

Veneres

Handmade in Italy – The first Sonus faber Signature Speaker





VENERE S: THE SIGNATURE ON THE DEVELOPMENT

Venere S is the latest Sonus faber loudspeaker and the new flagship of the Venere collection.

Born in 2015, three years after the release of the Venere collection, this latest Sonus faber project **completes the line for which its named**, becoming the most advanced of all the Venere speakers.

Venere S **is the most powerful three-way speaker of the Venere line** with three 180mm woofers for the best reproduction of lower frequencies and high-end standards. Entirely **designed and assembled by hand** in Arcugnano (Italy), the speaker ideally bridges between the Venere and Olympica product families. Carefully thought out designs and precise solutions create an accurate and detailed sound stage. The S inherits Venere's design and has an electro-acoustic legacy strongly connected with the finest traditions of our brand. For all these reasons, the S of the name stands for *Signature*.

What is the need for a Signature speaker?

Sonus faber is always at its best when starting from scratch or re-examining an existing design - even if this means starting over and evolving the design in order to offer hi-fi lovers a sound that reaches the heights of excellence, true to the legacy of the models that made this Italian brand famous around the world.

THE PROJECT

This floor-standing three-way speaker, unlike its Venere siblings, features a new design for the reflex port. Instead of being positioned on the front baffle to reduce interactions with the listening environment making it easier to set-up, our designers have fitted it in the lower part of the cabinet, directly facing the floor. This way the purity of the sound is not contaminated by the spurious vibrations generated by its powerful drivers.

Building on the experience gained from the Olympica collection, the baskets of the Venere S drivers are custom made for Sonus faber in die-cast metal with "Ultra Free Compression" design to minimize the acoustic interference generated by the moving parts of the transducers.

THE CROSSOVER AND DRIVERS

All Venere S drivers are custom built according to the specific design of Sonus faber.

The three woofers cones of Venere S are made of aluminum, providing for maximum lightness and stiffness of the transducers to achieve a fast response to transients at low frequencies.

The midrange features a Curv™ membrane, a special thermoformed polypropylene fiber that provides the ideal solution for an absolutely natural reproduction of the main part of the audio spectrum.

The high frequencies are reproduced by a tweeter with a soft dome membrane made of silk and manufactured by Dr. Kurt Mueller, the world's best producer of moving parts. The tweeter is mechanically decoupled by interposing resilient material in order to make the transducer resistant to micro-vibrations generated by the intense activity of the other drivers. The result is an improvement of the precision and micro-dynamics that allows achieving an extremely focused sound stage.

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The crossover network is assembled entirely in Italy with high-end components. Its semi-balanced configuration with a non-resonant "progressive slope" design and amplitude/phase response optimization ensures the best time domain performance.

In addition, the woofers feature "Trilobyte Ultrafast" filtering coils and the PCB tracks are made with nano-technologies that maximize the signal transmission speed.

DESIGN

The design is faithful to that of the six current models of the Venere collection, thus ensuring seamless integration into multi-channel systems.

Venere S is clearly inspired by the shape of lyre that ensures no parallel inner surfaces and air movement volume control. The overall design of the cabinet is a the result of the needs of sound reproduction. Shape and function blend together to give life to elegant - yet functional - forms to achieve perfect acoustics, all while providing proper support to the drivers.

Sleek and modern, the styling of Venere S stands out with a bolder approach compared to the collection, ideally completing it: the brushed aluminum around each driver gives a dash of character to the speaker's front facade.

The glass base found on the other Venere models is replaced by a brushed black aluminum plate with diamond edge to further energize the look of Venere S.

Venere S is available in 3 finishes: WHITE, BLACK, and WOOD.



Venere S

TECHNICAL SPECIFICATION

Loudspeaker system	3 way floorstanding speaker
Tweeter	29mm high definition precoated fabric dome driver. DKM dome diaphragm visco-elastically decoupled from the baffle. Sonus faber design.
Midrange	1x150mm cone driver. Ultra free compression basket, Sonus faber design. Thermo-moldered polypropylene textile cone (Curv). Ultra dynamic performance and linearity. Special coaxial anti-compressor is used to remove resonances and distortions. Sonus faber design.
Woofers	3x180mm cone driver. Free compression basket, Sonus faber design. Aluminum cone for maximum speed. Ultra dynamic performance and linearity. Sonus faber design.
Cross-over	Non-resonant "progressive-slope" design, optimized phase response for optimal space/time performance, "paracorss topology" on every network. (Nano-technology deposition on the pcb rails). Cross-over point: 250Hz – 2500 Hz
Frequency response	40 Hz -25.000 Hz
Sensitivity (2.83V/1m)	90dB SPL
Nominal impedance	4 ohm
Suggested amplifier power output	40W – 300W without clipping
Long-term max input voltage (IEC-268-5)	22V rms
Total dimensions HxWxD	1.236 x 391x 477,5 mm
Net weight	28,8 Kg
Shipping weight	39 Kg