

alchimia

ELEMENTS OF DESIGN

**I M M E R S I V E
S O U N D
E L E M E N T**



T E C H N I C A L S P E C I F I C A T I O N S

ALCHIMIA IMMERSIVE SOUND ELEMENT

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

Materials

Custom, most wood veneers and some stones.

Integration

Custom integration into the material by Alchimia sound engineers.

SOUND QUALITY OPTIONS :

	SIGNATURE SOUND	HIGH END SOUND
Mid-high Speaker	2 x Alchimia 400 CM LS line source	2 x 400 CM LS line source
Dimensions	395 mm x 1785 mm x 64 mm	395 mm x 1785 mm x 64 mm
Frequency range	180 Hz – 20000 Hz	180 Hz – 20000 Hz
Equalization	Alchimia DSP amplifier	180° x 180°
Dispersion angle	180° x 180°	400 W / 4 Ω
Power handling peak	400 W / 4 Ω	Depending on surface material
Sensitivity	Depending on surface material	
Subwoofer	2 x vibration-free Sub 15-2	2 x vibration-free shallow Sub 302
Dimensions	1060 mm x 510 mm x 440 mm	1100 mm x 430 mm x 302 mm
Frequency range	20 Hz – 200 Hz	35 Hz – 200 Hz
Equalization	Alchimia DSP amplifier	Alchimia DSP amplifier
Power handling RMS	2000 W / 4 Ω	500 W / 4 Ω
Sensitivity	98 dB (1 W / 1m)	88 dB (1 W / 1m)
Max SPL	128 dB (1m)	114 dB (1m)
Amplifier	1 x DSP Amp 6008 (19" 2RU rack)	1 x DSP Amp 4008 (19" 2RU rack)
	ELITE SOUND	TV SOUND
Mid-high Speaker	2 x 2 x 240 CM LS line source	4 x 24 mm clustered voice coil (per channel)
Dimensions	395 mm x 1140 mm x 64 mm	540 mm x 540 mm x 160 mm (per channel)
Frequency range	180 Hz – 20000 Hz	100 Hz – 12000 Hz
Equalization	Alchimia DSP amplifier	Consumer-grade HDMI-ARC DSP Amplifier (mono / stereo (up to 22 channels))
Dispersion angle	180° x 180°	180° x 180°
Power handling peak	240 W / 4 Ω	40 W / 8 Ω
Sensitivity	Depending on surface material	Depending on surface material
Subwoofer	2 x vibration-free shallow Sub 302	
Dimensions	1100 mm x 430 mm x 302 mm	
Frequency range	35 Hz – 200 Hz	
Equalization	Alchimia DSP amplifier	
Power handling	500 W / 4 Ω	
Sensitivity	88 dB (1 W / 1m)	
Max SPL	114 dB (1 m)	
Amplifier	1 x DSP Amp 3004 (19" 2RU rack)	1 x HDMI ARC DSP Amp (with custom mounting brackets)