



BOENICKE
audio



“Perhaps I have spent more time in concert halls recording live music than most other loudspeaker manufacturers. Wherever I go, the tone of real instruments is with me. In my memory, in my body – and I promise you can hear it in our products.”

A handwritten signature in orange ink, appearing to read 'Boenicke', written in a fluid, cursive style.

SVEN BOENICKE





swiss happiness. **4**

family. **13**

W5. **17**

W8. **23**

W11. **29**

W13. **35**

cables. **41**

b:there records. **43**

contact. **52**



swiss happiness.

Boenicke Audio was founded in 1998. Against the overwhelming number of brands in today's hifi market (some say 20,000 worldwide!), we've closely scrutinised each of our products by asking ourselves, "does anyone really need this?" So we have grown Boenicke Audio slowly and organically. We don't focus on number of sales but product quality and relevance.

Despite so many loudspeakers in today's market, they all roughly break down into three main categories.

First category: This is the loudspeaker being "re-invented" time and again as your basic bass-reflex MDF box with foam damping, dome tweeter, one or two cone drivers on a perpendicular front baffle, plastic-based lacquer coating, spikes and a standard crossover.

Many even big speaker houses no longer possess real in-house engineering skills. They must outsource to third parties who don't have a genuine emotional link to the finished product. They're just contractors for hire. This is a fact and the main reason we believe why in so many ways, the hifi market has become so cookie-cutter impersonal.

This paint-by-numbers protocol without real passion leads to a situation where a product's retail value becomes paramount. Now it is more about buying and selling (possible only if 99% of all gear is interchangeable) than finding an excellent product to keep for many years of pleasure and satisfaction.

Twenty years ago there might have been fewer models with 'perfect' piano gloss lacquer but there were more which gave us an opportunity to discover and hear the actual designer's handwriting. The ratio between what you see and what you get has never been as deceptive and superficial as is the case with many of today's loudspeakers.





Boenicke Audio's goal and deepest wish is to conceive of, design, build and then market products which do it all the other way. We are determined to create products that far exceed what meets the eye, which reflect an honest way of living based on accurate perceptions. In short, we absolutely couldn't bring ourselves to sell you another loudspeaker in this first category of me-too MDF boxes.

Second category: The second category of loudspeakers are the brands for whom 'less is more' is true. They use better-sounding enclosure materials or build dipoles that sometimes use no enclosure at all. Whether they are unique or not, these brands create loudspeakers of actual merit.

Third category: The third category goes a step further to do things no one else does. These loudspeakers boost playback quality by adding certain elements to the signal path, enclosure, drivers or any other part of the speaker.

In doing so, they create loudspeakers with true identities and unique selling propositions. In this category there are very few speaker houses and we are deeply convinced that Boenicke Audio is its leader and only true contender.

Sven Boenicke, founder, head and owner of Boenicke Audio, performs the acoustic design of everything we sell. That's what brings it all to life with one coherent voice and vision.

All products carrying his name bear his uncompromised handwriting which we consider key to create a truly outstanding product and playback experience. Sven makes all final decisions. It's never the case that opposing interests from different departments within the company undermine the vision, unity and final quality of any product.

The finance department for example will never forbid the use of superb but costly tuning parts or enclosures milled from solid wood.

Of course there are many other reasons why Boenicke Audio speakers are truly unique and exceptional. We are one of less than a handful of companies who build their loudspeakers from solid wood. There is much Internet gossip that solid wood speakers are always built as resonating structures to try and imitate musical instruments. If someone took an actual look at the cross sections of our CNC-milled enclosures, they'd be quickly disabused of that notion. Our enclosures very clearly are not designed to act as resonating bodies. On the contrary, we try to make our enclosures as solid and non-resonant as possible.

"So why then use natural wood?" The answer is very simple. First, if you mount a driver to a certain mass such as solid wood, MDF or aluminium, the inherent properties of that material will strongly affect how the driver sounds. This is a fact either virtually nobody seems to know about it or cares to respect for its consequences when designing a driver or loudspeaker.





Almost all driver manufacturers know that using an aluminium phase plug can help to move heat out of the magnet system and eliminate the little echoic chamber behind the dust cap. Compared to a wooden phase plug, aluminium simply adds a gross coloration. That's because to the human ear, aluminium is a highly coloured material. Second, there is no such thing as a 100% non-resonant enclosure. To some degree, sound energy will always dissipate from the enclosure itself.

It seems evident that a body of solid wood with a thin coating of oil will resonate in a more natural way than the same body made from MDF then coated in shiny impervious plastic proudly sold as polyester lacquer.

Our W13 is a perfect example of the benefits of solid wood enclosures. The W13 is heavy and extremely non resonant. Solid wood's low degree of inner damping with only minimal amounts of extremely hard glue allows the speaker to reproduce music with so much true light in the harmonic structure of each tone that you first must hear it to even understand it. This is something we haven't heard from any other speaker brand regardless of price.

Do you know any other manufacturer who uses the wide variety of tuning devices we do especially in our SE and even more our SE+ versions?

Do you know of another manufacturer who tests each individual driver for its correct sonic (not marked!) orientation? How about elite LessLoss C-MARC™ internal cabling?

Each of these items and tuning devices represents a gain in playback quality which we assure you is well and truly audible. If you leave out just one, or for example replace the terminals with inferior ones to save money, that speaker no longer operates on the same level. One or two small changes might not seem dramatic but for better or worse, it all accumulates.

We agree that all this would be for naught if each model wasn't masterfully tuned and balanced in the end. To ensure that every speaker is perfectly tuned, we have a method that is as individual and phenomenal as the products themselves are.

We are very privileged that Sven started to make his own recordings in the early nineties. With the help of one or two splendid minds, he managed to create and build something we would call the most radical, perhaps best-sounding 8-channel recording chain in the world.

Over the last 20 years, Sven has recorded in close to 300 concert venues, many of them with live audiences. Each recording was made in concert halls, churches and other real buildings. Instead of being stuck in a recording studio's control room, Sven was always present in the acoustic field of the original performance beginning to end.





Technicians who deem their memory of the control room sound their reference will always have a problem when judging the absolute sound quality in the field. They never were in the field in the first place. They always only listened through their headphones or monitor speakers locked into a control room.

Like synaesthesia, Sven can photographically remember sound. He can see its harmonic texture as colour. By storing that colour in his memory, he can vividly recall his experience in the acoustic sound field of incredible live performances even months later. Each Boenicke speaker in its development stage is fine-tuned with his own recordings. The same holds true for our electronics, cables and power distribution solutions.

Sven uses his recall of the concert hall reality as the only valid reference to ensure the tuning and sonic balance of all Boenicke products. From time to time we demonstrate this process to interested parties. In 2010 during a Vienna show exhibit for example, we performed live music and played back the recording over our system immediately afterwards.

We're happy if we get somewhere in the vicinity of 90% of the original sound. That's a value which most professionals would dismiss as an abstract impossibility.

At Boenicke Audio, coming very close to the original sound is not an illusion or pipe dream. It's an achievable goal and actual promise to our customers. And even though we have already achieved this goal, we won't stop working on an even better experience of the beauty of reproduced music in your home.





family.

Each model in Boenicke Audio's W family of speakers shares the same intrinsic DNA and construction using only the finest natural components.

The 'W' designates solid wood and each model is available in a variety of species like oak, ash, walnut and cherry.

Every speaker cabinet is carefully formed as two individual clam-shell halves whose interiors are routed out by precision CNC cutters before being joined to create the final structure. Regardless of model or cost, the cabinet concept remains unchanged.

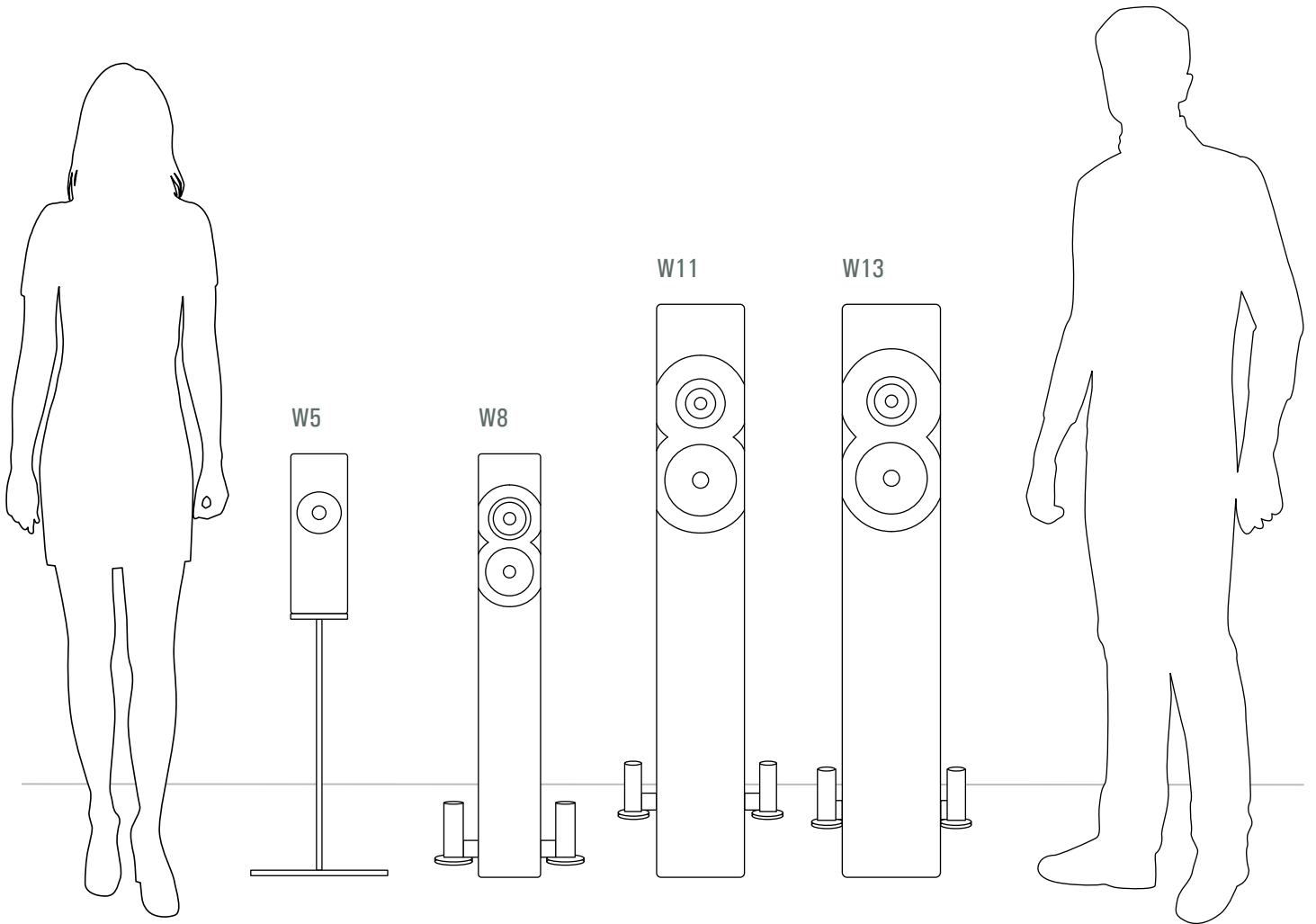




We do not believe in simplifying our complex cabinets as our range becomes more affordable. Instead, we work to the principle that a range of speakers must share the very same foundation and follow the very same vision.

Wherever possible, the drive units are shared across models and all our speakers feature: A unique electromechanical 8 cm parallel spiral resonator, orientation-optimised stranded Litz hookup wiring wrapped in silk, WBT NextGen binding posts and an ambient rear tweeter.

Perhaps the W models' greatest achievement is their ability to go beyond the usual hifi trickery and draw you deep into your music, connecting you emotionally to truly **Feel It All**.





BOENICKE
AUDIO



W5.

Standing just 293 mm tall and 104 mm wide, the W5 doesn't impose itself on any listening space. Once you listen, you'll be hooked on just how big the little W5 sounds.

Boasting just 2.8 L of cabinet volume, the W5 really shouldn't fill your listening space with such grace and ease. Punchy bass comes from a driver capable of 18.5 mm of excursion. A liquid and lucid midrange with an accurate top end emanates from our 3" widebender made to spec just for Boenicke Audio. The ambient rear tweeter complements the main drive units and augmented by premium silk-wrapped Litz hookup wiring and WBT NextGen binding posts, this is a very grown-up little speaker.

Expect the usual Boenicke soundstaging as breathtaking as any vast landscape, a liquid midrange, accurate tone and harmonics which combine to connect you to your music in a way that defies what you thought possible.



versions.

GENERAL

Sensitivity: 83 - 88 dB / watt / m depending on frequency

Nom. Impedance: 4 Ω

Dimensions: 10.4 x 29.3 x 23.1 cm

Weight: ~ 3.5 kg / ea. depending on version and wood type

Stand Height: 48 cm

W5 STANDARD

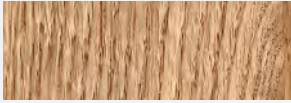
- 5" long-throw woofer (X-max = 9.25 mm) tuned to 50 Hz without an electrical crossover
- 3" widebander made to spec with unique electromechanical 8 cm parallel spiral resonator, 1st order high pass
- Orientation-optimised silk-wrapped stranded Litz hookup wiring
- WBT NextGen binding posts
- Ambient rear tweeter

W5 SE

- 16 cm spiral resonator on widebander and woofer
- Mundorf silver / gold / oil capacitor for widebander, added Duelund tinned copper foil 0.01 μ F bypass capacitor

W5 SE+

- 16 cm spiral resonator on widebander and woofer in both parallel and series
- Additional Harmonix Tuning Bases on widebander magnet
- Proprietary acoustic phase linearization network



OAK (PURE)



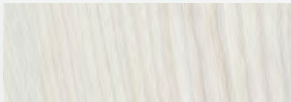
OAK (NATURAL)



OAK (WHITE PIGMENTED)



OAK (BLACK PIGMENTED)



ASH (WHITE PIGMENTED)



ASH (CORE)



AMERICAN WALNUT



review excerpts.

“To say that the W5 blew our minds would be putting it criminally mild...”

SRAJAN EBAEN, 6MOONS.COM

“...highly recommend the Boenicke Audio W5... these are the most impressive small speakers I’ve heard in a long, long while.”

SUJESH PAVITHRAN, AUDIOFI.NET

“Long story short, the unique W5s are the best monitors I’ve had the pleasure of familiarising myself with thus far...”

DAVID GRZYB, HIFKNIGHTS.COM

“Many larger speakers cannot compete with these W5. Thanks for selling them to me !!”

G.C.

“...really fabulous imaging is what I am getting with loads of detail and texture to the instruments...”

STUART AND LINETTE SMITH, HIFIPIG.COM

“Quite simply the most stunning pair of bookshelf speakers we have heard – be prepared to be amazed.”

JOHN ROBERTS, MIDLAND AUDIO EXCHANGE

“So glad I was able to get over the mental block of paying big speaker price for a small speaker. It is the audio equivalent of the Tardis time travel machine.”

JOSHUA JACOBSON, ESTONIA

“There might be quite few people out there being reserved and sceptical about the actual potency of W5 based on their size. Yet, upon first few notes strike things change dramatically...”

MATEJ ISAK, MONOANDSTEREO.COM

“I have just experienced Swiss happiness in a box, and i’m emotionally shaken and just moved to tears...”

THOMAS HELLELAND HOMME, NORWAY

**“Sometimes you hear a speaker that redefines what you believed possible: A paradigm shift. How good are the W5SE+ ?
Well, I purchased a pair...”**

DAVID GRAHAM, WHOLE NOTE DISTRIBUTION

