

Mugello-KH2

Small format, digital acoustic steering,
powered line array element



DATASHEET

Concert Series Mugello-KH2

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.

And with the K-dante accessory, the system can be used in Dante network. The company's signature compact design, Slim Array Technology, is also implemented.

The KH2 is the smallest mid-hi line array element offered in the line. The self-powered speaker is comprised of two 8" neodymium

magnet woofers each with a 2.5" voice coil and two 1.4" compression drivers with a 2.5" voice coil each.

However small in size, this compact speaker can really deliver a large sound, making it a perfect solution for medium scale events in stadiums, arenas, concert halls and theatres. All components are designed by K-array and custom-made under K-array's quality control system.

COLORS & PREMIUM FINISHES AVAILABLE



Black



White



Custom

SUGGESTED ACCESSORIES

K-HCBASE2

K-HCFly2

K-DANTE

K-HCFlyST2

K-HCDOLLY2

K-HCLINK2/35

FREQUENT APPLICATIONS

TOURING, FESTIVALS, CONCERTS & LIVE

THEATERS & CONCERT HALLS

LARGE CONGREGATIONS

STADIUMS & SPORT VENUES

NIGHTCLUBS

THEME PARKS

EVENT PRODUCTIONS

BROADCAST & STUDIOS

FEATURES



Visually Discreet



Weather Resistant



On-Board Touch Screen



Compatible



Slim Array Technology (SAT)



Electronic Beam Steering (EBS)

TECHNICAL SPECIFICATIONS

ACOUSTICS		REMOTE CONTROL INPUT	
Power handling	750 + 250 W	Connectors	1 male + 1 female XLR parallel / 1 USB B Jack serial converter
Max Power	2000 W ⁽¹⁾	AMPLIFIER	
Frequency range (-10 dB)	70 Hz – 19 kHz ⁽²⁾	Type	1 modules class D - DSP controlled
SPL 1W/1mt	99 dB ⁽³⁾	Nominal Power OutputIERS	2 x 1000 W @ 8 Ω 1% THD + NOISE ⁽⁵⁾
Maximum SPL	130 dB (cont.) – 136 dB (peak) ⁽⁴⁾	Protections	Over Temp. (Power Limiting – Thermal Shutdown), Short Circuit/Overload Output Protection, Power Limiting, Clip Limiter/Permanent Signal Limiter, High Frequency Protection
COVERAGE		AC POWER	
Horizontal	110°	Nominal power requirements	100 - 240 Vac ± 10% 50-60 Hz
Vertical	20° (preset dependent)	Operating Range	85 – 265 Vac (auto-range)
CROSSOVER		CONSUMPTION	
Type	Electronic	Power factor (cos)	>0.90 @ 4Ω full power
Frequency	1200 Hz	1/8 rated power (pink noise)@ 8Ω	300 W
TRANSDUCERS		CERTIFICATION	
Type	2 X 8" Neodymium magnet woofer with 2.5" voice coil 2 X 1.4" compression driver with 2.5" voice coil	IP	20 (53 with K-AMPCOVER accessory)
AUDIO IN/OUT		PHYSICAL OVERVIEW	
Analog Connectors	2 male + 2 female 3-pin balanced XLR	Dimensions	83.9 cm x 28.5 cm x 21.0 cm (33.03" x 11.22" x 8.26") ⁽⁶⁾
Digital Connectors	1 male + 1 female 3-pin XLR	Weight	29.0 kg (63.93 lbs) connecting hardware included
<p>Notes for data</p> <ol style="list-style-type: none"> Maximum RMS applicable power for a musical signal. The reference signal is the one proposed by EIAJ standard With dedicated preset; Measured @4 mt then scaled @1 mt; Measured with musical signal EIAJ Test Standard, 1KHz, 1%THD (W x H x D) <p>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.</p>			

