

La Sphère

DESCRIPTION

4-way active point source system

LOUDSPEAKER SPECIFICATIONS

DRIVE UNIT

1 x QC 55 – 4-way 22" coaxial driver

- tweeter unit:	1" dome diaphragm	4,000-25,000 Hz	93 dB (2.83V/1m)	30 W power handling	108 dB SPL
- midrange unit:	5" P2C ring	800 - 4,000 Hz	93 dB (2.83V/1m)	80 W power handling	112 dB SPL
- low-midrange unit:	8" Duocell ring	150 - 800 Hz	94 dB (2.83V/1m)	170 W power handling	116 dB SPL
- bass unit:	22" honeycomb dome	20 - 150 Hz	96 dB (2.83V/1m)	1000 W power handling	126 dB SPL

FREQUENCY RESPONSE

20 – 25,000 Hz \pm 3 dB on axis (open space conditions)

FREQUENCY RANGE

-6dB at 16 Hz and 25 kHz (open space conditions)

DISPERSION within 2 dB of reference response: over 60° arc for any plan, forming a perfect 60° cone

SPEAKER DIMENSIONS (H x W x D):

1400 x 700 x 700 mm / 55.1 x 27.6 x 27.6 in

WEIGHT:

around 100 kg / 220 lb

4-WAY ACTIVE PROCESSOR

Fitted with a SHARC Analog Device 32-bit floating point

- Cross-over points: 150 - 800 - 4,000 Hz
- Variable slopes: 24 -70 dB / Octave
- Time alignment of the 4 acoustic centres



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