

**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**

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