

Sound Element



Technical Specifications

ALCHIMIA SOUND ELEMENT

Experience music and sound like never before as it seemingly emerges from the natural materials of your room. Our revolutionary immersive audio solution Alchimia Sound Element invisibly integrates behind Ceramics, natural stone or wood, eliminating the need for visible speakers or wires. The Alchimia Sound Element redefines luxury audio.

Materials

Custom, most wood veneers and some ceramics & stones.

Integration

Custom integration into the material by Alchimia sound engineers.

SOUND QUALITY OPTIONS :

REFERENCE SOUND STEINWAY LYNGDORF EDITION

Flat Speaker	2 x Alchimia 700 CM LS	Subwoofer:	2 x vibration-free shallow Sub 302
Dimensions	W395 mm x H1775 mm x D64 mm		W430 mm x H800 mm x D302 mm
Frequency range	180 Hz – 20000 Hz (Mid/High)		35 Hz – 200 Hz (Low)
Equalization	DSP Amplifier		DSP Amplifier
Dispersion angle	180° x 180°		500 W / 4 Ω
Power handling peak	700 W / 6,5 Ω	RMS	88 dB (1 w / 1 m)
Sensitivity	Depending on surface material	Max SPL	114 dB (1M)
Amplifier	1 x LYNGDORF MP40-2.1 (19"4RU rack) + * MXA-8400 8 CH AMP (19"3RU rack) *		

HIGH END SOUND

2 x Alchimia 400 CM LS		Subwoofer:	2 x vibration-free shallow Sub 302
Dimensions	W395 mm x H1775 mm x D64 mm		W430 mm x H800 mm x D302 mm
Frequency range	180 Hz – 20000 Hz (Mid/High)		35 Hz – 200 Hz (Low)
Equalization	DSP Amplifier		DSP Amplifier
Dispersion angle	180° x 180°		500 W / 4 Ω
Power handling peak	400 W / 4 Ω	RMS	88 dB (1 w / 1 m)
Sensitivity	Depending on surface material	Max SPL	114 dB (1M)
Amplifier	1 x DSP Amp 4008 (19"2RU rack)		

ELITE SOUND

Mid-high Speaker	2 x Alchimia 240 CM LS	Subwoofer	2 x vibration-free shallow sub 302
Dimensions	W395 mm x H1140 mm x D64 mm		W430 mm x H800 mm x D302 mm
Frequency range	180 Hz – 20000 Hz		35 Hz – 200 Hz
Equalization	DSP Amplifier		DSP Amplifier
Dispersion angle	180° x 180°		500 W / 4 Ω
Power handling peak	240 W / 4 Ω	RMS	88 dB (1 w / 1 m)
Sensitivity	Depending on surface material	Max SPL	114 dB (1M)
Amplifier	1 x DSP Amp 3004 (19" 2RU rack)		

TV SOUND

4 x 24 mm clustered voice coil (per channel)	
Dimensions	W540 mm x H540 mm x D160 mm (per channel)
Frequency range	100 Hz – 12000 Hz
Equalization	Consumer grade HDMI-ARC DSP Amp (up to 22 channels)
Power handling	180° x 180°
Sensitivity	Depending on surface material
Max SPL	40 W / 4 Ω
1 x HDMI ARC DSP Amp (with custom mounting brackets)	

* depending on material, different amplifiers might be applicable *