



# KH5

Large format, digital acoustic steering, powered line array element

## FEATURES

- Unique performance-to-size ratio
- Self powered
- Integrated DSP with multiple analog and digital inputs
- Onboard touch screen with matrix control
- Digital acoustic steering system
- Wide horizontal coverage
- RS485 and USB connectivity for remote control

## APPLICATIONS

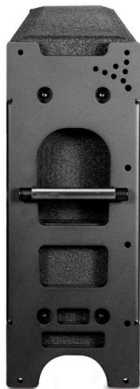
- Large scale events
- Touring sound reinforcement
- Theatres, Stadiums, Concert halls, Arenas
- Houses of worship
- Portable and installed AV systems

## ACCESSORIES

K-HCFLY, K-HCBASE, K-HCLINK2/35, K-USB

## COLORS AVAILABLE

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## DESCRIPTION

Research conducted over 10 years which was used to develop the next generation of touring systems, the Firenze Series, has also been applied to the new line of K-array speakers, the Concert Series.

This groundwork led to significant advancements including the ability to digitally steer the sound, the use of an onboard touch screen and an intelligent integration of capabilities such as various stacking and hanging positions, weather resistance and integrated DSP multiple analog and digital inputs. The company's signature compact design, Slim Array Technology, is also implemented.

The biggest speaker of the K-array Concert Series, the KH5 has two 15" Neodymium woofers with a 3" voice coil and four 1.4" compression drivers. The large format speaker makes for an even larger sound that can deliver up to 139 dB.

All KH5 components are designed by K-array and custom-made under K-array's quality control system.

S.A.T.



SlimArrayTechnology



TECHNICAL SPECIFICATIONS

	<b>ACOUSTICS</b>		<b>AMPLIFIER</b>
Power handling	1500 + 500 W	<b>Type</b>	2 modules class D - DSP controlled
Max power	4000 W <sup>(1)</sup>	<b>Nominal Power Output</b>	4 x 1600 W @ 4 Ω 1% THD + NOISE <sup>(5)</sup>
Frequency range (-10 dB)	50 Hz - 19 kHz <sup>(2)</sup>	<b>Protections</b>	Over Temp. (Power Limiting - Thermal Shut-down), Short Circuit/Overload Output Protection, Power Limiting, Clip Limiter/Permanent Signal Limiter, High Frequency Protection
SPL 1W/1mt	101 dB <sup>(3)</sup>		
Maximum SPL	134 dB (cont.) - 140 dB (peak) <sup>(4)</sup>		
	<b>COVERAGE</b>		<b>AC POWER</b>
Horizontal	110°	<b>Nominal power requirements</b>	100 - 240 Vac ± 10% 50-60 Hz
Vertical	7° to 25° (preset dependent)	<b>Operating Range</b>	85 - 265 Vac (auto-range)
	<b>CROSSOVER</b>		<b>CONSUMPTION</b>
Type	Electronic	<b>Power factor (cosφ)</b>	>0.90 @ 4Ω full power
Frequency	1200 Hz	<b>1/8 rated power (pink noise)@ 4Ω</b>	600 W
	<b>TRANSDUCERS</b>		<b>CERTIFICATION</b>
Type	2 X 15" Neodymium magnet woofer with 3" voice coil 4 X 1.4" compression driver with 2.5" voice coil	<b>IP</b>	20 (53 with K-AMPCOVER accessory)
	<b>AUDIO IN/OUT</b>	<b>Dimensions</b>	121.8 cm x 52.0 cm x 21.0 cm (47.9" x 20.5" x 8.3")
Analog connectors	2 male + 2 female 3-pin balanced XLR	<b>Weight</b>	61.0 kg (134.5 lbs) connecting hardware included
Digital connectors	1 male + 1 female 3-pin balanced XLR		
	<b>REMOTE CONTROL INPUT</b>		
Connectors	1 male + 1 female XLR parallel 1 USB B Jack serial converter		

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

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.

