YVETTE™

WILSON® AUDIO

Simplicity is the ultimate sophistication

Leonardo da Vinci

YVETTE™

When audiophiles think about Wilson Audio, the tendency may be to focus on the company's heritage. It's easy to do. Wilson is all but a fixture in the high-end. Still independently owned and operated by the Wilson family, the company occupies a position in history completely unique among loudspeaker manufacturers. Wilson Audio's ongoing success and even its presence are taken for granted. Put simply: Wilson's perennial position as the high-end loudspeaker market leader sometimes overshadows the salient fact that the company remains at the cutting edge of loudspeaker technology.

The most advanced single-enclosure loudspeaker

As Wilson Audio launches the all-new Yvette, it is natural to view it within the context of Wilson's past models. This is understandable. Early on in Wilson's history, Dave Wilson's WATT/Puppy literally transformed the high-end loudspeaker market. In an arena dominated by towering, multi-box behemoths, the WATT/Puppy was positively diminutive. But there was nothing small about its sound. Indeed, the WATT/Puppy redefined what audiophiles thought was possible in the areas of dynamic contrast, resolution, and soundstaging—all this from a domestically friendly form barely taller than a yardstick. The WATT/Puppy captured the imagination of the audiophile world, and went on to be the best selling loudspeaker in the over-$10K category in history.

The Yvette may also invite comparison to another audiophile favorite, the Sophia. This also makes sense. For thousands of music lovers and audiophiles, Sophia was their first hands-on experience with Wilson. Sophia was treasured for her unparalleled combination of musicality and accessibility with other traditional Wilson virtues, such as dynamic contrast and soundstaging. She was, above all else, easy-going and eminently lovable.

The new Yvette draws from this rich tradition. But, perhaps more importantly, it derives its core technology directly from the enormous research-and-development reservoir of what is perhaps Wilson's most prolific era of innovation to date. Wilson's latest Sasha Series 2, the Alexia, and the leading-edge Alexx have all informed the Yvette project, in some cases with identical components. And like the Alexx, the Yvette was developed alongside Dave Wilson's new WAMM project.

Yvette is the most advanced and musically refined single-enclosure loudspeaker in Wilson's history.

Wilson's ongoing research into driver technology

In conjunction with the WAMM project, Wilson Audio recently completed yet another wave of research into tweeter technology and driver materials. Tweeters with domes constructed from beryllium and diamond—the seemingly ubiquitous choice of many loudspeaker engineers—were developed, prototyped, tested, and meticulously compared to the latest version of Wilson's Convergent Synergy Tweeter. While many of these designs held promise on paper, upon listening they all fell well short of the musicality, natural resolution, and coherence of Wilson's tweeter.

Technology engineered to serve the music

The Yvette employs the MK III version of the Convergent Synergy Tweeter, which is also found in the Sasha Series 2 and the Alexx. The MK III features Wilson's latest thinking on rear-wave diffraction and ultra-low resonance rear chambers. It mates seamlessly with Wilson's proprietary midrange driver.

Wilson's venerable seven-inch midrange driver, the same unit in the Alexandria XLF, covers the all-important midrange. This proprietary Wilson driver has served several Wilson models, reproducing the most musically critical portion of the bandwidth with uncanny speed, resolution, and unprecedented dynamic and harmonic expression. Representing Wilson's commitment to veritable music reproduction, this seven-inch driver is destined to find a home on the list of all-time great drivers.

The ten-inch woofer chosen for the Yvette was (one of two woofers) originally developed for the Alexia, and is a cousin to the ten-inch in the Alexx and the upcoming WAMM. These newest series of bass drivers are partially responsible for Wilson's trademark blend of dynamic contrast, impact, speed, and musicality. When installed in Yvette's bass enclosure, which was optimized for this driver in terms of volume and resonance control, it pushes the boundary of musical accuracy, extension, and dynamics for such a compact loudspeaker.

For more insights and information on Yvette visit Wilson's website and Youtube Channel

Cutting-edge composites developed by Wilson

Wilson remains at the vanguard of enclosure technology. Like all recent Wilson designs, the Yvette is the beneficiary of Wilson's state-of-the-art composites research, the heart of which is the laser vibrometer. This measurement tool allows Wilson's engineers to see minute vibrations—on the order of a billionth of a meter.

Yvette's enclosure is built primarily from two Wilson-developed composites: the third generation of X-Material, an extremely well-damped and inert composite, and S-material, which was developed for exquisite midrange performance. Bracing in this system is more ambitious and heroic than any previous single-enclosure system.

Industry-leading enclosure research

Yvette's architecture is driven by two factors: time-domain performance, and extremely low-resonance and vibration contribution. The S-material midrange baffle is angled within its own plane in order to optimize its time-domain relationship between the woofer below and the tweeter above. Wilson's engineers designed a new venting system for the midrange enclosure, similar to those found on the XLF, Alexx, Alexia, and Sasha Series 2.

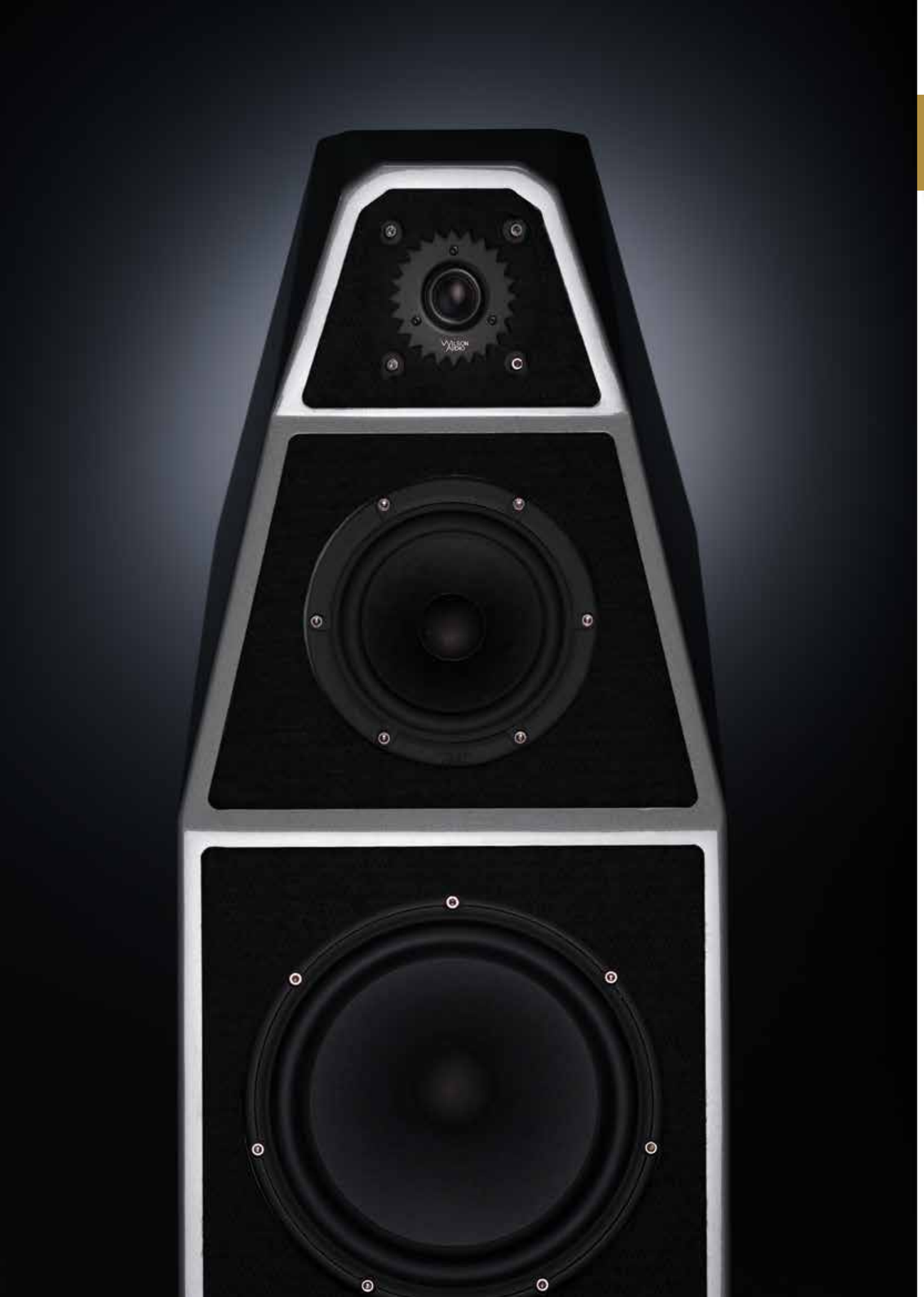
The tweeter baffle is built from X-Material, and, like the mid baffle, is optimized for time-domain performance and dispersion. The X-Material woofer baffle is also carefully positioned geometrically in the vertical array. As is true for the Sabrina, Alexx, and the upcoming WAMM, Yvette's bass baffle angles back slightly toward the midrange for better dispersion accuracy in the upper bass, and correct time alignment between the woofer and midrange.

Propagation delay, It's about time™

While not adjustable in the time domain as are Wilson's larger, modular designs, the Yvette benefits from Wilson's patented testing protocols, and is singularly time coherent for a single-enclosure design. Wilson continues to be the only loudspeaker company in the world that fully understands the musically deleterious artifacts caused by time-domain smearing endemic to all multi-driver systems. For the past several decades, Wilson alone has continuously researched and systematically implementation better and more effective solutions for time-domain distortion.

At Wilson Audio, the music matters most

At Wilson, it's the music that matters. We exist for the sole purpose of designing and building loudspeakers that have the singular ability to convey an ineffable sense of rightness that momentarily suspends disbelief. Wilson believes that as long as you follow a course that honors the music by integrating the best technologies together with the sole idea of looking at the musical result, the more profound the product will be.



Specifications

Enclosure Type Woofer:	Rear Ported
Enclosure Type Midrange:	Rear Vented
Enclosure Type Tweeter:	Sealed
Woofers:	One—10 inches (25.4 cm) Paper Pulp
Midrange:	One—7 inch (17.78 cm) Cellulose/Paper Pulp Composite
Tweeter:	One—1 inch (2.54 cm) Silk Dome
Sensitivity:	86 dB @ 1 Watt @ 1 meter @ 1khz
Nominal Impedance:	4 ohms / minimum 2.94 ohms @ 90 Hz
Minimum Amplifier Power:	50 Watts per channel
Frequency Response:	20 Hz – 25 kHz +/- 3 dB Room Average Response [RAR]
Overall Dimensions:	Height—41 inches (104.14 cm) w/o spikes Width—13 1/4 inches (33.66 cm) Depth—20 1/16 inches (50.92 cm)
System Weight Per Channel:	175 lbs (79.38 kg)
Total System Shipping Weight (approx.):	515 lbs (233.60 kg)

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