



LISZT *Reference*



MUSIC IS THE HEART OF LIFE.

FRANZ LISZT



The Art of Natural Sound

Perhaps the most technically advanced pianist of his era, Franz Liszt was noted for astounding improvisations and innovating new forms of music.

Like its namesake, *LISZT REFERENCE* is a marvel of technical command – the latest improvisation upon a revolutionary Vienna Acoustics design that sets a new standard in sound.

Above and Below

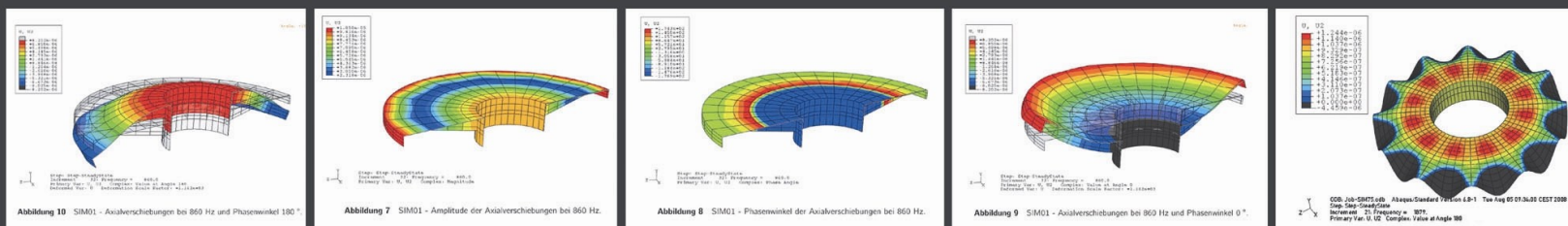
LISZT REFERENCE features a top section which is a completely independent module which allows us to control and carefully position the critical *Music Center*. To eliminate the potential for extraneous mechanical information to reach up from the bass cabinet, the *Music Center* is similarly attached through one centered high grade aluminium turning mechanism. The overall goal with this sophisticated design is to allow the entire *Music Center* to be positioned at its optimal angle towards the chosen listening position while also being completely isolated mechanically from the bass cabinet.

The heart of its design is an all-new version of our patented 15cm Flat-Spider-Cone coincident driver; the result of an intensive development project conducted over the course of many years to further advance our patented system. This second-to-none driver assembly perfectly marries an astonishing new midrange flat-spidercone with an equally remarkable tweeter in a revolutionary ring radiator design, carefully manufactured in Scandinavia.

While the Music Center handles high and middle frequencies, three 7 inch Flat X4P Spidercone-woofers with recessed fabric center-cone perform in a separate and elaborately devised enclosure.

The bass cabinet housing the drivers utilizes seven braces that divide the cabinet into two different chambers, one with a single woofer and the other with two woofers, each vented and uniquely tuned. The two lower units produce the lowest bass, working in parallel, while the single driver provides ideal transition to the midrange driver.

This configuration results in tremendous bass extension with speed and liquidity.



Vienna Acoustics' Composite Cone

The plane surface of the spidercone offers the advantage of precise, piston-like movement. Any diaphragm should move in and out as one unit, not as a quivering mass of uncorrelated vibrations. It should move as a perfectly-solid piston. The flat cone is extremely stiff, with bracings of a height of 18 mm (bass) and 14 mm (mid), yet light, respectively, further reinforced by glasfibers in our new X4P™ mixture.

The rearside bracings are constructed in a way that the whole impulse energy is allocated evenly via the whole surface of the flat cone. Every square centimeter delivers the same impulse as its neighbours, which results in revolutionary impulse response control. As our cone/diaphragm-construction builds upon a very large voice coil, the radiating surface in its middle is large, thereby making it an significant sound determinant. The countless listening testings brought forth such an unexpected unique combination the we gave it a new name, the Composite Cone. The 5cm area of LISZT *REFERENCE*'s bass drivers is now an inverted dome made of woven fabric, double-coated on its rearside. Perfection was achieved by listening to various axial positions, with extraordinary homogenous results by employing a recessing of 8mm.

The sum total of the features of the Composite Cone is a peerless symbiosis. Furthermore, one of the reasons why the woven fabric center cone interacts so nicely, is its affinity to the fabric material of our silk dome tweeter.

LISZT *REFERENCE*'s new tweeter is a coaxial adaption of the super-tweeter employed in our flagship "The Music". The careful adjustment of the general construction applied to a coaxial arrangement has fantastic advantages, in addition to the obvious ideal of performing in the center of the midrange - the point source. This provides for uncanny precision in spaciousness, while the ring radiator tweeter construction results in breathtaking resolution, but maintaining heartwarming naturalness.

Viennese Arts and Crafts

Not apparent to the eye is the artfully articulated bracing structure, as well as the carefully chosen separate enclosures for the individual drivers. What is apparent to the eye is the warmth of the handselected veneers, as well as the depth and pureness of the true piano lacquer.

Great engineering demands the angularity; great design achieves an artful form that confers quality and substance.

As with all Vienna Acoustics speaker systems, LISZT *REFERENCE* is meticulously handcrafted to the highest standards of quality in Vienna, Austria, with each finished speaker matching the reference within 0.3 dB, to ensure the most effortless and natural performance from every speaker that leaves our factory.

Available in true Piano Black and Piano White, as well as in sustainably sourced Cherry and Premium Rosewood veneer finishes.

Technical Data

| | |
|------------------------------|--|
| Impedance | 4 Ohms |
| Frequency response | 28 Hz – 35 kHz |
| Sensitivity | 91 dB |
| Recommended Amplifier | 50 – 400 Watts |
| Coaxial Driver | Tweeter: 3/4" Ring Dome Diaphragm, Phase Plug Design, Neodymium Magnet System Midrange: 6" Midrange Composite Cone: Flat X4P Spidercone |
| Woofers | 7" Woofer (3) Composite Cone: Flat X4P Spidercone with recessed fabric center-cone |
| Bass System | Bass Reflex |
| Crossover System | Three-Way. 6dB and 12dB Bessel |
| Crossover Components | Polypropylene Capacitors, 1% tolerance, Coils 0,7% tolerance, Midrange/Tweeter Section Air Coils, Special Powder Core for Bass Section |
| Metal Film Resistors | 1 % Tolerance, Inductance Free |
| Weight per Pair | 98 kg |
| Dimensions (WxHxD) | without base assembly mm 198 mm x 1148 mm x 435 mm with base assembly / mm 295 mm x 1210 mm x 435 mm |
| Finishes | Cherry, Premium Rosewood, Piano Black and Piano White |

The Ultimate. Genesis of a Reference Flat-Driver Technology

We love crafting loudspeakers. We always know that every piece will arrive at your home according to our latest highest standard of technology and performance abilities. For ALL kinds of music, no matter what your musical preferences are.

We don't believe in changes just for the sake of changing. When our founder and designer Peter Gansterer creates a new speaker line, there is always a pioneering and profound technical reason for it.

First there is the vision. Then there is the exploring of options how to realize the idea. Then the realizing of technical feasibilities and their sorting out.

And then there comes the time of listening to the myriad of combinations, as each part has its individual tone colour. Years of it.

And when the new speaker is presented, the inner circle of Vienna Acoustics and friends is listening for the first time and something changes.

It's the moment when a 30 year old jazz record of Tuck & Patti, which you know inside out since decades, brings tears to your eyes, on the strength of the crystal clear, reradiated, natural intensity.

It's the moment when you lose your temper in a drum solo, electrifying the space around you. To the point.

It's the ease and precision the Vienna Philharmonic Orchestra, straight from the Viennese Musikvereinssaal, assemble in your living room for a private audience.

Then you know a new level is reached and we sincerely want to share it with the whole world.

The Music Company.

Long-term strategy, modesty and our visionary thinking, durable core team enable the sustainable certitude of our stable, independent company, committing our 33rd year for the love of music.

Combined with the strong emotional attachment to our creations, as well as our constant astonishment about what music can achieve, here we are today, gratefully announcing the release of our latest creation 2022.

