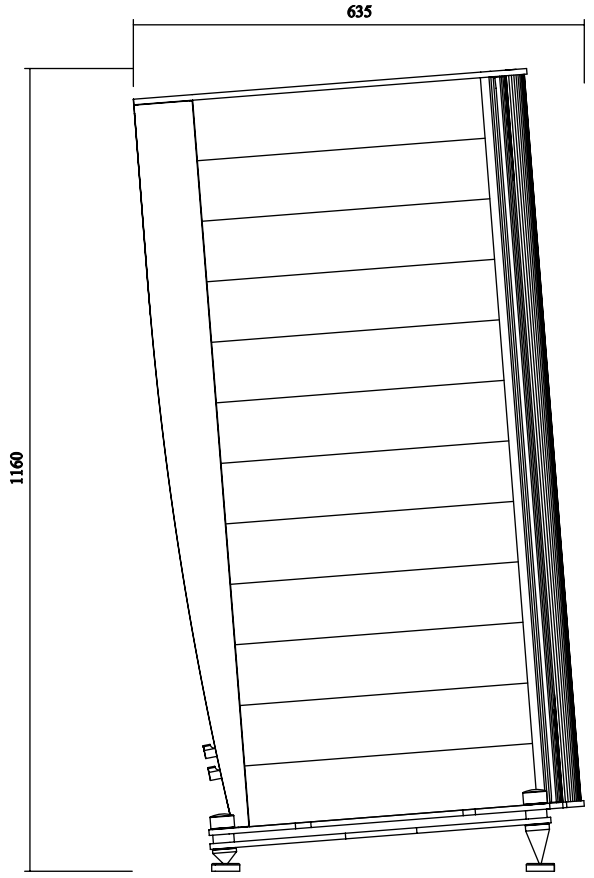
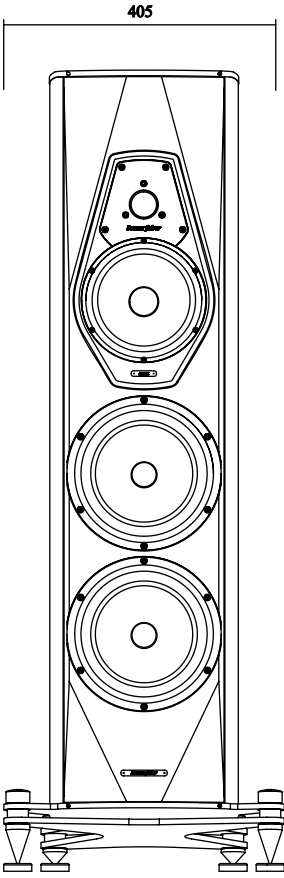


AMATI
futura

DATA SHEET

Sonus faber



DESIGN SPECIFICATIONS

SYSTEM:

3.5 way, low spurious vibration optimized suspension, stealth reflex para-aperiodic loading, staggered low frequency floorstanding loudspeaker system.

CABINET:

Lute 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. New Era avional (from the experience) exo-skeleton clamp structure with the Tuned Mass Damper inhibiting the residual resonances of the wooden structure.

TWEETER:

29 mm ultra dynamic linearity classic Ragnar Lian moving coil driver, Sonus faber vibration optimized mechanical interface.

MIDRANGE:

179 mm, ultra dynamic linearity driver. CCAW/Kapton eddy current free voice coil. Dynamically linear magnetic field motor incorporating triple Kellog/Goeller rings. Real time air dried and non pressed cellulose fiber cone. Designed synergistically with its optimized acoustic chamber.

WOOFERS:

220 mm, lightweight elastomer foam damped Aluminium/Magnesium alloy cone driver in an acoustically amorphous stealth reflex chamber. A long-throw motor system with a 1,5" controlled eddy current voice coil is implemented for high speed, performance and linearity.

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

CROSS-OVER:

Non-resonant progressive slope design, optimized amplitude/phase response for optimal space/time performance. HC (Hot Cold) topology on the tweeter hi-pass. The response at low frequencies is controlled for a clear amplifier friendly performance.

Dual staggered transfer function low frequency/room interface optimized filtre. Highest quality is used in terms of the components: Mundorf Supreme capacitors, Jantzen inductors. Cross-over: 80Hz – 220 Hz-3200Hz.

FREQUENCY RESPONSE:

25 Hz – 30.000 Hz, Stealth reflex included.

SENSITIVITY:

90 db SPL (2.83V/1 m).

NOMINAL IMPEDENCE:

4 ohm.

POWER HANDLING:

30W – 300W, without clipping.

DIMENSIONS:

1160 x 405 x 635 mm (HxWxD).

WEIGHT:

111 Kg per pair – net weight

145 Kg per pair - shipping weight.

