



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:

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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