Mugello
Electronic beam steerable,
powered line array speakers

Theaters

Large Congregations

Stadiums and Sport Venues

Nightclubs and Lounges

Concerts and Live Events

	Mugello-KH2	Mugello-KH3	Mugello-KH5	Mugello-KS5
General				
Type	Active line array element	Active line array element	Active line array element	Active subwoofer
Transducers	2 x 8" neodymium magnet woofer with 2.5" voice coil 2 x compression driver with 2.5" voice coil	2 x 12" neodymium magnet woofer with 2.5" voice coil 2 x compression driver with 2.5" voice coil	2 x 15" neodymium magnet woofer with 2.5" voice coil 4 x compression driver with 2.5" voice coil	2x 21" Neodymium magnet woofer with 5.31" voice coil
Frequency Response[1]	120 Hz – 19 kHz (-6 dB)	120 Hz – 19 kHz (-6 dB)	120 Hz – 19 kHz (-6 dB)	25 Hz – 120 Hz (-6 dB)
Max SPL [2]	136 dB peak	138 dB peak	140 dB peak	141 dB peak
Coverage	V. 20°	H. 110°	V. 20°	H. 110°	V. 7°-25° (preset dependent)	H. 110°	Omni
Controllers	Remote control with dedicated PC software via USB or RS485. Onboard touch screen display	Remote control with dedicated PC software via USB or RS485. Onboard touch screen display	Remote control with dedicated PC software via USB or RS485. Onboard touch screen display	Remote control with dedicated PC software via USB or RS485. Onboard touch screen display
Connectors	Analog: 2x XLR (bal) input signal 2x XLR (bal) parallel output Digital: 1x XLR AES3 input 1x XLR AES3 output	Analog: 2x XLR (bal) input signal 2x XLR (bal) parallel output Digital: 1x XLR AES3 input 1x XLR AES3 output	Analog: 2x XLR (bal) input signal 2x XLR (bal) parallel output Digital: 1x XLR AES3 input 1x XLR AES3 output	Analog: 2x XLR (bal) input signal 2x XLR (bal) parallel output Digital: 1x XLR AES3 input 1x XLR AES3 output
Built-in	Input gain, delay up to 330 ms, 8 full parametric IIR filters (Peaking, Shelving, Hi/Lo pass, Hi/Lo Butterworth), FIR filter for electronic beam steering Onboard preset, Level and temperature remote monitoring	Input gain, delay up to 330 ms, 8 full parametric IIR filters (Peaking, Shelving, Hi/Lo pass, Hi/Lo Butterworth), FIR filter for electronic beam steering Onboard preset, Level and temperature remote monitoring	Input gain, delay up to 330 ms, 8 full parametric IIR filters (Peaking, Shelving, Hi/Lo pass, Hi/Lo Butterworth), FIR filter for electronic beam steering Onboard preset, Level and temperature remote monitoring	Input gain, delay up to 330 ms, 8 full parametric IIR filters (Peaking, Shelving, Hi/Lo pass, Hi/Lo Butterworth), FIR filter for electronic beam steering Onboard preset, Level and temperature remote monitoring
Amp Module	2-ch., switch mode, class D	2-ch., switch mode, class D	4-ch., switch mode, class D	2-ch., switch mode, class D
Output Power	2x 1000 W @ 8 Ω 1% THD+N	2x 1600 W @ 4 Ω 1% THD+N	4x 1600 W @ 4 Ω 1% THD+N	2x 3500 W @ 2 Ω 1% THD+N
Power Consumption	300 W @ 8 Ω load, Pink noise 1/8 rated power	300 W @ 8 Ω load, Pink noise 1/8 rated power	600 W @ 8 Ω load, Pink noise 1/8 rated power	600 W @ 4 Ω load, Pink noise 1/8 rated power
Protections	Over Temp. (Power Limiting – Thermal Shutdown), Short Circuit/Overload Output Protection, Power Limiting, Clip Limiter/Permanent Signal Limiter, High Frequency Protection	Over Temp. (Power Limiting – Thermal Shutdown), Short Circuit/Overload Output Protection, Power Limiting, Clip Limiter/Permanent Signal Limiter, High Frequency Protection	Over Temp. (Power Limiting – Thermal Shutdown), Short Circuit/Overload Output Protection, Power Limiting, Clip Limiter/Permanent Signal Limiter, High Frequency Protection	Over Temp. (Power Limiting – Thermal Shutdown), Short Circuit/Overload Output Protection, Power Limiting, Clip Limiter/Permanent Signal Limiter, High Frequency Protection
Operating Range	100-240V AC, 50-60 Hz with PFC	100-240V AC, 50-60 Hz with PFC	100-240V AC, 50-60 Hz with PFC	100-240V AC, 50-60 Hz with PFC
Mains Connector	powerCON with link inlet	powerCON with link inlet	powerCON with link inlet	powerCON with link inlet
Handling & Finishes				
Dimensions (WxHxD)	860 x 370 x 210 mm (33.8 x 14.6 x 8.2 in) with rigging hardware 735 x 285 x 200 mm (28.9 x 11.2 x 7.9 in) net dimensions	1218 x 456 x 210 mm (47.9 x 17.9 x 8.2 in) with rigging hardware 1104 x 370 x 200 mm (43.5 x 14.5 x 7.9 in) net dimensions	1218 x 604 x 210 mm (47.9 x 23.8 x 8.2 in) with rigging hardware 1104 x 520 x 200 mm (43.5 x 20.5 x 7.9 in) net dimensions	1162 x 590 x 851 mm (45.7 x 23.2 x 33.5 in)
Weight	29 kg (63.93 lb) (with rigging hardware)	43,6 kg / 96,12 lb (with rigging hardware)	64 kg (134.48 lb) (with rigging hardware)	104.4 kg (230.16 lb)
Material	Wood	Wood	Wood	Wood
Colors	Black, White, Custom RAL	Black, White, Custom RAL	Black, White, Custom RAL	Black, White, Custom RAL
IP Rating	IP20 (IP53 with K-AMPCOVER accessory)	IP20 (IP53 with K-AMPCOVER accessory)	IP20 (IP53 with K-AMPCOVER accessory)	IP20 (IP53 with K-AMPCOVER accessory)