

Stela

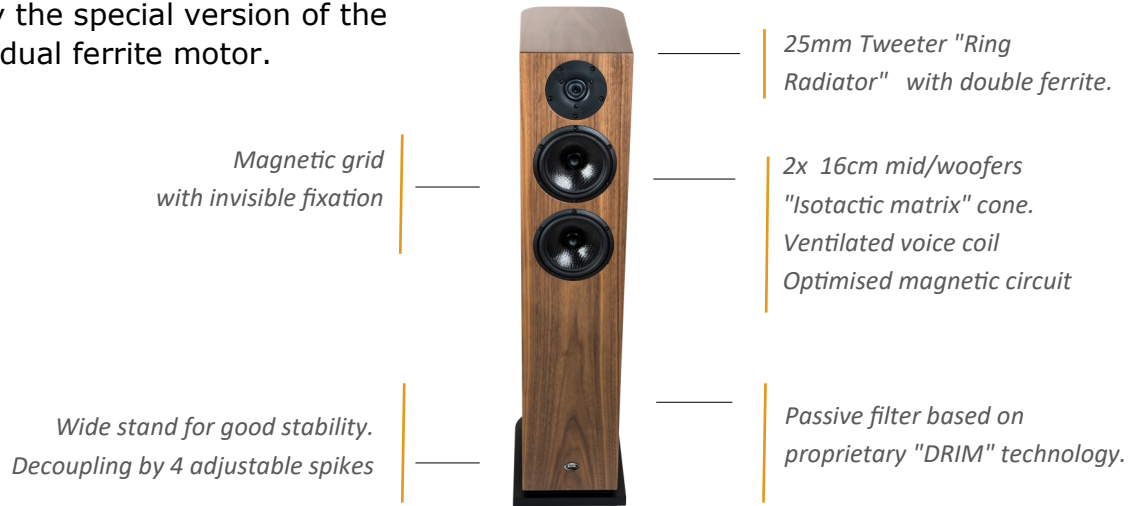


PRODUCT DESCRIPTION

In the logical continuity of Sensa, the range is extended with the arrival of its big sister **STELA**.

This new floorstanding speaker, slightly larger in size, allows for greater depth in the lower end of the spectrum, thanks to the use of two bass/midrange drivers.

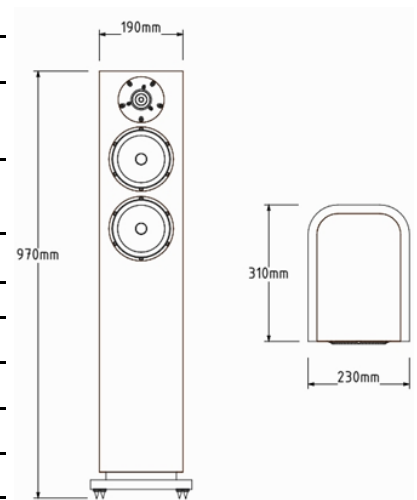
The speed of the woofers double emissive surface, and by the special version of the tweeter with a dual ferrite motor.



Thanks to its nominal impedance held at 8 ohms, Stela will be less demanding in terms of power for the electronics that will be associated with it, but will be able to keep up with the most musical and performing amplifiers.

Its design is based on the same principles found in our most ambitious models: Multiple materials standing waves treatment—coloration free—Original crossover technology with adjusted values based on individual drivers measurements.

Stela	2 ways Bass reflex floorstanding speaker
Drive units	2x 16cm mid/woofer —"Isotactic Matrix" 25mm "Ring Radiator" Tweeter - double ferrite
Frequency range (+/- 3dB)	40 Hz - 30kHz
Sensitivity 2,83v/1m)	88dB
Impedance nominale	8 ohms
Impédance minimale	6 ohms
Crossover Frequency	3.4kHz
Dimensions (W x D x H)	230 x 310 x 970 mm (with stand and spikes)
Weight	19kg



Finishes:



Light Oak
satin



American Walnut
satin



Piano Black
High Gloss



White High Gloss



TECHNICAL SPECIFICATIONS

ENCLOSURE :

18mm MDF cabinet

Four internal Bracing panels to stiffen the mechanical structure and limit propagation of parasite vibrations. Those internal bracing panels create specific cavities where damping materials can be applied for standing waves cancellation.

No less than 4 different types of dumping material are used.

The acoustic load on Stela is a bass-reflex with a vent tube on the rear.

A well-proportioned base plate ensures that the speaker remains stable.

Four adjustable spikes allow a fine positioning of the speaker.

DRIVE UNITS:

Two 16 cm bass-midrange drivers from Seas. The driver cone is of "Isotactic Matrix" technology. A composite of woven coated polypropylene tapes. This material has excellent linearity and damping properties.

The design of the magnetic circuit has been optimised to concentrate the flux on the 26mm coil. The voice coil is ventilated to avoid compression effects between the phase plug and the pole piece. The low-loss rubber surround has radial reinforcements, which helps to reduce break-up modes during long excursions.

The 25mm Tweeter is a member of the "Ring Radiator" family.

It has an extended frequency response beyond 30kHz and excellent directivity performance.

The heavy magnetic circuit is based on a double ferrite bringing a gain in sensitivity and a lower level of distortion, at constant level.

A rear wave damping cavity lowers the resonant frequency of the driver.

CROSS OVER:

Like each Apertura speaker, Stela is fitted with a passiv proprietary « DRIM » crossover, with triple attenuation slopes (6,12 24dB per Octave)

Phase compliance over the entire bandwidth is granted as well as the absence of intermodulation.

Hand wiring in our facility in Puceul, on a 140 µm copper printed circuit board

All components are audiophile grade - heavy gauge coated enamel wire inductors, polypropylene capacitors, wound resistors. The internal wiring uses our heavy gauge OFC copper cable.

