

Speakers

KH2

Medium 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

Medium scale events

Touring sound reinforcement

Theatres, Stadiums, Concert halls, Arenas

Houses of worship

Portable and installed AV systems

S.A.T.



SlimArrayTechnology



	Specs
	Acoustics
Power handling	750 + 250 W
Max power	2000 ⁽¹⁾
Frequency range (-10 dB)	70 Hz – 19 KHz ⁽²⁾
SPL 1W/1mt	99 dB ⁽³⁾
Maximum SPL	130 dB (cont.) – 136 dB (peak) ⁽⁴⁾
	Coverage
Horizontal	110°
Vertical	10° (preset dependent)
	Crossover
Type	Electronic
Frequency	1200 HZ
	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
	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

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

	Amplifier
Type	1 module class D - DSP controlled
Nominal Power Output	2 X 1000 W @ 8 Ω 1% THD + NOISE ⁽⁵⁾
	AC power
Nominal power requirements	100 - 240 Vac ± 10% 50/60 Hz
Operating Range	90 – 264 Vac (Auto range)
	Certification
IP	53
	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 @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.



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

