



S1.2

surround

- ✓ For reference level playback in small home-theater and media rooms
- ✓ Immersive soundfield
- ✓ Sculptural design integrates well into home environment
- ✓ Configurable wide/bipole/dipole radiation pattern
- ✓ Prepared for object-based audio formats



S1.2 Surround Loudspeaker System



immersive sound

is like actually being there in the scene.

The radiation pattern of the S1.2 surround speaker is designed to create this illusion, where the speakers disappear and sound sources appear anywhere around you like they were real.

Designed for smaller media and home-theater environments, the S1.2 creates a soundfield closer to what you find in large cinemas.

With the new object-based audio formats surround sound will be more accurate and more complex, and the S1.2 will present this in the best possible way.



S1.2 Surround Loudspeaker System



configurable

radiation pattern for flexible adaption to different installation requirements.

For most small media room applications, the Wide configuration will make the speakers disappear in a totally immersive and accurate soundfield.

The Bipole configuration is good for difficult rooms where some seats are very close to the surround speakers. Wider radiation creates a more diffuse sound-field, making the speakers less noticeable at the cost of reduced sound image accuracy.

In a 7.1 set-up you have the option of choosing different radiation for side and rear surrounds.

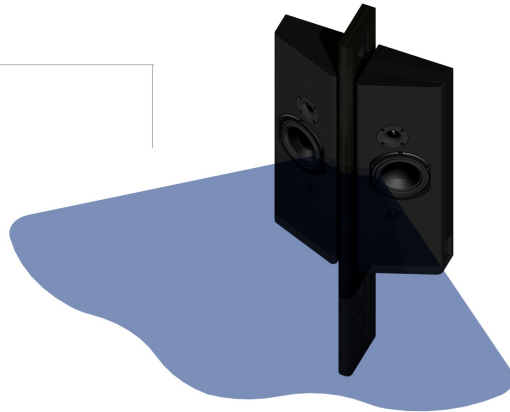


S1.2 Surround Loudspeaker System



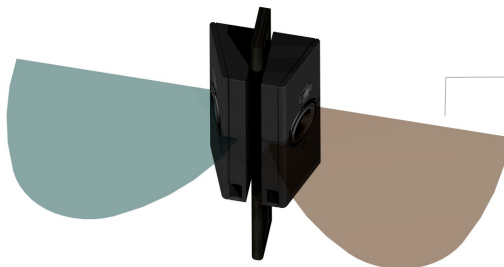
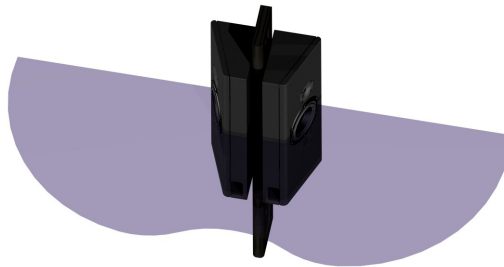
wide

Radiation optimized for immersive surround sound.



bipole

Very wide radiation.



dipole

Very wide radiation,
no direct on-axis
sound.

vertical

Smooth horizontal
radiation.

Single unit alternative for
lower spl requirements.



S1.2 Surround Loudspeaker System



specifications

S1.2 Surround Loudspeaker

Type

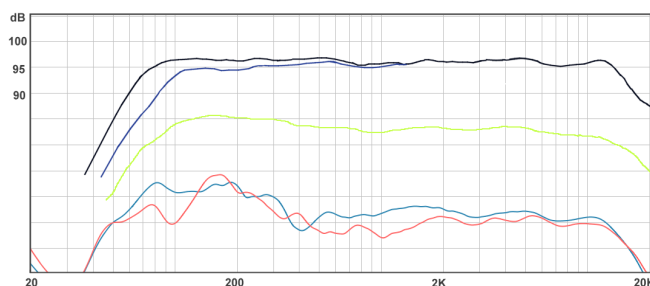
Configuration	2-way, dual enclosure
Enclosure	Ported, simulation optimized shape for internal resonance control and radiation pattern
Drivers	2x 1" high frequency, 2x 5.25" low frequency
Crossover	Crossover 2.6KHz, simulation optimized high-slope, smooth phase
Output Capacity peak/continuous	112dB/105dB 1m/2n at 100Hz
Usable frequency range	60Hz – 20KHz
Recommended frequency range	>80Hz – 20KHz
Nominal impedance	4 Ω
Minimum impedance	3.5 Ω at 210Hz
Sensitivity	92dB/2.83V/1m
Recommended amplification	20W – 100W 8ohm, or 40W – 200W 4 ohm
Maximum power	200W (4 ohm) peak, 40W (4ohm) continuous
Radiation configurations	
Wide (recommended)	100° horizontal controlled directivity
Bipole	180° horizontal, reduced on-axis radiation
Dipole	180° horizontal, no on-axis radiation
Single/vertical	90° horizontal

Dimensions

Height/Width/Depth	1045mm/404mm/150mm (Wide, including mounting rack)
Weight	10.2kg (Complete S1.2 including mounting rack)

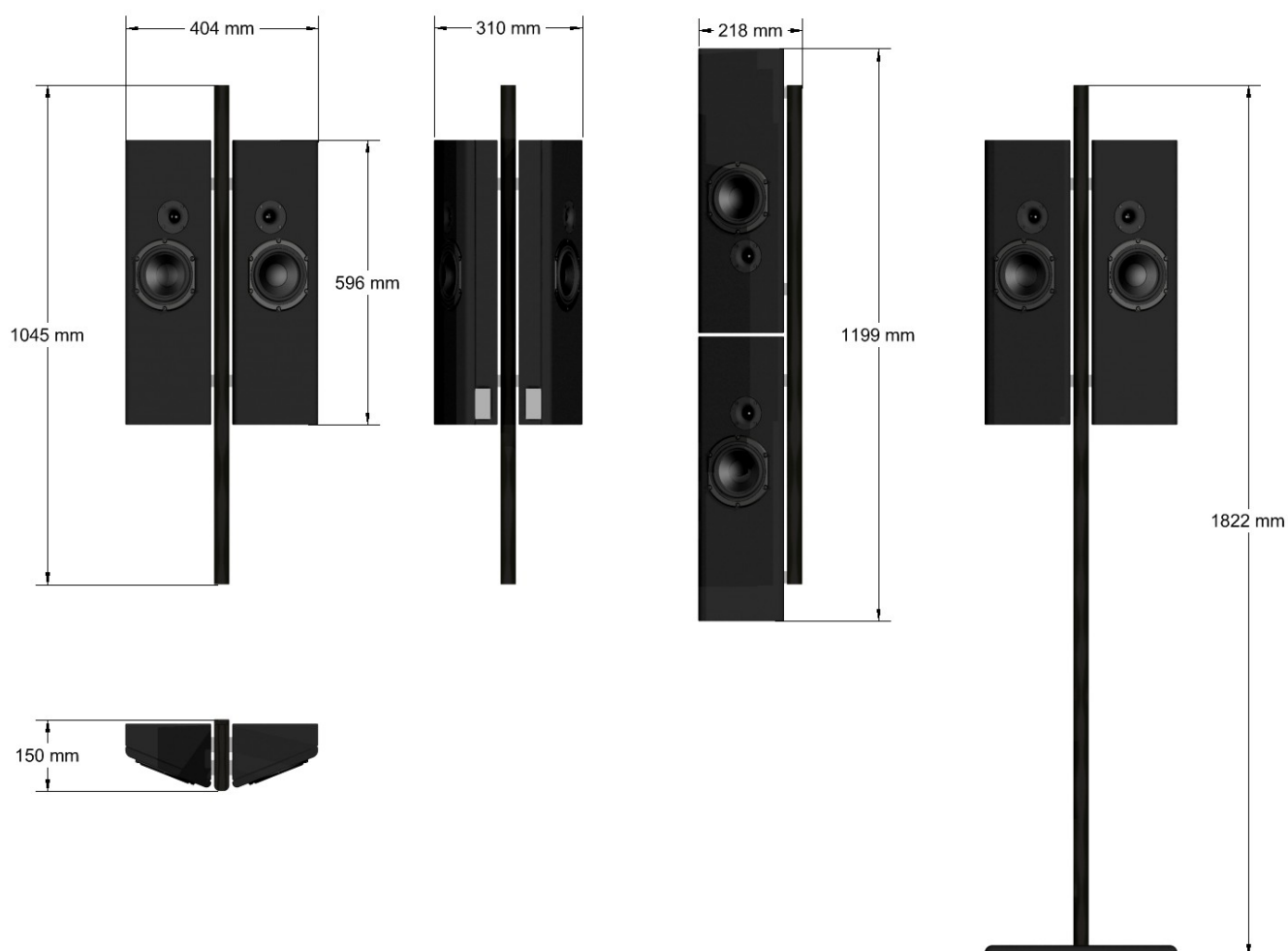
Frequency response

- Wide, 1m on wall
- Wide, 1m free standing
- Sound power
- Wide, typical side surround in-room 0° H/-8° V/2.1m
- Wide, typical back surround in-room 40° H/-15° V/1.6m

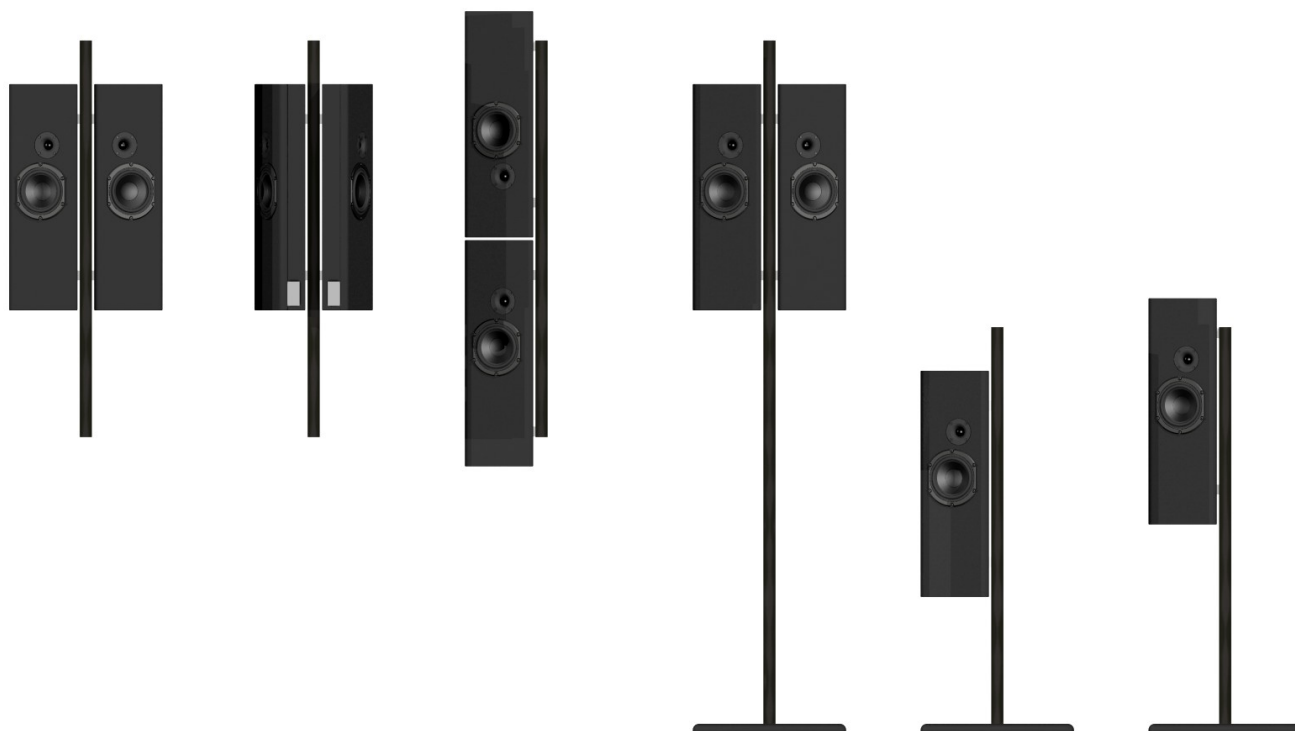




Dimensions



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