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WILSON® AUDIOFILES

Upcoming Events

September 13-15
Heathrow Audio Show
United Kingdom

September 19 - 21
Milan Audio Show
Spain

September 25 - 29
CEDIA
Minneapolis, MN
USA

Breakthrough Improvements in New System 7

By David A. Wilson

It is not an overstatement to say that those discerning listeners who have participated in comparisons between the WATT/Puppy System 7 and the highly acclaimed System 6 have been astonished by the improvements embodied in the System 7.

In view of the fact that, for years, the 6 solidly outperformed much larger and more expensive loudspeakers from other manufacturers, many had come to believe that major improvements in performance seemed impossible. What accounts, then, for such major improvements in the new WATT/Puppy System 7 over the System 6?

The improvements of the WATT/Puppy 7 are not about quantity, rather, they are about quality. After all, the 7 doesn't play that much louder than the 6; it is not much more sensitive than the 6; its frequency response isn't much wider than the 6.

None of these traditional measurements provide insight into the System 7's unprecedented ability to unfold, define, and illuminate the musical message held within recordings or its effortless revelation of place and scale. Simply put, music makes more sense when listened to through the System 7.

The WATT/Puppy 7 accomplishes this in three ways. First, the musical information floor, created by acoustical and electrical resonances, response dips, and group-delay errors, has been dramatically lowered in the 7 relative to the already excellent System 6.

This breakthrough was accomplished largely through the use of new materials in conjunction with improved damping of the speaker enclosure. As a result, the 7 resolves more musical information, especially in quiet passages.

Spatial cues, such as ambient information, lost on previous designs, are effortlessly revealed through the 7. Transients rise more quickly, sounding unfettered and alive, settling more rapidly.

Second, the phase linearity of low level signals is improved. A new technique for minimizing "phase ripple" is employed in the

System 7's crossovers in both the WATT and Puppy. As a result, you hear the low level harmonics of an instrument in an ensemble more clearly. In addition, instrumental harmonics are connected convincingly to the same area in space as the instrument.

Third, because group delay is more effectively corrected in the System 7, resulting in substantially reduced time smear, it has much greater alacrity as the music moves from soft to loud. Similarly, musical diminuendos move more quickly, settling with a proper sense of decay.

The System 7 is much more agile, with a wider range in its ability to express dynamic shadings, thus allowing both crescendos and diminuendos to be revealed with much greater clarity and authority.

A product is defined largely by the questions its designers ask. Design solutions cannot be defined and ultimately explored without a complete understanding of design possibilities.

Other loudspeaker manufacturers have simply failed to ask the musically profound questions that are answered so eloquently by the new WATT/Puppy System 7.



Wilson Products in the News

Spotlight on *Sophia*

**“Wilson’s Sophisticated Sophia,” by John Atkinson
Stereophile, July 2002**

“I think the Sophia might well be Wilson’s best speaker to date. ‘Best,’ not in the sense that the Sophia exceeds all their other models in every area -- it clearly doesn’t -- but ‘best’ when considered as an integrated package at its price. . . .”

**“Revel Ultima Studio Loudspeakers,” by Marc Mickelson
SoundStage!, July 2002**

“The Sophias offer loads of detail and neutrality, but they also sound more relaxed and tangible -- more *human*. In their combination of traits, they seem to point toward a higher calling, one that puts them at one with the artistry, emotion and beauty of the musical message. To what specifically can this be attributed? I could speculate, but in the end it’s a matter of all the elements of the speaker working together to present the music in this way -- it’s not an accident.”

**“WilsonAudio Sophia loudspeaker,” by Martin Colloms
HiFi News, May 2002**

“Sophia is exacting and demands the best. If you go the distance, Sophia will reward you with some of the best stereo ever. I cannot recall hearing stereo stages of such focus and stability except from micro monitors. Something about the mellifluously creamy midrange, its utter coherence and the subtle blend achieved to the excellent treble makes for really special stereo.”

Full text reprints of Sophia reviews are available by contacting Wilson Audio.



Kevin Crow is polishing and wet sanding, the last of seven steps in the finishing process. Before the seven step process, this Sophia’s surface was similar to the texture of an orange peel. Not only does this process create a glass-like smoothness, it also brings out the speaker’s premium luster.

Service Tip of the Month

By Jerron Marchant

This is just a reminder that new style cloth grills are available for the following older model speakers:

Model

CUB 1
WITT 1
WITT 2
WATT
Puppy
X-1

Original foam grills and defraction pads (baffle foam with Velcro) are also available.

Please call Jerron Marchant or Trent Workman at 1-801-377-2233 for further details.

The New Wilson Audio WATT/Puppy System 7

New Cabinet Material in WATT
New Woofer Drivers in Puppy
New Crossovers in WATT and Puppy
Interface between WATT and Puppy Continuously Enhanced

- New Cabinet Material in the WATT.**
The System 7 employs the strategic use of a new cabinet material that, in conjunction with with "X" material, radically reduces cabinet colorations. Distortion, noise, and audible enclosure resonance are all substantially reduced.
- New Woofers in Puppy**
The new Puppy woofer greatly improves bass performance in the areas of transient speed and frequency linearity.
- New Crossovers in WATT and Puppy**
Both the WATT and Puppy crossover have been greatly enhanced in the area of Phase Delay correction and transient linearity. These changes result in greater resolution of inner-detail, timbre and transient speed and decay.
- Cosmetic Enhancements**
Subtle changes in the area of the WATT/Puppy interface create a sense of visual integration and sculpted wholeness.

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