

stradivari *homage*

L'omaggio a Stradivari definisce ulteriormente l'ambizione di avvicinare sempre più l'identità del diffusore acustico a quella di strumento musicale.

All'origine del progetto l'ispirazione che un front allargato rispetto ai canoni tradizionali potesse condurre alla simulazione del piano infinito 2π , traducendone il modello di sorgente acustica teoricamente perfetta ed offrendo una performance di riproduzione assolutamente innovativa. Da qui, il grande pannello frontale: che accumula, anziché disperdere, energia dagli altoparlanti, per poi rifletterla. Design ellittico per un sistema a tre vie capace di offrire una risposta totalmente diversa, emotivamente entusiasmante.

The tribute to Stradivari further defines that ambition to bring the identity of the loudspeaker ever more closer to that of a musical instrument.

At its outset, the project was based on the idea that a front that was wider than traditional canons could lead to the simulation of the 2π infinite plane, translating the model of a theoretically perfect acoustic source and offering an absolutely innovative reproduction performance.

And thus, the large front panel: it does not disperse but accumulates the energy of the loudspeakers, and then reflects it. An elliptic design for a three-way system capable of offering a totally different, emotionally enthusiastic response.

FINISH:

Graphite or red violin piano gloss.

DIMENSIONS:

1370 x 655 x 500 mm (HxWxD).

WEIGHT:

151,8 Kg per pair - net weight / 198,6 Kg per pair-shipping weight.

SYSTEM:

3 way floorstanding vented box loudspeaker.

CABINET:

Elliptical shape design, multilayer, constrained-mode damping, enclosure formed using hand selected wood layers, quality graded and oriented for carefully optimized resonances control.

Sub-structural ribs are strategically placed for absolute rejection of spurious vibrations.

TWEETER:

25 mm ultra dynamic linearity neodymium ring radiator driver, with dual toroidal wave-guide.

Natural wood acoustic labyrinth rear chamber, with mechanical anti-resonator synergically designed and integrated "acoustic ambient".

MIDRANGE:

150 mm ultra dynamic linearity driver. CCAW/Kapton "eddy current free" voice coil. Dynamically linear magnetic field motor incorporating Kellogg and Faraday rings.

All moving elements optimally ventilated for "resonance free" response.

Designed synergistically with its vented "acoustic chamber".

WOOFERS:

260 mm lightweight Aluminium/Magnesium alloy cone driver in an acoustically amorphous vented chamber.

A dual Faraday copper ring long-throw motor system with a 2" "eddy current free" voice coil is implemented for an ultra dynamic performance and linearity.

Special coaxial anti-compressors are used, designed to remove cavity resonance and distortions.

CROSS-OVER:

Special multi slope structure with optimized phase/amplitude response. The impedance at low frequencies is controlled for a clear amplifier friendly performance.

A unique structured precious metal alloy conductors used, totally coherent on the entire signal path.

Cross-over points 300 Hz - 4.000 Hz.

FREQUENCY RESPONSE:

22 Hz - 40.000 Hz, tuning ports included.

SENSITIVITY:

92 dB SPL (2,83 V/1m).

NOMINAL IMPEDANCE:

4 ohm.

POWER HANDLING:

30W - 300W, without clipping.

