



Description

Incredibly flat and powerful, the new Mugello-KH5PI passive speaker represents a revolutionary compact line array element for large-scale concerts and live events.

The quad-amp Mugello-KH5PI passive speaker is comprised of two 15" neodymium woofers and four horn loaded compression drivers with 2.5" voice coil in a shallow box frame.

The Slim Array Technology of the Mugello-KH5PI allows for a better impulse response and guarantees unique cardioid polar pattern over its entire frequency range. Along with the mechanical steering, K-array's Electronic Beam Steering technology gives the Mugello-KH5PI the ability to digitally adjust the dispersion of the sound beams to ensure the perfect aiming of the sound field.

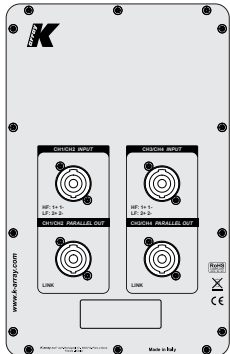
- 2x 15" neodymium magnet woofers with 2.5" voice coil
- 4x horn loaded compression drivers with 2.5" voice coil
- Quad-amplified:
 - SpeakON CH1/CH2: 1+1- High 250 W_{peak} @ 16 Ω | 2+2- Low 800 W_{peak} @ 8 Ω
 - SpeakON CH3/CH4: 1+1- High 250 W_{peak} @ 16 Ω | 2+2- Low 800 W_{peak} @ 8 Ω
- Accessories available for ground stacking and suspended array configurations.
- Mechanically compatible with Thunder-KS line subwoofers
- Available in black and custom RAL color



Suspended configurations with optional flybars.

Mugello-KH5P1

Technical specifications

Type	Passive line array element	
Transducers	2x 15" neodymium magnet woofers with 2.5" voice coil 4x horn loaded compression drivers with 2.5" voice coil	
Frequency Response ¹	120 Hz – 19 kHz (-6 dB)	
Max SPL ²	147 dB peak	
Coverage	V. 7° digitally adjustable in array H. 110°	
Power handling	Quad-amp: HF: 2x 250 W _{peak} LF: 2x 800 W _{peak}	
Nominal Impedance	HF: 2x 16 Ω LF: 2x 8 Ω	
Connectors	Speaker input/parallel output 2x SpeakON NL4 HF: IN and Link 1+/1- LF: IN and Link 2+/2-	Speaker input/parallel output 2x SpeakON NL4 HF: IN and Link 1+/1- LF: IN and Link 2+/2-
Rear Panel		

Handling & Finishes

Material	Polyurea coated birch plywood
Colors	Black, Custom RAL
IP Rating	IP53 ³
Dimensions (WxHxD)	net dimensions: 1104 x 520 x 200 mm (43.46 x 20.47 x 7.87 in) with rigging hardware: 1210 x 520 x 210 mm (47.64 x 20.47 x 8.27 in)
Weight	59 kg / 130 lb with rigging hardware

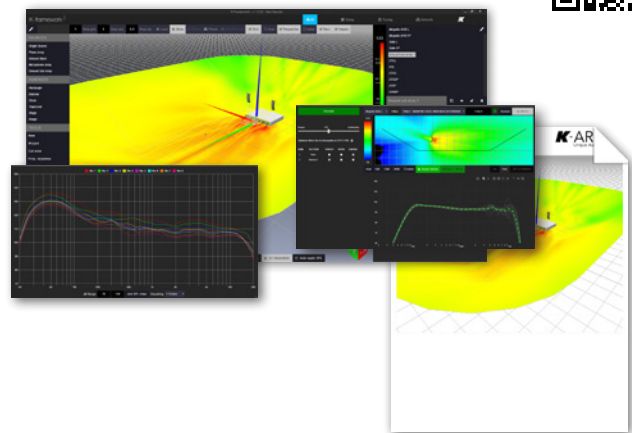
Accessories

K-HCFLY351	Flybar for suspended installations
K-STEPM51	Flybar for step array suspended installations
K-HCBASE	Ground stacking hardware for KH31 / KH3P1 and KH51 / KH5P1
K-HCFLYST	Straight cluster fly bar for KH31 / KH3P1 and KH51 / KH5P1
K-HCLINK2/35	Adapter for joining KH2 at the bottom of a cluster of KH31 or KH51
K-HCDOLLY351	Dolly for 6 KH31 / KH3P1 or KH51 / KH5P1

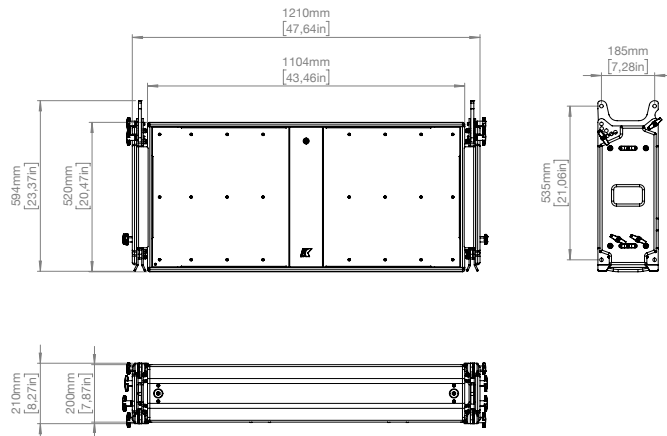
K-framework3 is the managing and control software dedicated to professionals and operators looking for a powerful tool for designing and managing a large number of units over a wired LAN in demanding applications.

WINDOWS and OSX software
K-framework3

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- ¹ With dedicated preset.
- ² Maximum SPL is calculated using a signal with crest factor 4 (12dB) measured at 8 m then scaled at 1 m.
- ³ More complete water protection with K-AMPCOVER accessory.



Notes:
Passive loudspeakers require dedicated presets loaded onboard K-array amplifiers.
New materials and designs are introduced into existing products without previous notice.
Present systems may differ in some respects from those presented in this catalog.

