

Sabrina™



Video links

[Announcing Sabrina](#)

The original teaser video announcing the imminent release of Sabrina



[The Measure of Sabrina](#)

This video reveals the continuity between Sabrina and rest of the Wilson loudspeaker line, including the flagship Alexandria XLF.



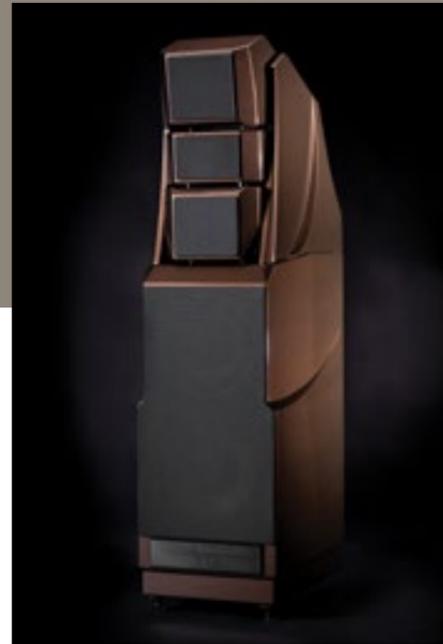
[Why Does Dave Wilson Want to Own Sabrinas?](#)

He has a music room with Alexandria XLFs and Thor's Hammers. Yet he wants to find a place to listen to Sabrinas as well. In this video, Dave and the rest of the engineering team reflect on what makes Wilson Audio's smallest floorstanding loudspeaker such a beguiling instrument.



The inspiration

for Sabrina arose from two distinct and seemingly disparate sources: the original WATT/Puppy, and the Alexandria XLF. The WATT/Puppy was the result of Dave Wilson's belief that a well-designed compact loudspeaker could outperform many of the much larger state-of-the-art systems of its day. Sabrina is nearly the same size as its 1980s progenitor. The XLF, on the other hand, represents the current pinnacle of Wilson's three decades-long quest to bridge the gulf between live, unamplified music and its reproduction. The XLF platform offers the world's most precise time-alignment capability, custom-designed drivers, and cabinet modules constructed from Wilson's proprietary materials, reducing cabinet resonance and coloration to inaudible levels.



The objective

for Sabrina was to take the wealth of knowledge and experience contained in the XLF and distill it down to its essence. To create a loudspeaker that, like the first WATT/Puppy, could stand alongside much larger systems, and, like its flagship sibling, offer the kind of dynamic contrast and harmonic expression that is the defining character of Wilson Audio loudspeakers.



Sabrina's cabinet

is hand-assembled, glued with proprietary adhesives, hand-sanded, gel coated, painted with 4 layers of automotive grade paint, inspected, then polished and buffed to the same exacting standard as every other Wilson loudspeaker. We conducted extensive laser-vibrometry measurements to develop the internal bracing scheme, and Wilson's proprietary X material was chosen for the front baffle and bottom, ensuring a cabinet design with minimal coloration and resonance-induced distortion.



Technology



When the drivers in a loudspeaker array are aligned so that the leading edge of transients from each driver arrive at the listener's ear at precisely the same time, the result is a profound improvement in dynamics, harmonic detail, transparency—to name just a few. In short, all the things that characterize what the brain interprets as "real" in music reproduction.

The adjustable driver modules in Wilson's larger loudspeakers exist to provide unprecedented control over time-alignment in a large variety of listening environments. But in a single cabinet speaker such as Sabrina, the concept is still valid. Sabrina's driver array has been time optimized for the typical listening room (hence the sloping front baffle of the loudspeaker).

The clarity and lack of distortion achieved by precision in the time domain is also a function of a well-designed crossover. Each hand-built Sabrina crossover is mandated to match the reference crossover specifications to within $\pm 0.2\%$ —a value much lower than the industry standard. Wilson believes the owners of its products should hear precisely what Dave and the engineers heard when they signed off on the final prototype.

Fitting a reference quality crossover into a compact cabinet without severely restricting internal volume required a clean-slate approach to circuit design and topology. And Sabrina's remarkable bass performance, is due, in part, to some innovative work on the low-pass portion of Sabrina's crossover.

The Wilson Convergent Synergy Tweeter, introduced in Alexandria XLF, is a unique soft-dome design renowned for its uncanny balance of wide bandwidth and effortless musicality. Sabrina features a simplified version of this tweeter, which is crossed over considerably higher than in other Wilson designs, allowing it to perform with even greater power-handling capacity and low distortion.

The 5.75 inch midrange driver is remarkably smooth throughout its bandwidth (which extends flat to 3.5 kHz, facilitating the elevated crossover point to the tweeter). Midrange beauty and alacrity are well-known hallmarks of Wilson designs, and Sabrina's midrange is no exception. The crossover points allow the driver to perform optimally within the "sweet spot" of its range.

Sabrina's woofer is derived from the 8 inch driver in Alexia. In typical small cabinet loudspeakers, the bass will either sound lean, or, in an effort to compensate for the lack of cabinet volume, it will sound "fat" and ill-defined.

The bass performance Wilson owners have come to expect is neither of those; rather it is fast, with huge dynamic contrast, and no "smearing" or overhang. Sabrina's bass exhibits all of those qualities in spades. And even though it can't go as low as our larger loudspeakers (because the laws of physics are, after all, laws), its articulation and speed and optimized extension will demolish any preconceptions about how much powerful bass can come from such a small loudspeaker.





Specifications

Measurements

Nominal Impedance: 4 ohms / 2.53 ohms minimum @ 139 Hz
 Sensitivity: 87 dB @ 1W @ 1m @ 1 kHz
 Frequency Response: 31 Hz – 21 kHz: +/- 3 dB:
 Room Average Response [RAR]
 Minimum Amplification Power Recommended: 50 watts/channel

Dimensions

Height: 38 inches (96.46 cm) *without spikes
 Height: 39 5/16 inches (99.80 cm) *with spikes
 Width: 12 inches (30.48 cm)
 Depth: 15 3/16 inches (38.55 cm)

Enclosure Type

Single Enclosure Design
 Tweeter: (Sealed) Material: Enclosure HDF / Baffle-Bottom X-Material
 Mid-Woofer: (Rear ported) Material: Enclosure HDF /
 Baffle-Bottom X-Material
 Woofer: (Rear ported) Material: Enclosure HDF /
 Baffle-Bottom X-Material

Product Weight

Weight Per Channel Uncrated: 94 lbs (42.64 kg)
 Total Approximate System Shipping Weight (box): 222 lbs
 (100.70 kg)
 Total Approximate System Shipping Weight (crate): 270 lbs
 (122.47 kg)

Drivers

Tweeter: 1 inch, Dome (2.54 cm) Material: Doped Silk Fabric
 Mid-Range: 5 3/4 inches (14.61 cm) Material: Doped Paper Pulp
 Woofer: 8 inches (20.32 cm) Material: Paper Pulp



Obsidian Black

Desert Silver

Galaxy Gray

Biarritz White

Titan Red

Sabrina is available in a choice of three standard colors

And two additional upgrade colors