


SPHINX®
AUDIO-ENGINEERING

ELEMENT SERIES







ELEMENT SERIES

A Legacy Reborn: The Evolution of Sphinx

Carrying a legacy from the past, **Sphinx** has been a part of the **Siltech** family since its inception.

In the 80's and 90's, Sphinx was well-known in many countries, especially Europe and Asia, for making a wide range of high-end electronics. The brand was produced by Siltech, designed and engineered by **Edwin van der Kley-Rynveld**, CEO of Siltech which now evolved into the **Siltech Group**. His passion for music and technique and knowledge for developing unique loudspeakers and electronics never faded, and only got bigger over time when a skilled and motivated team of engineers settled around him.

The deep foundation in audio engineering – electronics, loudspeakers and later the famous Siltech cables - has allowed us to refine our craft, setting the stage for a new era. The results were unique, award-winning products like Siltech's SEPA and SAGA amplifiers, the Pantheon and Symphony loudspeaker systems, and **Crystal Cable's** iconic Glass Arabesque and Minissimo Forte loudspeakers.

Today, all that knowledge is bundled into a new brand with an old history: **Sphinx Audio-Engineering**. The Sphinx name is reborn as a dedicated entity focused on high-end audio technology and equipment.

Through the years, our research and developments into cables, loudspeakers, electronics, and music has provided invaluable insights into signal integrity, component interaction, and system optimization. Every discovery and every refinement has brought us closer to a new frontier in high-end audio—one that we are now ready to explore through Sphinx Audio-Engineering.

The new life of Sphinx marks the beginning of an exciting new chapter into the musical world, introducing two speakers at once. Named **Element 3** and **Element 5**, the two models bring in state-of-the-art engineering, pure musicality, and a forward-thinking approach to design. But this is just the beginning—Sphinx Audio-Engineering will continue to evolve, with the aim of bringing more outstanding high-end audio products to the world in the years to come.

Why Element?

The name Element was chosen with purpose. It speaks first to the essential elements of loudspeaker design: structure, balance, airflow, timing, resonance control, phase behaviour and musical integration. But it also speaks to something more human. A truly great loudspeaker does more than reproduce sound. It reveals the elements within music itself — tone, space, texture, dynamics, colour and emotion — and in doing so, it can connect with the listener's own inner element.

We allowed ourselves to think outside the box. Elements are created for the sole purpose of breaking the barriers between source music and a person's listening. Acoustically inert enclosure and electrically almost "invisible" crossover allow music to flow through the speaker and to be reproduced by drivers in its most natural wave form. What comes out is not just sound, but a strong sense of presence and connection.

One that respects the technical elements of reproduction, but never forgets why they matter: because music should not only be heard clearly, but it should also be felt deeply. ■

Cabinet Design

Our first speaker range, Sphinx Element Series, features a newly developed **Zero Gravity Bass™** technology. This architecture minimizes distortions and air compression and maximizes room integration, preserving the clarity of the audio signal and revealing the full depth of recorded music.

With a form inspired by the silhouette of a harp, housing the acoustic channel for the Zero Gravity Bass™ technology, the Element speakers embrace the “form follows function” philosophy.

The precisely placed internal framework and exterior architecture enhances acoustic performance, while the sculpted curves—available in dark and light finishes—blend seamlessly into luxurious modern home interiors:

- ☉ The stone-like exterior is not only visually pleasing but also naturally dampens resonance, resulting in pure sound.
- ☉ The elevated tweeter housing is acoustically sculptured for optimally tuned dispersion and stereo image. The time alignment ensures a crisp, clear treble extension, perfectly in phase with other drivers.

This 3-way system is phase perfect. Combined with our newly developed non-compression cabinet technology, the result is outstanding, playing any kind of music with deep, natural bass, low distortion levels overall, and an open, airy soundstage, all exploiting fast drivers with low mass and low distortion. This design ensures an immersive and fatigue-free listening experience that preserves the authenticity of recorded music.

Zero Gravity Bass™

The speaker’s bass section utilizes a precisely tuned Zero Gravity Bass™ channel. Instead of trapping and damping the rear wave, our design delays and aligns it in phase, reinforcing low-frequency output. This allows higher noise-free particle velocity, rapid airflow and quick driver response with minimal distortion to enable deep bass from relatively compact enclosures. ■



Power-assisted Crossover

Element's electrical architecture is a **passive-interface, amplifier-assisted system** that extends the conventional "amp + speaker" topology with internal signal conditioning to overcome key limits of passive crossovers.

From the user's perspective, it behaves like a standard passive loudspeaker with a nominal **16 Ω load**, driven by a conventional external power amplifier. The signal chain remains unchanged: *source → preamplifier → power amplifier → loudspeaker*. The external amplifier defines overall character, while internal architecture controls signal distribution to the drivers.

Traditional passive crossovers place reactive networks in the high-power path, exposing amplifiers to complex impedance behavior, phase shifts, and back-EMF interactions. Series components reduce damping, and shared networks can introduce driver interaction under load.

Elements Series get more control over the drivers through a power-assisted crossover. A **balanced, low-impedance RC crossover** operates entirely in the analogue domain at low power, free of inductors and high-current components. Signals then feed local buffer stages with band-specific gain, followed by dedicated ultra-linear Class D power modules, providing direct low-impedance control over drivers.

A proper analogy is a classic car without **power steering**: The driver's arms do all the work. That's like a traditional passive loudspeaker – An amplifier must fight the full mechanical load of the drivers through a complex linkage of coils and capacitors. Our system adds power steering. The driver still holds the wheel, in this case the amplifier still generates the signal and defines the character, but local power stages for each driver provide the muscle. Like steering, the sound becomes more precise, less fatiguing, and more consistent regardless of conditions.

The Element series also feature a **+3 dB woofer switch** that adjusts bass by changing gain in the woofer buffer stage only, allowing room adaptation without affecting damping or crossover behavior.

All assembly is **hand-crafted** by trained specialists and verified with rigorous quality checks. Internal wiring features proprietary **Silver-Gold** conductors. ■



Element 3

Compact in form. Expansive in expression.

Element 3 is designed to deliver the full Sphinx philosophy in a form that is elegant, highly efficient and unusually easy to integrate into a wide variety of systems.

Its three-way architecture combines a modified transmission-line bass section, a diffused sealed midrange chamber and a dedicated tweeter enclosure. The cabinet uses a layered MDF core with a synthetic stone composite exterior, chosen not only for its distinctive appearance, but for its structural and acoustic benefits. The result is a loudspeaker that remains remarkably inert in operation, allowing the drivers to perform with acoustic clarity and precision.

The driver complement reflects the same pursuit of speed and control. The woofer is a 150 mm underhung paper-sandwich design with a neodymium motor, chosen for its ability to deliver deep bass from a compact diaphragm with low distortion. The 120 mm midrange is optimised for articulation and natural presence in the vocal band. The 20 mm textile dome tweeter completes the system with smooth dispersion

and refined treble behaviour, helping Element 3 sound open and resolved without becoming sharp or mechanical.

One of Element 3's most remarkable qualities are its ease of drive. With a sensitivity of **98 dB** and a **nominal 16 Ω impedance**, it opens the door to a broad range of amplifier partnerships, including lower-powered tube amplifiers. That makes it unusual in high-end audio: a loudspeaker that is highly revealing and technically advanced, yet also extremely accommodating in real-world system building.

Being able to deliver very low bass notes, Element 3 plays "Big" for its size. It reaches **25 Hz (f10)** and extends to **30 kHz**, while maintaining total harmonic distortion **below 0.5%**. In listening terms, the impression is one of immediacy and freedom. The loudspeaker disappears easily, creates a stable and natural stereo image, and preserves the shape, colour, and timing of instruments without exaggeration.

Element 3 is for the listener who wants intimacy, precision and emotional connection in a loudspeaker that remains exceptionally capable in performance.■

SPECIFICATIONS	ELEMENT 3
Configuration	3-way loudspeaker
Enclosure type	Bass: Hybrid non-compression cabinet
	Midrange: Sealed diffusion chamber
	Tweeter: Sealed chamber
Sensitivity	98 dB - 1 W(2.83 V) @ 1 m
Impedance	Nominal 16 Ω
	Min. 15 Ω @ 20 kHz
	Max. 22 Ω @ 20 Hz
Frequency response	25 Hz (f ₁₀) – 30 kHz (40Hz - 30kHz $\pm$ 3 dB)
Total Harmonic Distortion (THD)	Less than 0.5%
Amplifier recommendation	Tube amplifier: $\geq$ 20 W per channel in 16 Ω
	Solid-state or digital: $\geq$ 50 W per channel in 8 Ω
Weight	56,4 kg / 124 lbs (one cabinet)
Measurements (W/D/H)	279,3 mm x 372,2 mm x 1082,6 mm

ELEMENT 3



ELEMENT 5



Element 5

Greater scale. Greater reach. The same core philosophy.

Element 5 is the larger and more ambitious expression of the Element concept. It expands the same series philosophy into a more elaborate acoustic system, offering greater extension, larger scale, and an even more commanding sense of space, while preserving the same priorities of coherence and musical naturalness.

Like Element 3, Element 5 is a three-way loudspeaker built as a complete system rather than a collection of parts. Its cabinet is more substantial and more complex, using a carefully engineered internal structure and refined material execution to create an acoustically controlled enclosure. This allows the drivers to operate with minimal interference from the cabinet itself.

The bass system is one of its defining achievements. Element 5 uses **two woofers in a back-to-back force-cancelling arrangement**, significantly reducing mechanical vibration while improving composure and bass authority. These woofers work together with a highly developed dual-channel transmission-line structure, tuned for deep extension, controlled group delay, and more uniform interaction with the listening room. The result is bass that is not only powerful,

but spacious and naturally integrated into the overall musical picture.

The midrange and high-frequency system is equally advanced. Element 5 uses **two dedicated ported midrange chambers** together with a **29 mm beryllium dome tweeter** in an MTM configuration. This arrangement supports excellent image focus, stable dispersion, and a notably open, airy vocal range. Rather than sounding boxed in or overly damped, the midband is allowed to breathe, contributing to a soundstage that feels broad and holographic.

Element 5 offers **95 dB sensitivity**, a **nominal 16 Ω impedance**, frequency extension from **22 Hz (f10) to 40 kHz**, and total harmonic distortion below **0.5%**. Recommended amplifier power begins higher than with Element 3, reflecting its greater scale and capability, yet it remains far more amplifier-friendly than many loudspeakers in its class.

In listening terms, Element 5 delivers authority without heaviness and scale without losing focus. It is a loudspeaker for the listener who wants the Element virtues of purity, speed and coherence, but with deeper low-frequency reach and a more expansive acoustic presentation.■

SPECIFICATIONS	ELEMENT 5
Configuration	3-way loudspeaker
Enclosure type	Bass: Hybrid non-compression cabinet
	Midrange: Two ported diffusion chambers
	Tweeter: Sealed chamber
Sensitivity	95 dB - 1 W(2.83 V) @ 1 m
Impedance	Nominal 16 Ω
	Min. 14 Ω @ 20 kHz
	Max. 17 Ω @ 20 Hz
Frequency response	22 Hz (f10) – 40 kHz (33Hz - 40kHz ±3 dB)
Total Harmonic Distortion (THD)	Less than 0.5%
Amplifier recommendation	Tube amplifier: ≥ 60 W per channel in 16 Ω
	Solid-state or digital: ≥ 150W per channel in 8 Ω (75W in 16 Ω)
Weight	66,2 kg / 146 lbs (one cabinet)
Measurements (W/D/H)	282 mm x 425 mm x 1356 mm

Built For Tomorrow:

Future Concepts & Developments

Looking Ahead: The Next Evolution of Sphinx Element.

At Sphinx, innovation is not treated as a moment. It is a continuous process of refinement, discovery and development. The Element Series is the first expression of that renewed direction, but it is only the beginning. It marks the start of a broader journey in which decades of engineering knowledge are being shaped into a new generation of high-performance audio products.

Built on more than five decades of experience across loudspeakers, electronics, cables and system behaviour, Sphinx moves forward with a fresh attitude and a clear purpose: to create products in which technical intelligence and musical expression exist in complete balance. Every new development will follow that same belief — that true progress in audio is not achieved by complexity alone, but by deeper understanding, better integration and a

more complete control of every element that shapes the listening experience.

The Element Series lays the foundation for this philosophy. It introduces the design language, the engineering mindset and the acoustic values that will define the future of Sphinx. But the ambition extends beyond these first loudspeakers. Future concepts will continue to explore new ways of improving coherence, realism, scale, and emotional connection.

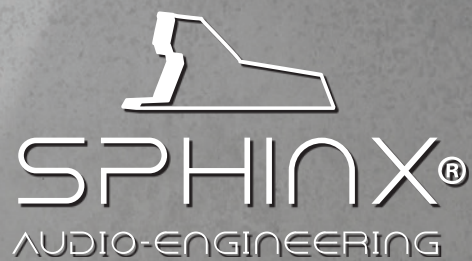
*From a legacy of
knowledge to a future
of possibility, Sphinx
carries the musical
pursuit forward.*

Sphinx is not limited to a single category or a single idea. It is a platform for audio development in its widest sense — one that draws from a unique heritage shaped by Siltech®, Crystal Cable® and HMS Elektronik®, while moving with complete confidence into its own future. From loudspeakers to electronics and beyond, Sphinx Audio will continue to evolve with one aim: to bring listeners closer to the full beauty, energy and meaning of music.

The Element Series is where that future begins.■







Handmade in the Netherlands

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Models and specifications are subject to change without prior notice.