubs and anywhere a lot of pressure is needed close to the speakers.



Each side of the system features two **KX12** mid-hi coaxial line array elements, matched to the powered 21" **KMT21** subwoofer



KMT21 is much more than a standard 21" powered subwoofer. The onboard amplifier is Class D, delivering 2 x 2000 W @ 4 Ω.



## FEATURES

- Unique performance-to-size ratio
- Asymmetrical horizontal and vertical coverage
- Variable angle array design
- Stainless steel chassis
- Electronically protected

## APPLICATIONS

- Clubs, DJ sets and lounges
- Portable and installed AV systems
- Portable live sound
- Sport facilities

## SYSTEM COMPONENTS



## ACCESSORIES

K-DANTE, K-USB, K-BASE2,K-FLY22, K-FOOT2, K-JOINT2B, K-FLY2B, K-WALL2, K-WALL2W, K-KCLAMP/S, K-KCLAMP

### KX12

#### SPECS

ACOUSTICS	
Power handling	800 + 200 W
Impedance	8Ω
Frequency range	120 Hz - 19 KHz <sup>(1)</sup>
Maximum SPL	127 dB (cont.) - 133 dB (peak) <sup>(2)</sup>
COVERAGE	
Horizontal	100°/30° (depending on horn orientation)
Vertical	100°/30° (depending on horn orientation)
POWER AUDIO INPUT/OUTPUT	
Connectors	2 x 4-pin Speakon
Wiring	1+ 1- (Signal IN & LINK ) 2+ 2- (Through)
TRANSDUCERS	
Coaxial	1 x 12" Neodymium magnet woofer with 3" voice coil Neodymium magnet compression driver with 2" voice coil
RECOMMENDED AMPLIFIERS	
Type	KMT18, KMT21, KMT218, KA84
PHYSICAL	
Dimensions	34.0 x 32.0 x 20.0 cm (13.4" x 12.6" x 7.9")
Weight	12.2 kg (26.9 lbs)

Notes for data  
1. With dedicated preset;  
2. Measured with musical signal

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

### KMT21

#### SPECS

ACOUSTICS	
Power handling	1600 W <sup>(AES)</sup>
Frequency range	30Hz - 150 Hz +/- 3dB (preset relating)
Impedance	4Ω
Maximum SPL	132 dB continuous - 138 dB peak
COVERAGE	
Horizontal	Omni
Vertical	Omni
CROSSOVER	
Type	DSP controlled
Frequency	150 Hz maximum (preset dependent)
TRANSDUCERS	
Full-range	1 x 21" Neodymium speakers with 4" voice coil
AMPLIFIERS	
Type	1 modules class D - DSP controlled
Power	2x 2400 Watt <sup>1</sup> @4Ω
Protection	Dynamic limiter, over current, over temp, short circuits
PHYSICAL	
Dimensions	55.5 x 55.5 x 77.7 cm (21.85" x 21.85" x 30.59")
Weight	49 Kg (108.03 lbs)

Notes for data  
1. Amplifier wattage rating is based on the maximum unclipped burst sine wave RMS voltage that the amplifier will produce into the nominal load impedance. New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.



# KRX802

A true line array with six mid-high 12" coaxial speaker elements

By combining the KX12 with active K-array subwoofers, three portable systems are created, which differ in size of the subwoofers and number of KX12 units used.

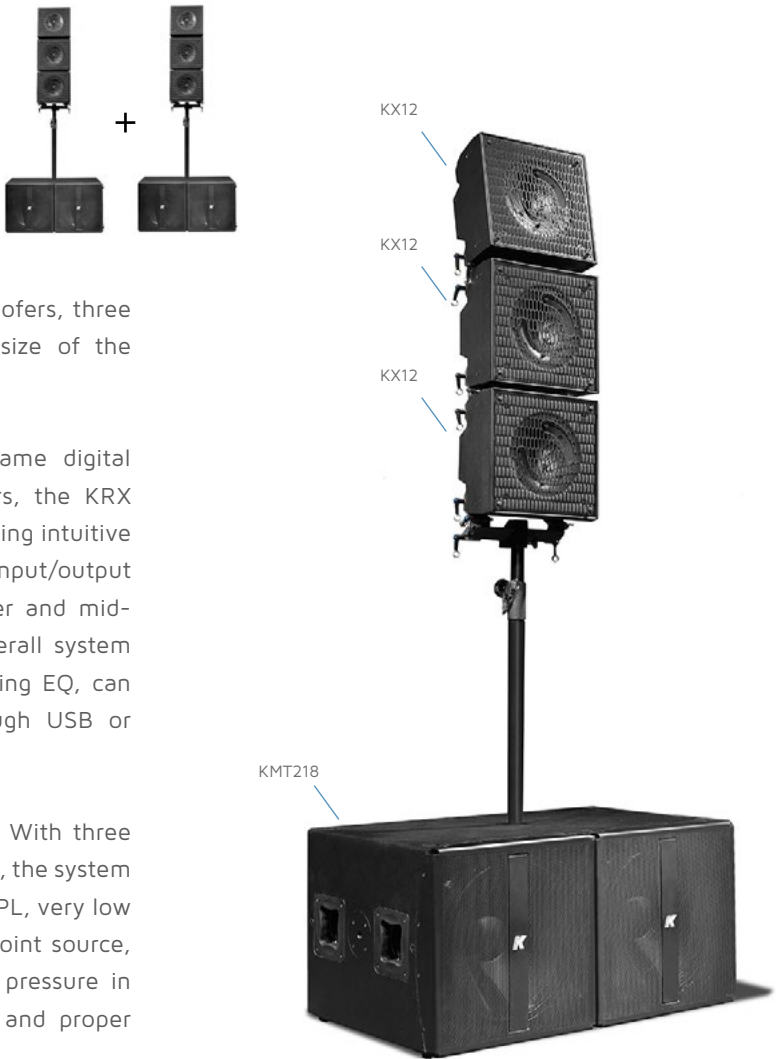
With powered subwoofers that maintain the same digital editing features of all K-array active subwoofers, the KRX systems feature an integrated touch screen, providing intuitive control over the main DSP functions, such as input/output levels, signal routing, offset delays for subwoofer and mid-high speaker output (up to 10 ms each) and overall system delays (up to 330 ms). All DSP functions, including EQ, can also be controlled remotely via software through USB or RS485 (3 pin XLR).

The largest of the three systems is the KRX802. With three KX12 speakers combined with a KMT218 subwoofer, the system converts into a line array that delivers maximum SPL, very low frequency and best bass response. No longer a point source, the KRX802 covers larger distances with higher pressure in larger venues by means of an extendable pole and proper joining and stacking hardware per side.

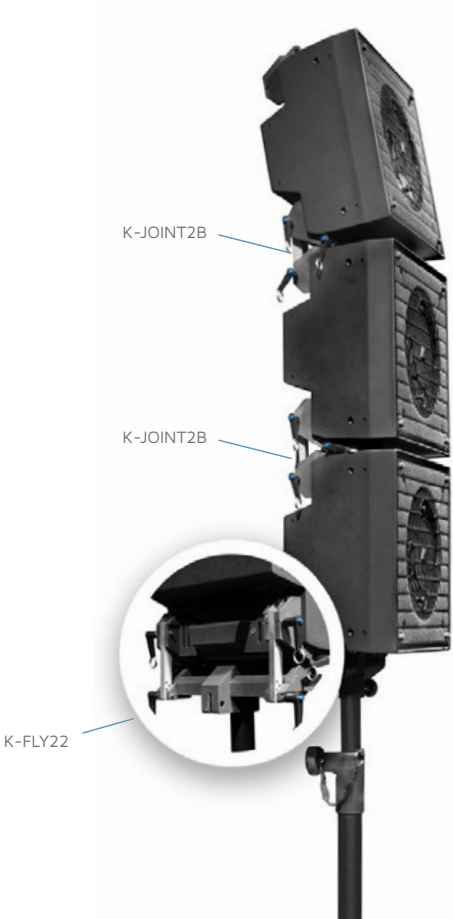
Possible applications are DJ use, clubs and anywhere a lot of pressure is needed close to the speakers.



KMT218 is much more than a standard dual 18" powered subwoofer. The amplifier mounted on board is Class D, delivering 2 x 2400 W @ 4 Ω



Each side of the system features three KX12 mid-hi coaxial line array elements, matched to the powered 21" KMT218 subwoofer



## FEATURES

- Unique performance-to-size ratio
- Asymmetrical horizontal and vertical coverage
- Variable angle array design
- Stainless steel chassis
- Electronically protected

## APPLICATIONS

- Variable angle array design
- Clubs, DJ sets and lounges
- Portable and installed AV systems
- Sport facilities
- Sidefill monitoring

## SYSTEM COMPONENTS



## ACCESSORIES

K-DANTE, K-USB, K-BASE2,K-FLY22, K-FOOT2, K-JOINT2B, K-FLY2B, K-WALL2, K-WALL2W, K-KCLAMP/S, K-KCLAMP

### KX12

#### SPECS

ACOUSTICS	
Power handling	800 + 200 W
Impedance	8Ω
Frequency range	120 Hz - 19 KHz <sup>(1)</sup>
Maximum SPL	127 dB (cont.) - 133 dB (peak) <sup>(2)</sup>
COVERAGE	
Horizontal	100°/30° (depending on horn orientation)
Vertical	100°/30° (depending on horn orientation)
POWER AUDIO INPUT/OUTPUT	
Connectors	2 x 4-pin Speakon
Wiring	1+ 1- (Signal IN & LINK ) 2+ 2- (Through)
TRANSDUCERS	
Coaxial	1 x 12" Neodymium magnet woofer with 3" voice coil Neodymium magnet compression driver with 2" voice coil
RECOMMENDED AMPLIFIERS	
Type	KMT18, KMT21, KMT218, KA84
PHYSICAL	
Dimensions	34.0 x 32.0 x 20.0 cm (13.4" x 12.6" x 7.9")
Weight	12.2 kg (26.9 lbs)

Notes for data  
1. With dedicated preset;  
2. Measured with musical signal

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

### KMT218

#### SPECS

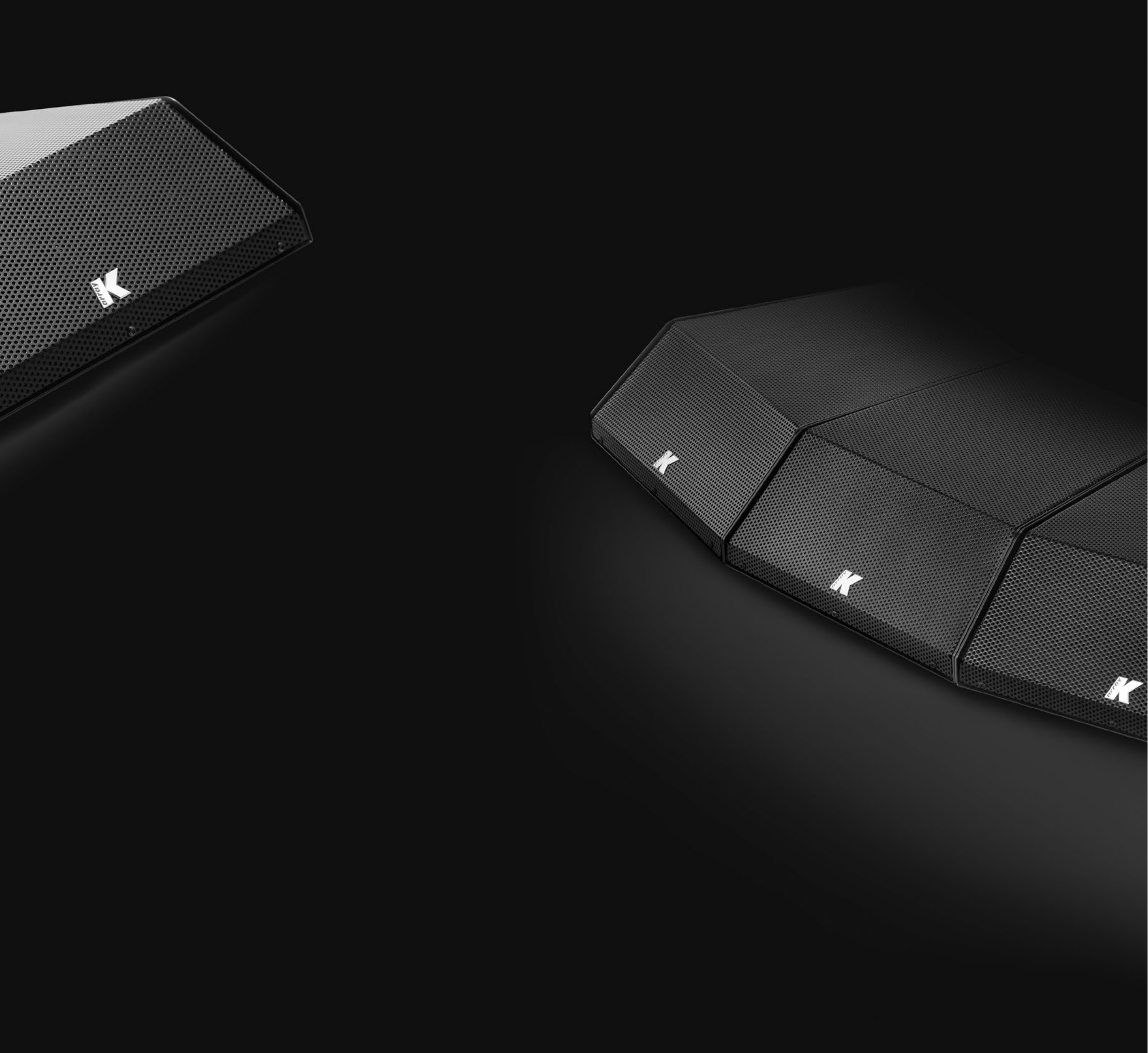
ACOUSTICS	
Power handling	1600 W <sup>(AES)</sup>
Impedance	4 Ω
Frequency range (-10 dB)	30 Hz - 150 Hz <sup>(1)</sup>
Maximum SPL	134 dB (cont.) - 140 dB (peak) <sup>(2)</sup>
COVERAGE	
Horizontal	omni
Vertical	omni
CROSSOVER	
Type	Internal DSP controlled
Frequency	Low pass @ 150 HZ (maximum - preset dependent)
TRANSDUCERS	
Type	2 X 18" Neodymium magnet woofer with 3" voice coil
AMPLIFIER	
Type	1 module class D - DSP controlled
Subwoofer Power Output	2500 W @ 4 Ω 1% THD + NOISE <sup>(3)</sup>
Speakon Power output	2500 W @ 4 Ω 1% THD + NOISE <sup>(3)</sup>
Protections	Over Temp.(Power Limiting - Thermal Shutdown), Short Circuit/Overload Output Protection, Power Limiting, Clip Limiter/Permanent Signal Limiter, High Frequency Protection
PHYSICAL	
Dimensions	95.3 cm x 48 cm x 60 cm (37.52" x 19.9" x 23.62")
Weight	49 Kg (108.03 lb)

Notes for data

1. With dedicated preset  
2. Measured with musical signal  
3. EIAJ Test Standard, 1KHz, 1%THD  
New materials and design are introduced into existing products without previous notice.  
Present systems may differ in some respects from those presented in this catalogue.

**KRM**

Low-profile variable coverage speaker





# KRM33

Low-profile variable coverage speaker

The KRM33 (the KRM33P is the passive model) is an ultra-compact and low-profile powered wedge speaker with a controlled horizontal pattern and has an extended frequency response. It is made up of three 3.15” cone drivers and one 6” passive radiator. This combination guarantees a controlled and linear emission on a really wide range, with a bass enhancement mode that can go from 70Hz to 18KHz.

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

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

The stainless steel chassis is a sturdy and durable box solution which is also remarkably short in height. Thanks to this feature the KRM33 can be easily and discreetly integrated in scenography designs, broadcast studios as well as under-balcony speakers in theaters.

All the components of the KRM33 are designed by the K-array R&D department and made in Italy under the K-array quality control system.



## FEATURES

- Selectable horizontal coverage
- Extended frequency response
- Strong stainless steel chassis
- Controlled horizontal dispersion

## APPLICATIONS

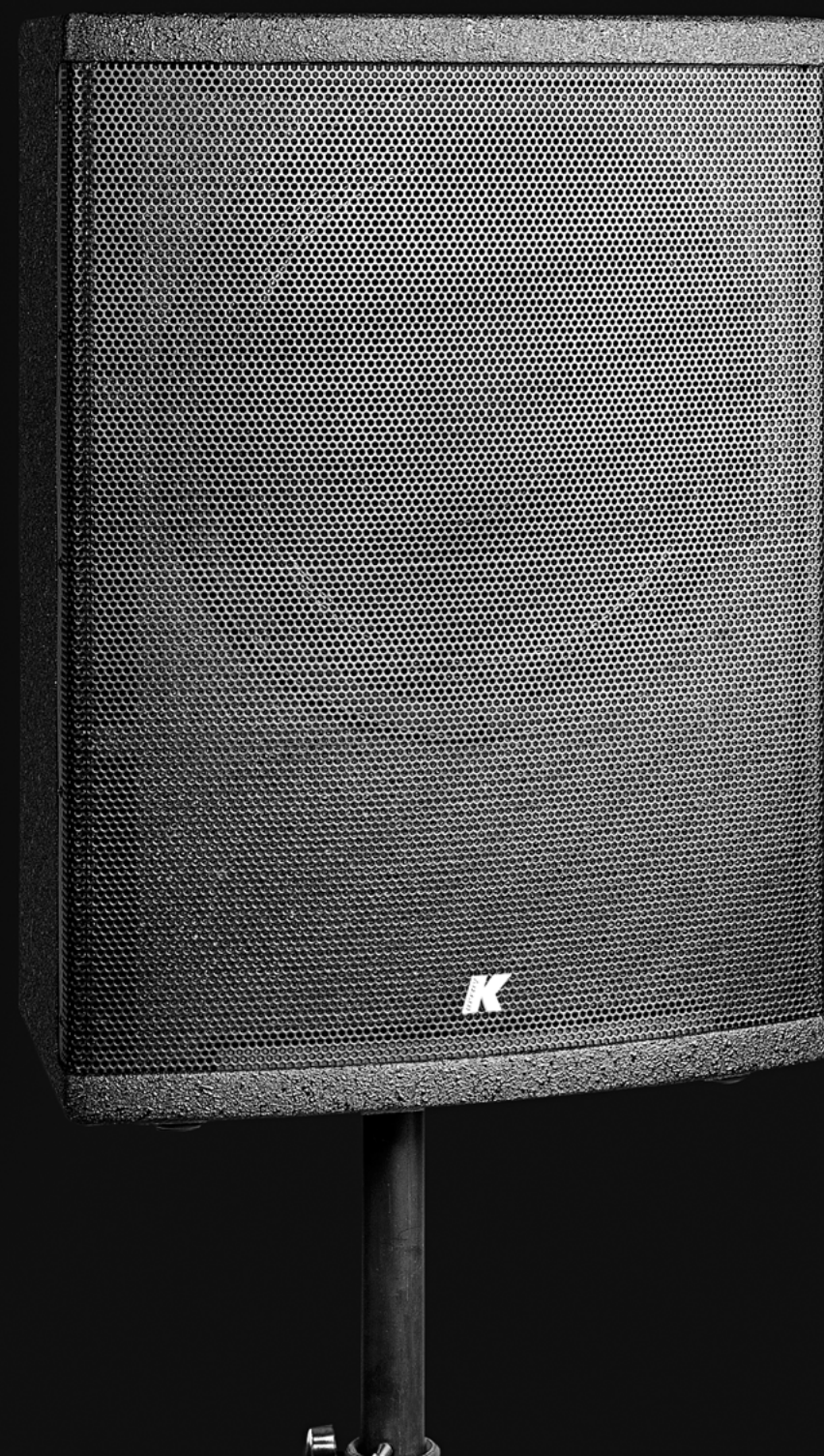
- Arrayable wedge monitor
- Ceiling and under-balcony speaker
- Corporate installations
- House of worship
- Small clubs
- Theatrical sound reinforcement

## SPECS

ACOUSTICS	
Speaker power handling	180W <sup>(AES)</sup>
Max. Power	N.A
Impedance	N.A
Maximum SPL	115 dB (continuous), 121 dB (peak) <sup>(2)</sup>
COVERAGE	
Horizontal	DSP controlled (30°- 70°)
Vertical	90°
CROSSOVER	
Type	DSP controlled
Frequency	70 Hz minimum (preset dependent)
TRANSDUCERS	
Full-range	3 X 3,15 Neodymium cone driver with 1” voice coil
PHYSICAL	
Dimensions	266 mm x 103 mm x 302 mm (10,47” x 4,06” x 11,89 ”)
Weight	5,2 Kg (11.5 lb)

<sup>(1)</sup> Maximum RMS applicable power for a musical signal. The reference signal is the one proposed by EIAJ standard  
<sup>(2)</sup> Measured with musical signal







# KF12MT

Full-range, multipurpose powered speaker

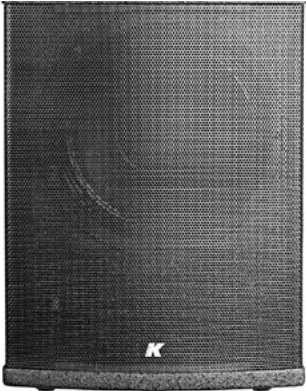
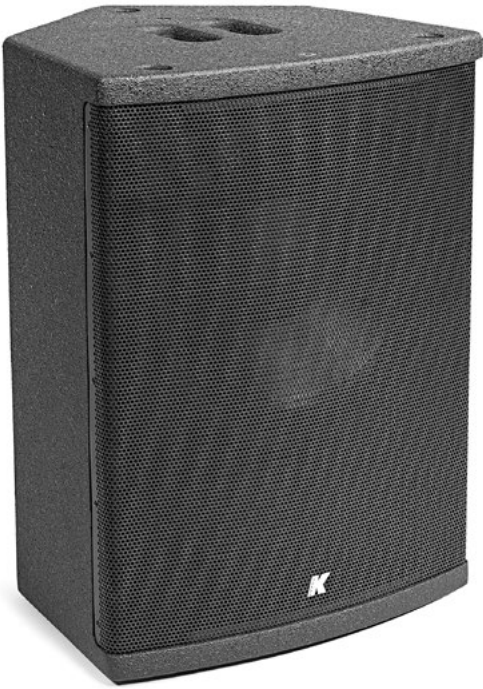
The KF12MT is a 12” coaxial full-range, multi-purpose powered speaker and is the successor to the long serving KF12 model.

Compared to its predecessor, this portable speaker features exciting updates. The KF12MT’s integrated onboard touch screen with matrix control provides intuitive managing and editing of powerful DSP controlling. Additional functionalities include: a delay up to 400ms, parametric filters for room eq, 2 analog + 2 digital inputs in AES/EBU, routing options, USB and Serial connections for remote control and a full range powered output of 1000 W on 8 Ω.

Having 2 analog or digital fully independent inputs on board can create a true stereo system using one powered and one passive KF12P speaker. Thanks to its multi-purpose function, it can satisfy many different venue requirements. It is ideally used as a stage monitor due to its wedge shape, as a stereo system with one active (KF12MT) and one passive (KF12P), or as a main PA system for small and medium size events and more.

Designed and manufactured in Italy, the KF12MT and the KF12P give uncompromising sound quality in a small footprint and are compatible with a variety of accessories.

Customized colors are available upon request.



## FEATURES

- Stage monitor on live stages
- Theatrical sound reinforcement
- Concert halls, clubs, houses of worship
- Portable and installed AV systems
- Cinema and special effects
- Optimized for KF12P and KMT18P

## APPLICATIONS

- Unique performance-to-size ratio
- Symmetrical horizontal and vertical coverage
- Angled cabinet for floor monitor use
- Integrated 35mm pole adapter for different uses
- Integrated DSP with multiple analog and digital inputs
- Onboard touch screen with matrix control
- Configurable fullrange powered output
- RS485 and USB connectivity for remote control

## SPECS

ACOUSTICS	
Speaker power handling	800 + 200 W <sup>(AES)</sup>
Maximum SPL	127 dB (continuous), 133 dB (peak) <sup>(1)</sup>
COVERAGE	
Horizontal	70°
Vertical	70°
CROSSOVER	
Type	Internal passive crossover
TRANSDUCERS	
Coaxial Transducer	12” Neodymium magnet Woofer with 3” voice coil
PHYSICAL	
Dimensions	39 cm x 52.2 cm x 36.5 cm (15.37” x 20.55” x 14.38 ”)
Weight	19.6 Kg (43.21 lb)

1. Measured with musical signal  
New materials and design are introduced into existing products without previous notice.  
Present systems may differ in some respects from those presented in this catalogue.



Subwoofers

**KMT**

High-tech, multi-task powered subwoofers  
with DSP and power output





# KMT12 Mark I

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

The K-array KMT12 is a fully-featured audio systems featuring a powered 12" subwoofer, programmable onboard DSP and multiple analog and digital inputs and outputs for creating a wide array of speaker configurations. The amplifier mounted on board is Class D, delivering 2 x 1000 W at 8Ω.

The KMT12 features an integrated touch screen, providing intuitive control over the main DSP functions: input/output levels, signal routing, offset delays for subwoofer and Speakon output (up to 12 ms) and overall system delay (up to 330 ms). All DSP functions, including EQ, can also be remote controlled via software over USB or RS485 (3-pin XLR).

The KMT series provides two balanced analog line level inputs and a two-channel AES/EBU digital input. An integrated Class D amplifier delivers 2 x 1050 W at 8Ω, with a max THD of 1% (EIAJ test @ 1KHz). The KMT12 features multiple analog and digital outputs, including a Speakon output to connect a wide array of passive speakers including mid-high models (KK52, KK102) or additional passive subwoofers (KMT12P). To optimize performance, the onboard DSP includes up to 40 programmable presets. The first 8 have been designed by K-array, the additional 32 slots can be used to create, save, and store personal presets using the K-framework software.

The unique four-corner port configuration provides symmetrical back loading to the speakers, for extended bass response with very low distortion. The port configuration also provides incredible structural strength to the cabinet, despite its light weight. Pocket handles and an M20 thread mount position for attaching mid-high speakers makes the subwoofer convenient to use and ideal for medium throw applications in theaters, concert halls, and Audio/Video installations.

All KMT components are designed by K-array and custom made under K-array's quality control system.



## FEATURES

- Unique performance-to-size ratio
- Fitted with integral handles and castors
- Direct radiating, long excursion 12" driver
- Ultra-fast setup and dismantling system
- Analog and digital AES-EBU inputs
- RS485 and USB connectivity for remote control

## APPLICATIONS

- Theatrical sound reinforcement
- Concert halls, clubs, houses of worship
- Portable and installed AV systems
- Cinema and special effects
- Optimized for KK52, KK102 or KMT12P

## ACCESSORIES

K-USB, K-AMPCOVER, K-DANTE



## SPECS

ACOUSTICS	
Power handling	700 W <sup>(AES)</sup>
Frequency range	40Hz - 150 Hz +/- 3dB (preset relating)
Impedance	8Ω
Maximum SPL	128 dB continuous - 134 dB peak
COVERAGE	
Horizontal	Omni
Vertical	Omni
CROSSOVER	
Type	DSP controlled
Frequency	150 Hz maximum (preset dependent)
TRANSDUCERS	
Full-range	1 x 12" Neodymium speakers with 3" voice coil
AMPLIFIERS	
Type	1 modules class D - DSP controlled
Power	2x 1000 Watt <sup>1</sup> @8Ω
Protection	Dynamic limiter, over current, over temp, short circuits
PHYSICAL	
Dimensions	32.5 x 33.5 x 43.5 cm (12.91" x 13.19" x 17.13")
Weight	15.6 Kg (34.39 lbs)

Notes for data  
1. Amplifier wattage rating is based on the maximum unclipped burst sine wave RMS voltage that the amplifier will produce into the nominal load impedance. New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.

# KMT18 Mark I

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

The KMT18 is a fully-featured audio system with a powered 18" subwoofer, programmable onboard DSP and multiple analog and digital inputs and outputs for creating a wide array of speaker configurations. The amplifier mounted on board is Class D, delivering 2 x 1000 W at 8Ω.

The KMT18 features an integrated touch screen, providing intuitive control over the main DSP functions: input/output levels, signal routing, offset delays for subwoofer and Speakon output (up to 12 ms) and overall system delay (up to 330 ms). All DSP functions, including EQ, can also be remote controlled via software over USB or RS485 (3-pin XLR).

The KMT series provides two balanced analog line level inputs and a two-channel AES/EBU digital input. An integrated Class D amplifier delivers 2 x 1050 W at 8Ω, with a max THD of 1% (EIAJ test at 1KHz). The KMT18 features multiple analog and digital outputs, including a Speakon output to connect a wide array of passive speakers including mid-high models (KK52, KK102) or additional passive subwoofers (KMT18P). To optimize performance, the onboard DSP includes up to 40 programmable presets. The first 8 have been designed by K-array, the additional 32 slots can be used to create, save, and store personal presets using the K-framework software.

The unique four-corner port configuration provides symmetrical back loading to the speakers, for extended bass response with very low distortion. The port configuration also provides incredible structural strength to the cabinet, despite its light weight. Pocket handles and an M20 thread mount position for attaching mid-high speakers makes the subwoofer convenient to use and ideal for medium throw applications in theaters, concert halls, and Audio/Video installations.

All KMT components are designed by K-array and custom made under K-array's quality control system.



## FEATURES

- Unique performance-to-size ratio
- Fitted with integral handles and castors
- Direct radiating, long excursion 18" driver
- Ultra-fast setup and dismantling system
- Analog and digital AES-EBU inputs
- RS485 and USB connectivity for remote control

## APPLICATIONS

- Theatrical sound reinforcement
- Concert halls, clubs, houses of worship
- Portable and installed AV systems
- Cinema and special effects
- Optimized for Kobra or KMT18P

## ACCESSORIES

K-USB, K-AMPCOVER, K-DANTE



## SPECS

ACOUSTICS	
Power handling	800 W <sup>(AES)</sup>
Frequency range	30Hz ~ 150 Hz +/- 3dB (preset relating)
Impedance	8Ω
Maximum SPL	130 dB continuous ~ 136 dB peak
COVERAGE	
Horizontal	Omni
Vertical	Omni
CROSSOVER	
Type	DSP controlled
Frequency	150 Hz maximum (preset dependent)
TRANSDUCERS	
Full-range	1 x 18" Neodymium speakers with 3" voice coil
AMPLIFIERS	
Type	1 modules class D ~ DSP controlled
Power	2x 1000 Watt <sup>1</sup> @8Ω
Protection	Dynamic limiter, over current, over temp, short circuits
PHYSICAL	
Dimensions	46.5 x 47.5 x 61 cm (18.31"x 18.70" x 24.02")
Weight	27.6 Kg (60.85 lbs)

Notes for data  
1. Amplifier wattage rating is based on the maximum unclipped burst sine wave RMS voltage that the amplifier will produce into the nominal load impedance. New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.



portable systems KMT18



# KMT21 Mark I

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

The KMT21 is a fully-featured audio system with a 21" powered subwoofer, programmable onboard DSP and multiple analog and digital inputs and outputs for creating a wide array of speaker configurations. The amplifier on board is Class D, delivering 2 x 2000 W at 4Ω.

The KMT 21 features an integrated touch screen, providing intuitive control over the main DSP functions: input/output levels, signal routing, offset delays for subwoofer and Speakon output (up to 12 ms each) and overall system delay (up to 330 ms). All DSP functions, including EQ, can also be remote controlled via software over USB or RS485 (3-pin XLR).

The KMT series provides two balanced analog line level inputs and a two-channel AES/EBU digital input. An integrated Class D amplifier delivers 2 x 2000 W at 4Ω, with a max THD of 1% (EIAJ test @ 1KHz). The KMT21 features multiple analog and digital outputs, including a Speakon output to connect a wide array of passive speakers including mid-high models (KP52, KP102) or additional passive subwoofers (KMT21P). To optimize performance, the onboard DSP includes up to 40 programmable presets. The first 8 have been designed by K-array, the additional 32 slots can be used to create, save, and store personal presets using the K-framework software.

The unique four-corner port configuration provides symmetrical back loading to the speakers, for extended bass response with very low distortion. The port configuration also provides incredible structural strength to the cabinet, despite its light weight. Pocket handles and an M20 thread mount position for attaching mid-high speakers makes the subwoofer convenient to use and ideal for medium throw applications in theaters, concert halls, and Audio/Video installations.

All KMT components are designed by K-array and custom made under K-array's quality control system.



## FEATURES

- Unique performance-to-size ratio
- Fitted with integral handles and castors
- Direct radiating, long excursion 21" driver
- Ultra-fast setup and dismantling system
- Analog and digital AES-EBU inputs
- RS485 and USB connectivity for remote control

## APPLICATIONS

- Theatrical sound reinforcement
- Concert halls, clubs, houses of worship
- Portable and installed AV systems
- Cinema and special effects
- Optimized for Python or KMT21P

## ACCESSORIES

K-USB, K-AMPCOVER, K-DANTE



## SPECS

ACOUSTICS	
Power handling	1600 W <sup>(AES)</sup>
Frequency range	30Hz - 150 Hz +/- 3dB (preset relating)
Impedance	4Ω
Maximum SPL	132 dB continuous - 138 dB peak
COVERAGE	
Horizontal	Omni
Vertical	Omni
CROSSOVER	
Type	DSP controlled
Frequency	150 Hz maximum (preset dependent)
TRANSDUCERS	
Full-range	1 x 21" Neodymium speakers with 4" voice coil
AMPLIFIERS	
Type	1 modules class D - DSP controlled
Power	2x 2400 Watt <sup>1</sup> @4Ω
Protection	Dynamic limiter, over current, over temp, short circuits
PHYSICAL	
Dimensions	55.5 x 55.5 x 77.7 cm (21.85" x 21.85" x 30.59")
Weight	49 Kg (108.03 lbs)

Notes for data  
1. Amplifier wattage rating is based on the maximum unclipped burst sine wave RMS voltage that the amplifier will produce into the nominal load impedance. New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.



portable systems KMT21



# KMT218

Multi-task powered 2 x 18” subwoofer with DSP and power output

The K-array KMT218 is a full-featured audio systems featuring two powered 18” cone drivers, programmable onboard DSP and multiple analog and digital inputs and outputs for creating a wide array of speaker configurations. The amplifier mounted on board is class D, delivering 2 x 2500 W at 4Ω.

The KMT18 features an integrated touch screen, providing intuitive control over the main DSP functions: input/output levels, signal routing, offset delays for subwoofer and Speakon output (up to 12 ms) and overall system delay (up to 330 ms). All DSP functions, including EQ, can also be remote controlled via software over USB or RS485 (3-pin XLR).

The KMT series provides two balanced analog line level inputs and a two-channel AES/EBU digital input. An integrated Class D amplifier delivers 2 x 2500 W at 4Ω, with a max THD of 1% (EIAJ test @ 1KHz). The KMT18 features multiple analog and digital outputs, including a Speakon output to connect a wide array of passive speakers including mid-high models (KK52, KK102) or additional passive subwoofers (KMT18P). To optimize performance, the onboard DSP includes up to 40 programmable presets. The first 8 have been designed by K-array, the additional 32 slots can be used to create, save, and store personal presets using the K-framework software.

The unique corner port configuration provides symmetrical back loading to the speakers, for extended bass response with very low distortion. The port configuration also provides incredible structural strength to the cabinet, despite its light weight. Pocket handles and an M20 thread mount position for attaching mid-high speakers makes the portable series convenient to use and ideal for medium throw applications in theaters, concert halls, and Audio/Video installations.

All KMT components are designed by K-array and custom made under K-array’s quality control system.



## FEATURES

- Self-powered
- Integrated DSP with multiple analog and digital inputs
- Onboard touch screen with matrix control
- Direct radiating, long excursion 2 x 18” cone drivers
- RS485 and USB connectivity for remote control
- Ultra-fast setup and dismantling system
- Fitted with integral handles

## APPLICATIONS

- Theatrical sound reinforcement
- Concert halls, clubs, houses of worship
- Portable and installed AV systems
- Optimized for Kayman

## ACCESSORIES

K-USB, K-AMPCOVER, K-DANTE



SPECS	
ACOUSTICS	
Power handling	1600 W
Max power	2800 W <sup>(1)</sup>
Impedance	4 Ω
Frequency range (-10 dB)	30 Hz ~ 150 Hz <sup>(2)</sup>
SPL 1W/1mt	101 dB <sup>(3)</sup>
Maximum SPL	134 dB (cont.) ~ 140 dB (peak) <sup>(4)</sup>
COVERAGE	
Horizontal	omni
Vertical	omni
CROSSOVER	
Type	Internal DSP controlled
Frequency	Low pass @ 150 HZ (maximum - preset dependent)
TRANSDUCERS	
Type	2 X 18" Neodymium magnet woofer with 3" voice coil
AUDIO IN/OUT	
Analog connectors	2 male + 2 female 3-pin balanced XLR
Digital connectors	1 male + 1 female 3-pin balanced XLR
REMOTE CONTROL INPUT	
Connectors	1 male + 1 female XLR parallel 1 USB B Jack serial converter
AMPLIFIER	
Type	1 module class D - DSP controlled
Subwoofer Power Output	2500 W @ 4 Ω 1% THD + NOISE <sup>(5)</sup>
Speakon Power output	2500 W @ 4 Ω 1% THD + NOISE <sup>(5)</sup>
Protections	Over Temp.(Power Limiting – Thermal Shutdown), Short Circuit/ Overload Output Protection, Power Limiting, Clip Limiter/Permanent Signal Limiter, High Frequency Protection
Frequency response	20 Hz ~ 20 kHz (+0 -1 dB) for 1 W @ 8 Ω
Damping factor @ 100 Hz	>10000
THD+N 1kHz,1 W	0.2%
Thermal dissipation	1/4 of max output power @ 4 Ω • @230V = 1123 BTU/h (283 KCal/h) • @115V = BTU/h (190 KCal/h)
AC POWER	
Nominal power requirements	100 ~ 240 Vac ± 10% 50/60 Hz
Operating Range	85 ~ 265 Vac
CONSUMPTION	
Power factor (cos φ)	>0.90 @ 4Ω full power
1/8 rated power (pink noise)@ 4Ω	600 W
PHYSICAL	
Dimensions	95.3 cm x 48 cm x 60 cm (37.52" x 19.9" x 23.62")
Weight	49 Kg (108.03 lb)

Notes for data  
1. Maximum RMS applicable power for a musical signal. The reference signal is the one proposed by EIAJ standard  
2. With dedicated preset;  
3. Measured @4 mt then scaled @1 mt;  
4. Measured with musical signal  
5. EIAJ Test Standard, 1KHz, 1%THD  
Mass, materials and design are intended for reference products without warranty





SENNHEISER  
green note  
绿色音符

JZ  
10th  
ANNIVERSARY  
JZ FESTIVAL 2014

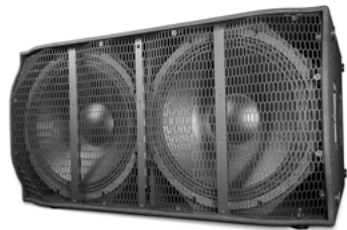
Concert Series



[Subwoofers](#)

**KS5**

Large format, self-powered, subwoofer element



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[Speakers](#)

**KH2**

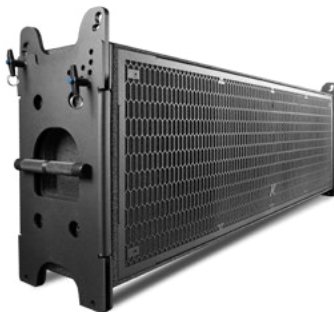
Medium format, digitally steerable, powered line array element



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**KH3**

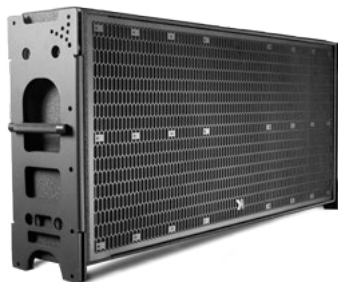
Medium format, digitally steerable, powered line array element



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**KH5**

Large format, digitally steerable, powered line array element



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[Monitors](#)

**KW8**

8" coaxial audio moving-head with on-board monitoring camera



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[Systems](#)

**KH2SYS6**

Medium format, digitally steerable, powered line array element



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**KH3SYS6**

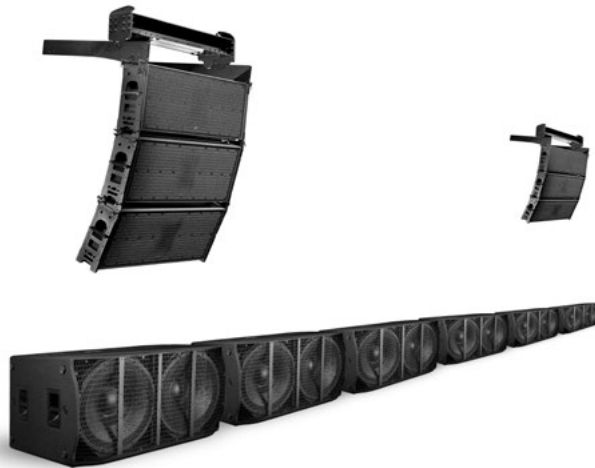
Medium-large format, digitally steerable, powered line array element



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**KH5SYS6**

Large format, digitally steerable, powered line array element



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# ***Concert***

Ultra-thin, PA system and line array element

S.A.T.




SlimArrayTechnology



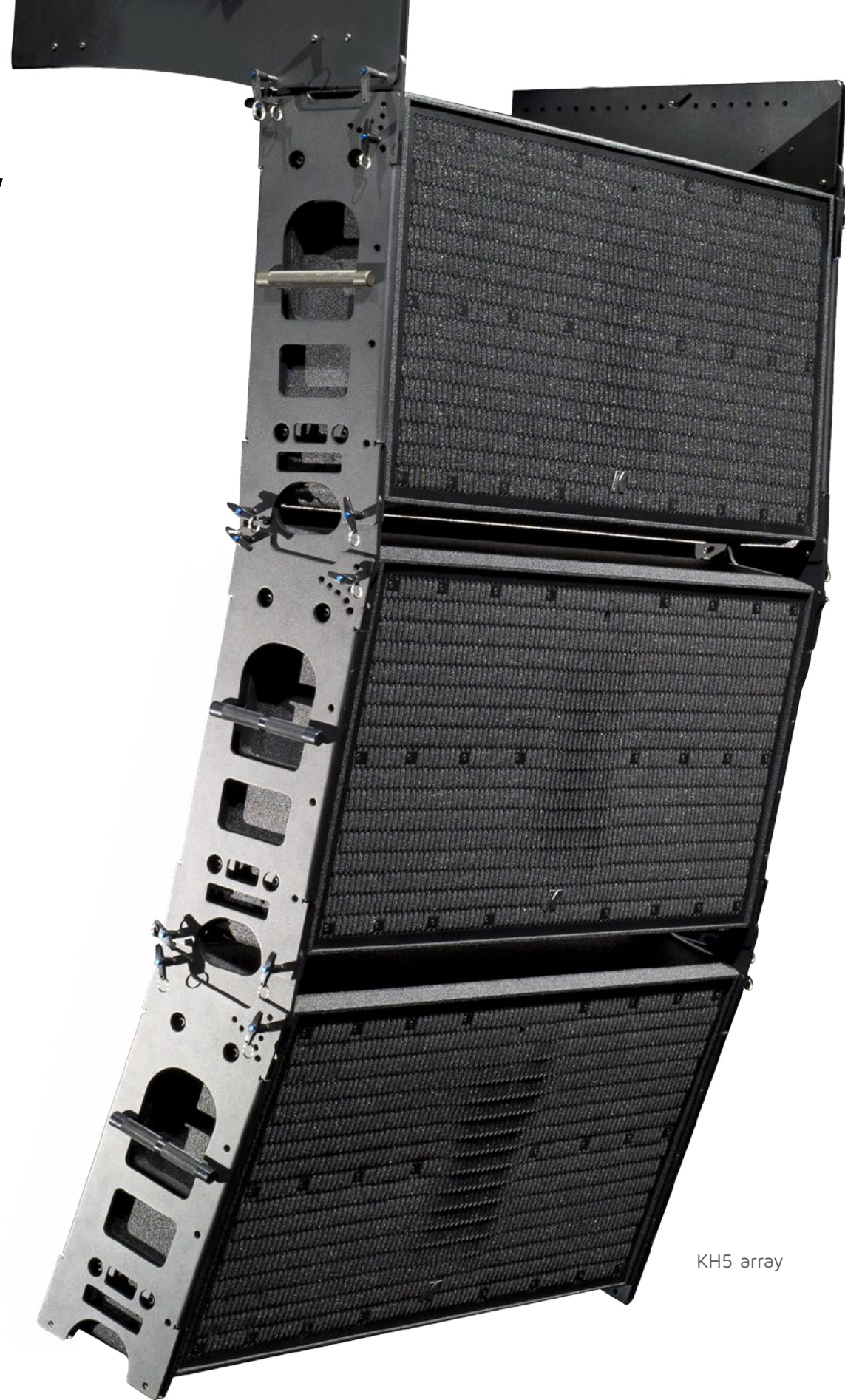
# Concert series

Over the last 10 years, the KH4 has made a name for itself in the audio market. Building off its success, K-array has developed the next generation of touring systems, the highly advanced **FIRENZE Series**. In addition to this remarkable collection, K-array has revamped the Concert Series using the same innovative technology, adding the KH2, KH3, KH5 and KS5 its flagship line.

The renewed Concert Series carries the signature compact design  **SlimArrayTechnology** generating some of the most compact touring loudspeakers in the market while uncompromising the sound delivering up to 140dB. S.A.T's distinct characteristics is producing a dispersion in a **HYPER-CARDIOID** figure which maintains the desired directivity with low back emission and minimal side dispersion allowing the stage to be free of sound pollution and preventing easy feedback when sensitive microphones are used on the stage.

But the most significant benefit of S.A.T is that the compact design allows sound to exit instantaneously without resonance, generating a significant amount of sound pressure in the low and low-mid range which results in a better **IMPULSE RESPONSE** and maximum **CLARITY** and **DEFINITION**.

K-array Concert Series features unique **DIGITAL STEERING** capabilities that allow the user to direct the sound in a targeted area. It can also allow the system to be flown completely **STRAIGHT** without the need of a banana curve to provide continuous, even coverage. Results are maximized with the ability to precisely and independently control each element of the array allowing noise pollution.



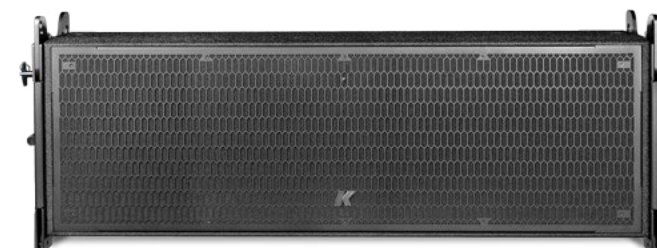
KH5 array



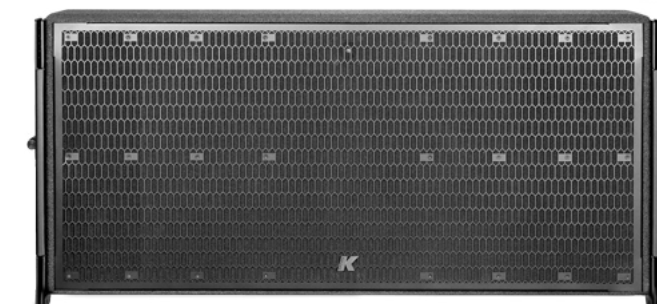
KH3 array



KH2



KH3

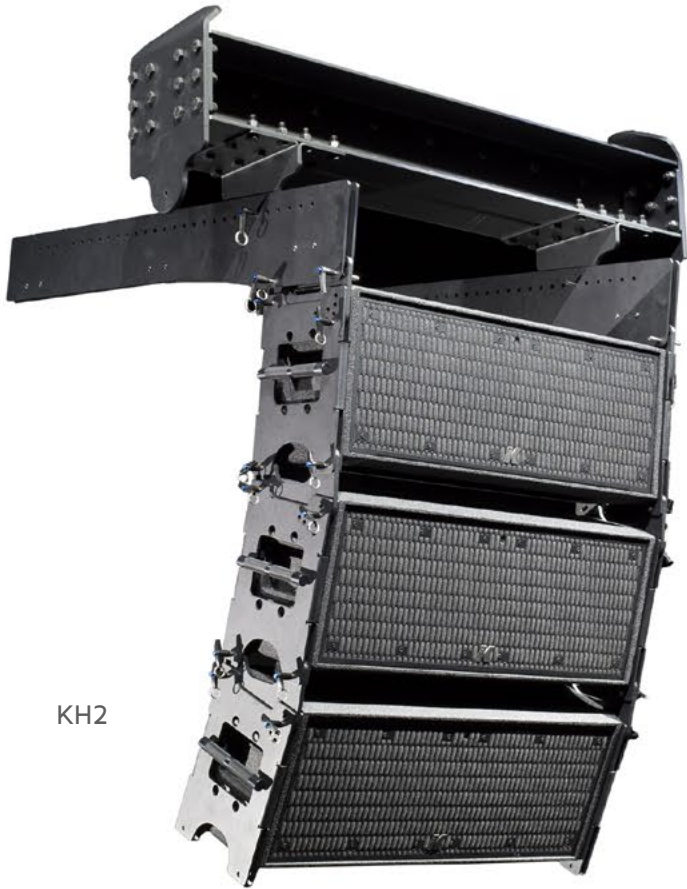


KH5



# KH2SYS6

Small format, digitally steerable,  
powered line array element



KH2



KH2



KS5



KS5

The package includes 6 x KH2 units, 2 x KS5  
subwoofers, and 2 x K-FLY2 fly bars.

## FEATURES

- Self powered
- Integrated DSP and remote control
- Onboard touch screen with matrix control
- RS485 and USB connectivity for remote control
- Digitally steerable

## APPLICATIONS

- Medium scale events
- Touring sound reinforcement
- Clubs, stadiums, arenas, concert halls, theatres

## ACCESSORIES

- K-USB, K-HCBASE2, K-HCFLY, K-HCFLY2, K-HCDOLLY2, K-HCLINK2/35, K-DANTE, K-AMPCOVER



# KH3SYS6

Medium-large format, digitally steerable, powered line array element



KH3



KS5

## FEATURES

- Self powered
- Integrated DSP and remote control
- Onboard touch screen with matrix control
- RS485 and USB connectivity for remote control
- Digitally steerable

## APPLICATIONS

- Large scale events
- Touring sound reinforcement
- Clubs, stadiums, arenas, concert halls, theatres

## ACCESSORIES

- K-USB, K-HCBASE, K-HCFLY, K-HCDOLLY35, K-HCLINK2/35, K-DANTE, K-AMPCOVER



KH3



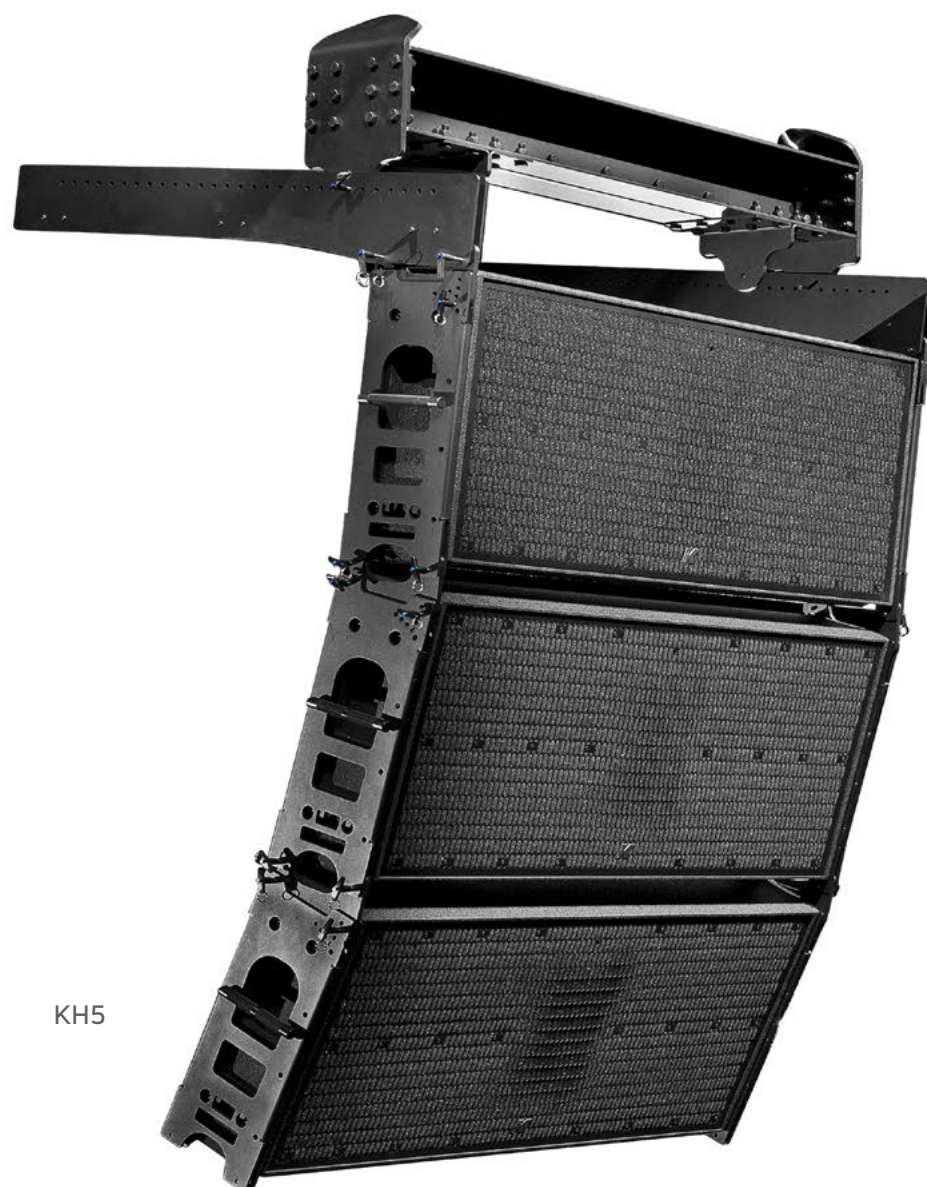
KS5

The package includes 6 x KH5 units, 6 x KS5 subwoofers, and 2 x K-FLY2 fly bars.



# KH5SYS6

Large format, digitally steerable,  
powered line array element



KH5

## FEATURES

Self powered  
Integrated DSP and remote control  
Onboard touch screen with matrix control  
RS485 and USB connectivity for remote control  
Digital acoustic steering

## APPLICATIONS

Large scale events  
Touring sound reinforcement  
Clubs, stadiums, arenas, concert halls, theatres

## ACCESSORIES

K-USB, K-HCBASE, K-HCFly, K-HCDOLLY35,  
K-HCLINK2/35, K-DANTE, K-AMPCOVER



KH5

The package includes 6 x KH5 units, 6 x KS5  
subwoofers, and 2 x K-FLY2 fly bars.



KS5



# KS5

Large format, self-powered subwoofer element

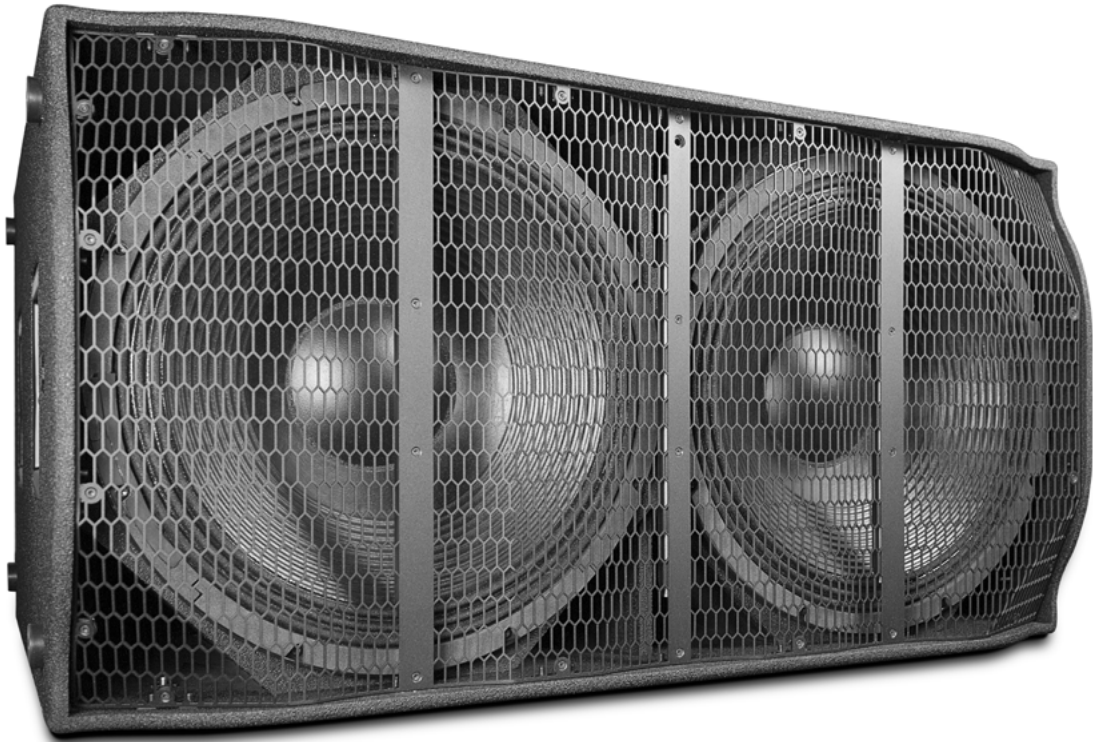
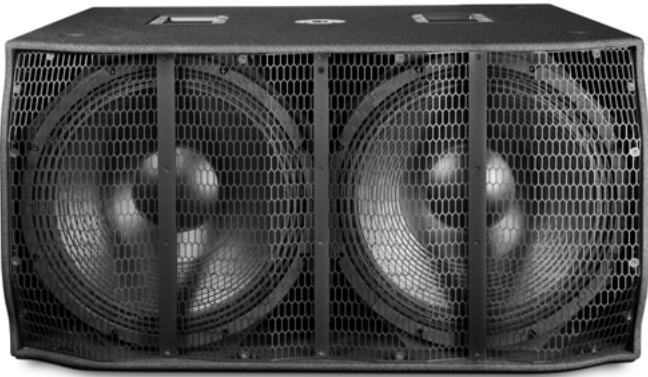
The K-array KS5 is a self-powered subwoofer system. It is best suited for high-power extended bass response applications in arenas, theatres, stadiums, concert halls, houses of worship and outdoor events.

The 21” loudspeakers feature neodymium magnets with 6” voice coils driven by powerful Class D amplifiers. The large ports are designed to be fully symmetrical to the speakers, which means the back loading on the drivers is consistent and even with no port air turbulence. The triangle port construction also provides excellent structural integrity and strength, effectively eliminating any box resonance.

The rear panel provides inputs for a balanced line signal, a balanced microphone signal with phantom power, and digital signals in AES/EBU protocol, also on an XLR for ease of cabling. An integrated touch screen provides intuitive managing and editing of powerful DSP controlling: Input and output levels, internally generated test signal, In/Out routing, Speakon output delay (up to 12 ms), subwoofer delay (up to 12 ms), overall system delay (up to 330 ms).

All DSP functions, including EQ can be controlled with remote managing software via USB or RS485, again conveniently on a standard XLR. There are different DSP presets, specifically made by K-array to optimize the system performance of the variety of device configuration available. In addition the user can also create, save, and store his/her own personal presets on the KS5 module.

All KS5 components are designed by the K-array R&D department and custom-made under the K-array quality control system.



## APPLICATIONS

- Large and medium scale events
- Touring sound reinforcement
- Theatres, Stadiums, Concert halls, Arenas
- Houses of worship

## ACCESSORIES

K-USB, K-DANTE, K-AMPCOVER,

## SPECS

ACOUSTICS	
Max power	8000 W <sup>(1)</sup>
Frequency range (-10 dB)	25 Hz – 120 Hz <sup>(2)</sup>
Maximum SPL	136 dB (cont.) – 142 dB (peak) <sup>(3)</sup>
TRANSDUCERS	
Type	2 X 21” Neodymium magnet woofer with 5.5” voice coil
AMPLIFIER	
Type	1 module class D – DSP controlled
Nominal Power Output	2 X 3500 W @ 2 Ω 1% THD + NOISE <sup>(4)</sup>
PHYSICAL	
Dimensions	115 cm x 60 cm x 85 cm (45.27” x 23.62” x 33.46 ”)
Weight	104.4 Kg (230.16 lb)

Notes for data  
1. Maximum RMS applicable power for a musical signal. The reference signal is the one proposed by EIAJ standard  
2. With dedicated preset;  
3. Measured with musical signal  
4. EIAJ Test Standard, 1KHz, 1%THD  
New materials and design are introduced into existing products without previous notice.  
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# KH2

Small format, digital acoustic steering,  
powered line array element



The KH2 is the smallest mid-hi line array element offered in the Concert Series touring line. The self-powered speaker is comprised of two 8” neodymium magnet woofers each with a 2.5” voice coil and two 1.4” compression drivers with a 2.5” voice coil each. Incredibly compact and lightweight, the KH2 is perfect for intimate indoor settings with the possibility to expand for larger venues.

The KH2 features unique **DIGITAL STEERING** capabilities that allow the user to direct the sound in a targeted area. It can also allow the system to be flown completely **STRAIGHT** without the need of a banana curve to provide continuous, even coverage. Results are maximized with the ability to precisely and independently control each element of the array eliminating noise pollution.

Headlining **S.A.T.**, the KH2 produces a dispersion in a **HYPER-CARDIOID** figure which maintains the desired directivity with low back emission and minimal side dispersion keeping the stage clean from sound pollution and preventing easy feedback when sensitive microphones are used on the stage. The compact design allows sound to exit instantaneously without resonance, generating a significant amount of sound pressure in the low and low-mid range which results in a better **IMPULSE RESPONSE** and maximum **CLARITY** and **DEFINITION**.

## KH2 SPECS

ACOUSTICS	
Max power	2000 <sup>(1)</sup>
Frequency range (-10 dB)	70 Hz – 19 KHz <sup>(2)</sup>
Maximum SPL	130 dB (cont.) – 136 dB (peak) <sup>(3)</sup>
COVERAGE	
Horizontal	110°
Vertical	10° (preset dependent)
TRANSDUCERS	
Type	2 X 8” Neodymium magnet woofer with 2.5” voice coil
Type	2 X 1.4” Compression drivers with 2.5” voice coil
AMPLIFIER	
Type	1 module class D - DSP controlled
Nominal Power Output	2 X 1000 W @ 8 Ω 1% THD + NOISE <sup>(4)</sup>
PHYSICAL	
Dimensions	65 cm x 25 cm x 21 cm (25.59” x 9.84” x 8.27”)
Weight	28 Kg (61.73 lb)

Notes for data  
1. Maximum RMS applicable power for a musical signal. The reference signal is the one proposed by EIAJ standard  
2. With dedicated preset;  
3. Measured with musical signal  
4. EIAJ Test Standard, 1KHz, 1%THD  
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## ACCESSORIES

K-USB, K-HCBASE, K-HCBASE2, K-HCFLY, K-HCDOLLY35, K-HCDOLLY2, K-HCLINK2/35, K-DANTE, K-AMPCOVER



concert series KH2



KH3

Medium format, digital acoustic steering,  
powered line array element



KH3 SPECS

ACOUSTICS

Max power	2500 <sup>(1)</sup>
Frequency range (-10 dB)	60 Hz – 19 KHz <sup>(2)</sup>
Maximum SPL	132 dB (cont.) – 138 dB (peak) <sup>(3)</sup>

COVERAGE

Horizontal	110°
Vertical	10° (preset dependent)

TRANSDUCERS

Type	2 X 12" Neodymium magnet woofer with 2.5" voice coil
Type	2 X 1.4" Compression drivers with 2.5" voice coil

AMPLIFIER

Type	1 module class D - DSP controlled
Nominal Power Output	2 X 1600 W @ 4 Ω 1% THD + NOISE <sup>(4)</sup>

PHYSICAL

Dimensions	114 cm x 40 cm x 21 cm (44.89" x 15.75" x 8.27")
Weight	42 Kg (92.59 lb)

Notes for data  
1. Maximum RMS applicable power for a musical signal. The reference signal is the one proposed by EIAJ standard  
2. With dedicated preset;  
3. Measured with musical signal  
4. EIAJ Test Standard, 1KHz, 1%THD  
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ACCESSORIES

K-USB, K-HCBASE, K-HCBASE2, K-HCFLY, K-HCDOLLY35,  
K-HCDOLLY2, K-HCLINK2/35, K-DANTE, K-AMPCOVER

The KH3 in the K-array Concert Series was designed with larger scale events in stadiums, arenas, concert halls and theatres in mind. The unique performance-to-size ratio measures up two large neodymium magnet woofers at 12” with a 2.5” voice coil each and has an onboard touch screen with matrix control.

The KH3 features unique **DIGITAL STEERING** capabilities that allow the user to direct the sound in a targeted area. It can also allow the system to be flown completely **STRAIGHT** without the need of a banana curve to provide continuous, even coverage. Results are maximized with the ability to precisely and independently control each element of the array eliminating noise pollution.

S.A.T. is a technology that produces a dispersion in a **HYPER-CARDIOID** figure which maintains the desired directivity with low back emission and minimal side dispersion keeping the stage clean from sound pollution and preventing easy feedback when sensitive microphones are used on the stage. The compact design allows sound to exit instantaneously without resonance, generating a significant amount of sound pressure in the low and low-mid range which results in a better **IMPULSE RESPONSE** and maximum **CLARITY** and **DEFINITION**.

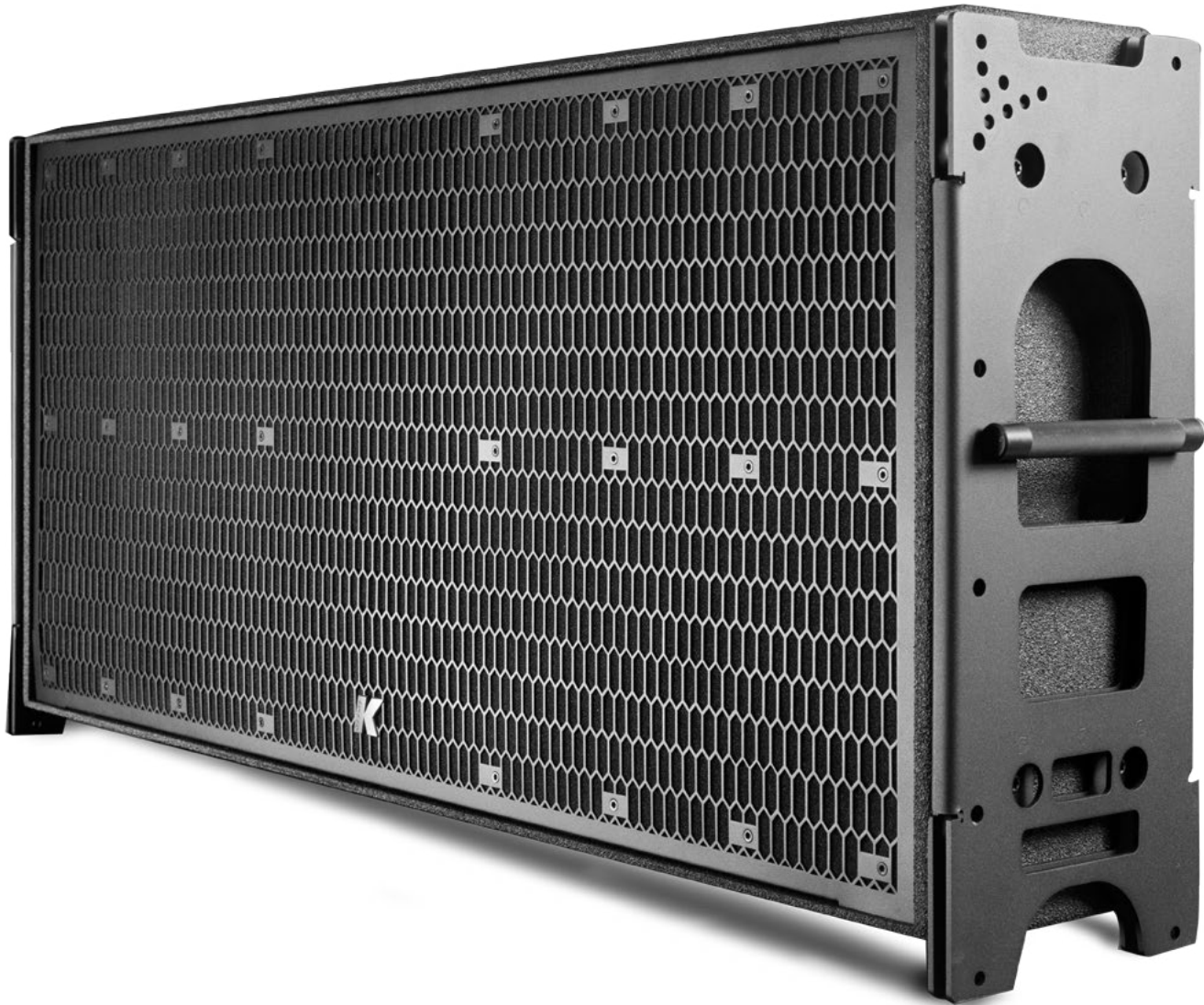


concert series KH3



# KH5

Large format, digital acoustic steering,  
powered line array element



The self-powered KH5 is the largest speaker of the K-array Concert Series and intelligent solution that provides continuous, even coverage for large venues. With two 15" neodymium woofers and four 1.4" compression drivers, the KH5 features unique **DIGITAL STEERING** capabilities that allow the user to direct the sound in a targeted area and **S.A.T.** that produces a dispersion in a **HYPER-CARDIOID** figure to maintain the desired directivity with low back emission and minimal side dispersion.

Just by looking at the loudspeaker, it's apparent the KH5 is a **LIGHTWEIGHT** sa compact solution that saves space along with transportation costs for stadium venues and large events. But the most significant benefit of **S.A.T** is that the compact design allows sound to exit instantaneously without resonance, generating a significant amount of sound pressure in the low and low-mid range which results in a better **IMPULSE RESPONSE** and maximum **CLARITY** and **DEFINITION**.

## KH5 SPECS

ACOUSTICS	
Max power	4000 <sup>(1)</sup>
Frequency range (-10 dB)	50 Hz – 19 KHz <sup>(2)</sup>
Maximum SPL	134 dB (cont.) – 140 dB (peak) <sup>(3)</sup>
COVERAGE	
Horizontal	110°
Vertical	7° to 25° (preset dependent)
TRANSDUCERS	
Type	2 X 15" Neodymium magnet woofer with 3" voice coil
Type	4 X 1.4" Compression drivers with 2.5" voice coil
AMPLIFIER	
Type	1 module class D – DSP controlled
Nominal Power Output	4 X 1600 W @ 4 Ω 1% THD + NOISE <sup>(4)</sup>
PHYSICAL	
Dimensions	114 cm x 54 cm x 21 cm (44.89" x 21.26" x 8.27")
Weight	56 Kg (123.46 lb)

Notes for data  
1. Maximum RMS applicable power for a musical signal. The reference signal is the one proposed by EIAJ standard  
2. With dedicated preset;  
3. Measured with musical signal  
4. EIAJ Test Standard, 1KHz, 1%THD  
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## ACCESSORIES

K-USB, K-HCBASE, K-HCBASE2, K-HCFLY, K-HCDOLLY35, K-HCDOLLY2, K-HCLINK2/35, K-DANTE, K-AMPCOVER





Speakers

**OWL**

Audio moving-head





# KW8

8" coaxial audio moving-head  
with monitoring camera on-board

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

The Owl provides up to 500W of power, 120dB of SPL and a frequency range from 60Hz to 19Khz. It is a perfect solution for a range of applications including live 'on stage' monitoring, theme park installations, airports, train stations, DJ effects and theatre installations. However, the flexibility of the Owl will offer an almost limitless number of solutions and in some cases reduce the amount of speakers required for one installation.

The Owl is part of the K-array Concert Series but it was designed to be offer a completely unique solution for the most ambitious projects.

Dedicated software gives the ability to control the movement with sound and video together allowing users to create scenes and setups via DMX, audio balanced signal and the SDI camera on board.



## FEATURES

- The first audio moving head with 8" coaxial and built in camera
- Accurately focus the directivity of sound
- High performance 126 dB SPL peak
- Dedicated aiming software

## APPLICATIONS

- Stage monitoring
- Theme Parks
- Airport and Public Facilities
- Special effects

## ACCESSORIES

K-USB, K-USB/SDI

## SPECS

### ACOUSTICS

Power handling	300 + 50 W
Frequency range (-10 dB)	70 Hz – 19 KHz <sup>(1)</sup>
Maximum SPL	120 dB (cont.) – 126 dB (peak) <sup>(2)</sup>

### COVERAGE

Horizontal	70°
Vertical	70°

### CROSSOVER

Type	Internal passive crossover
Frequency	1200 Hz

### TRANSDUCERS

Type	8" Neodymium magnet Woofer with 2.5" voice coil Neodymium magnet Compression Driver with 1" Voice Coil
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### VIDEO

Connectors	1 x BNC output
Camera	HD-SDI Mini Camera Wide angle lens Res. Output: Full HD Sensor: Sony Exmor CMOS 2.1 Megapixel

### DMX

Connector	1 male + 1 female 3-pin balanced XLR
Channels	11

### AMPLIFIER

Type	1 module class D - DSP controlled
Nominal Power Output	1 X 450 W @ 4 Ω 1% THD + NOISE <sup>(3)</sup>
Protections	Dynamic Limiter, Over Current, Over Temp. Short Circuit

### PHYSICAL

Dimensions	45 cm x 40 cm x 22 cm (17.72" x 15.75" x 8.66")
Weight	10 Kg (22.05 lb)

Notes for data  
(1) With dedicated preset;  
(2) Measured with musical signal  
(3) EIAJ Test Standard, 1KHz, 1%THD  
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Present systems may differ in some respects from those presented in this catalogue.















