

Speaker

# **KH3**

Medium format, digital acoustic steering, powered line array element

## Features

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Unique performance-to-size ratio

Self powered

Integrated DSP with multiple analog and digital inputs

Onboard touch screen with matrix control

Wide horizontal coverage

RS485 and USB connectivity for remote control

## Applications

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Touring sound reinforcement

Theatres, Stadiums, Concert halls, Arenas

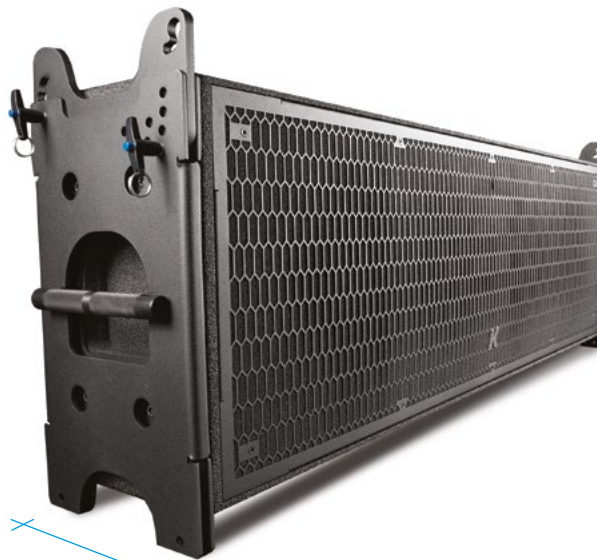
Houses of worship

Portable and installed AV systems

S.A.T.



SlimArrayTechnology



21 cm (8.27")



**K**

## Specs

	<b>Acoustics</b>
Power handling	1000 + 250 W
Max power	2500 <sup>(1)</sup>
Frequency range (-10 dB)	60 Hz – 19 KHz <sup>(2)</sup>
SPL 1W/1mt	100 dB <sup>(3)</sup>
Maximum SPL	132 dB (cont.) – 138 dB (peak) <sup>(4)</sup>
	<b>Coverage</b>
Horizontal	110°
Vertical	10° (preset dependent)
	<b>Crossover</b>
Type	Electronic
Frequency	1200 HZ
	<b>Transducers</b>
Type	2 X 12" Neodymium magnet woofer with 2.5" voice coil
Type	2 X 1.4" Compression drivers with 2.5" voice coil
	<b>Audio In/OUT</b>
Analog connectors	2 male + 2 female 3-pin balanced XLR
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

All DSP functions, including EQ can be controlled with remote managing software via USB or RS485, conveniently on a standard XLR.

Two channels of class D amplification, input for 2 balanced line signals and digital signals in AES/EBU protocol

Integrated touch screen provides intuitive managing and editing of powerful DSP controlling



## Amplifier

Type	1 module class D - DSP controlled
Nominal Power Output	2 X 1600 W @ 4 Ω 1% THD + NOISE <sup>(5)</sup>
	<b>AC power</b>
Nominal power requirements	100 - 240 Vac ± 10% 50/60 Hz
Operating Range	90 - 264 Vac (Auto range)
	<b>Certification</b>
IP	53
	<b>Physical</b>
Dimensions	114 cm x 57 cm x 21 cm (44.89" x 22.44" 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 @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.