



Portable
Sound

...open for ideas



elements.

it's elementary



The elements idea

When I began developing PA systems 30 years ago, I was an engineer driven by the desire to create the stuff of my dreams, a sound reinforcement system that perfectly matched my wishes as a musician. The Holy Grail audio system I wanted would have to sound great, adapt to changing demands for size and power, and set up in no time at all. The HK AUDIO ELEMENTS system marks a milestone in this quest for perfection.

ELEMENTS is the first system to pair the benefits of modern line array technology with the convenience of ultra-compact portable PAs. With just six components, a few twists of the wrist, and a minute or two of your time, you can configure your system as anything from a small PA for speech reinforcement to a band-approved stage rig. And that frees you to focus completely on what's elementary—your performance!



L. Stamer

Lothar Stamer

Six elements to sonic success

However large or small your audience and the venue may be, you can put together a system suitable for every situation using just the six components of the HK AUDIO ELEMENTS system. The beauty of it is that you get a perfect match—mechanically, electrically, and acoustically—every time. You may opt for just two mid/high units to pipe in subdued background music, or for a

powerful system with a solid bass foundation for your DJ gig. But whatever you want to do, ELEMENTS gets it done faster, easier, and with more space-saving convenience than ever before. The secret to your sonic success is the combination of cutting-edge line array technology and the innovative E-Connect coupler/bus.



Beaucoup benefits



E-Connect

E-Connect, a new type of integrated coupler/bus, lets you configure your ELEMENTS rig of choice far easier and quicker than conventional systems.

Just a few minutes are all it takes to set up an ELEMENTS system. And that's a promise. Simply link components via E-Connect, plug in your signal source, and let the show begin.

Cords can be too long, too short, broken, and left behind, but you'll never give these inconveniences another thought when you opt for ELEMENTS. With E-Connect, all you need to sound off is a single signal-carrying cord from the mixing console to the system's amp (EA 600 or E 110 Sub A).

Minimum space

ELEMENTS leaves a tiny footprint on stage. What's more, even the most powerful 3,600-watt version easily fits into a compact car with enough space left over for another musician and his or her guitar.

Minimum effort

ELEMENTS sets up so easily you can even do it in your stage outfit. The ultra compact yet extremely robust components weigh just a few kilograms. Never again will you break a sweat setting up and tearing down your rig!

Maximum elegance

ELEMENTS looks as modern as it feels. The elegant visuals not only impress the promoter, it also provides the perfect setting for your performance.

Authentic HK AUDIO sound

ELEMENTS is a true line array that adapts to suit your needs. Go with one, two, or four mid/ high units, but know this: Whatever configuration you choose, an excellent match and awesome audio are assured - just like you have come to expect from HK AUDIO.



The elements



E 435 Mid/High Unit

Made of extruded aluminum and engineered with line array technology, the mid/ high unit delivers homogeneous, natural-sounding response, rendering voices and instruments with astonishing authenticity. A new type of coupler/ bus called E-Connect links it to the other elements, simply and quickly.



EA 600 Poweramp

Sharing the mid/high unit's elegant design, the amp module is a perfect visual and mechanical match. Its 600-watt, Class-D power amp provides plenty of juice to drive four mid/high units, two mid/high units and a passive subwoofer or two subwoofers.

EF 45

The base accommodates the mid/high units, amp module, and mounting pole. Its retractable and extendible feet ensure the mounted elements sit on a stable, secure platform.



E 110 Sub A

The surprisingly handy 10" subwoofer delivers a tight, low-ranging bass foundation. Its 600-watt Class-D power amp can also drive two mid/high units or another passive subwoofer. Equipped with two E-Connect ports, the sub unit is placed horizontally or vertically to provide a base for further components. The carrying handle on the top panel makes it easy to tote.



E 110 Sub

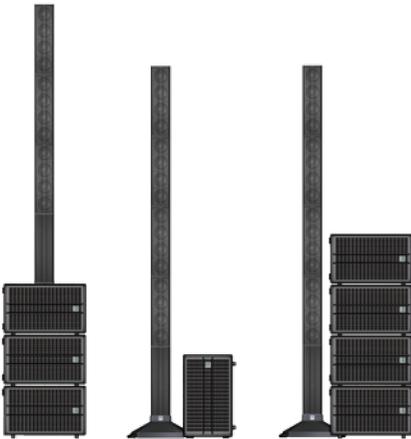
This passive subwoofer is the perfect add-on for applications demanding even more powerful low-end response. It is powered by a connected E 110 Sub A or EA 600 amp module. It also sports an E-Connect port for mid/high units and the amp module.



EP 1

This is a speaker pole unlike any other: It ensures simple, speedy setup for smaller configurations. Infinitely adjustable, it forwards the signal to the mid/high units via its internal E-Connect coupler/bus – no speaker cords necessary.

elements



Just six elements and so many
... configuration options

Accessories

ELEMENTS is not only a cinch to set up, it's also phenomenally easy to transport. Tailored to fit the system's six components like a glove, three types of high-quality gig bags are available to tote rigs of every configuration comfortably from point A to point B. Practical and robust, they are made of tough water-repellent nylon.

ELEMENTS Soft Bag

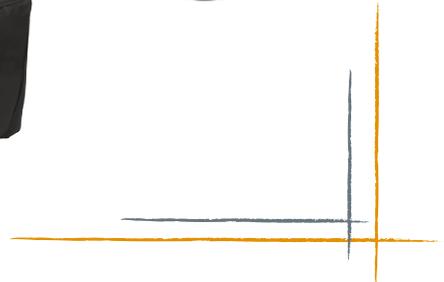
This padded bag accommodates any combination of four mid/ high units or amp modules, for example, three mid/ high units and one amp module. You can also easily tuck a speaker pole in the bag.

ELEMENTS Base Bag

The EF 45 base fits perfectly in this bag, which also serves as a comfortable over-the-shoulder holder.

ELEMENTS Subwoofer Cover

Subwoofers are rarely handled with velvet gloves, so this cover provides twice the padding to protect active and passive subs especially effectively against damage in transit.



...open for ideas

Sorry, but someone beat you to it! Discover how quickly and easily you can set up your ELEMENTS configuration. Find your local ELEMENTS dealership now at www.hkaudio.com



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EA 600 Poweramp

Continuous power EIA	600 watts Class D@ 4 ohm
Input sensitivity	+4 dBu/ -10 dBu (switchable)
Active protection circuits	RMS-Limiter
Protection	DC, impedance, temperature monitoring
Filter	Subsonic filter, system filter quadruplicate **
Cooling	fan, temperature controlled
Connections	1x XLR Combi In, 1x XLR Out, 1x Speakon Parallel Out, 1x E-Connect Out
Dimensions	11 x 38* x 12 cm, 4-7/16 x 15* x 4-3/4" *excluding E-Connect coupler dimension
Weight	2,75 kg / 6,1 lbs.

E 435 Mid/High Unit

Power-handling nominal	150 W RMS
Frequency response, -10dB***	140 Hz – 20 kHz
Sensitivity	97 dB
Rated nominal impedance	16 ohms
Connections	1x E-Connect in, 1x E-Connect out
Mid/Hi frequency loudspeaker	4x 3,5" broad band
Directivity	70° horizontal
Cross frequency	140 Hz, 12 dB/ Oct., passive
Dimensions	11 x 38* x 12 cm, 4-7/16 x 15* x 4-3/4" *excluding E-Connect coupler dimension
Weight	2,35 kg / 5,2 lbs.

EP 1

Dimensions	95–160 x 3,5 cm 37-13/32 – 63 x 1-3/8"
Weight	0,8 kg / 1,8 lbs.

EF 45

Dimensions	35–45 x 31 x 12,5 cm 13-3/4– 17-3/4 x 12-7/32 x 4-29/32"
Weight	7,7 kg / 16,9 lbs.

E 110 Sub A

Frequency response, -10dB***	45 Hz – 150 Hz
Amplifier subwoofer	1x 250 W / Class D @ 10 ohms
Amplifier satellite	1x 300 W / Class D @ 8 ohms
Active protection circuits	RMS-Limiter, Subsonic filter, system filter duplicate**
Connections	1x XLR Combi In, 1x XLR Out, Speakon Parallel Out., 2x E-Connect out
Bass loudspeaker	1x 10"
Pole mount	2x pole mount (E-Connect)
Dimensions	30 x 48 x 46 cm 11-13/16 x 18-7/8 x 18-1/8"
Weight	19 kg / 41,9 lbs.

E 110 Sub

Frequency response, -10dB***	45 Hz – 150 Hz
Power-handling nominal	250 W / 10 ohms
Connections	1x Speakon In, 1x Speakon Out, 1x E-Connect out
Bass loudspeaker	1x 10"
Pole mount	1x pole mount (E-Connect)
Dimensions	30 x 48 x 46 cm 11-13/16 x 18-7/8 x 18-1/8"
Weight	16,5 kg / 36,4 lbs.

* measurement in Halfspace ** number of connected Mid/ High-Units in one line *** with System crossover



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