

# Sound Element

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## Technical Specifications

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# 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                     |
|---------------------|-------------------------------|-------------------------------|
| 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 | Depending on surface material |

GH END SOUND

| 2 x Alchimia 400 CM LS | 2 x vibration-free shallow Sub 302 | 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                        |
|                        | 400 W / 4 Ω                        | 88 dB (1 w / 1 m)                  |
| Max SPL                | 114 dB (1M)                        | 114 dB (1M)                        |

| Amplifier | 1 x LYNGDORF MP40-2.1 (19"4RU rack) + 1 X DSP 6008 AMP (19"2RU rack) | 1 x DSP Amp 4008 (19"2RU rack) |
|-----------|--|--------------------------------|
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### ELITE SOUND

| Mid-high Speaker    | 2 x 2 x 240 CM LS line source | 4 x 24 mm clustered voice coil (per channel)        |
|---------------------|-------------------------------|---|
| Dimensions          | W395 mm x H1140 mm x D64 mm   | W540 mm x H540 mm x D160 mm (per channel)           |
| Frequency range     | 180 Hz – 20000 Hz             | 100 Hz – 12000 Hz                                   |
| Equalization        | DSP Amplifier                 | Consumer grade HDMI-ARC DSP Amp (up to 22 channels) |
| Dispersion angle    | 180° x 180°                   | 180° x 180°   |
| Power handling peak | 240 W / 4 Ω                   | 40 W / 4 Ω  |
| Sensitivity         | Depending on surface material | Depending on surface material                       |

| Subwoofer       | 2 x vibration-free shallow sub 302 |
|-----------------|------------------------------------|
| Dimensions      | W430 mm x H800 mm x D302 mm        |
| Frequency range | 35 Hz – 200 Hz                     |
| Equalization    | DSP Amplifier                      |
| Power handling  | 500 W / 4 Ω                        |
| Sensitivity     | 88 dB (1 w / 1 m)                  |
| Max SPL         | 114 dB (1M)                        |

| Amplifier | 1 x DSP Amp 3004 (19" 2RU rack) | 1 x HDMI ARC DSP Amp (with custom mounting brackets) |
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