

BØRRESEN
M8
GOLD
SIGNATURE

IN A CLASS OF ITS OWN

Whitepaper • 2026



It's all about the Music

At Børresen, we are driven by an unwavering passion for music. Our philosophy—crafting loudspeakers that deliver authenticity, emotion, musicality, and precision—flows into every detail of our work. Through a series of innovative technological advancements, we offer music lovers an extraordinary listening experience so immersive that the speakers themselves disappear, leaving only the artistry of the music in its purest form.

We're fortunate to live in an era where access to music is more convenient than ever. A wealth of streaming services provides limitless opportunities to explore new genres and discover new artists. As listeners engage with high-resolution formats, many are developing the perceptual sensitivity to appreciate truly exceptional sound quality—a journey that dedicated vinyl and CD enthusiasts have been on for years.

Regardless of the source, high-performance audio equipment is essential for achieving high-quality playback. Loudspeakers, in particular, play a defining role. As the “voice” of any stereo system, they must adapt effortlessly to any musical style and present it faithfully, exactly as the artist intended.

The Børresen M8 Gold Signature loudspeakers rise to this challenge with remarkable capability. Whether portraying intimate acoustic ensembles, energetic rock performances, or grand orchestral works, they handle even the most demanding music with grace, authority, and ease. That is our promise to you—nothing less.

The Curiosity That Drives Us

At Børresen, we are guided by curiosity and an unrelenting drive to achieve the extraordinary, we continually explore new ways to push the boundaries of what's possible. We believe that meticulously engineered drivers and crossovers, supported by acoustically optimized cabinets and anti-resonance components, can deliver spectacular sonic results—within an elegant, refined form that feels at home in any living space. Our goal is performance without visual intimidation; sophistication without excess.

The Børresen M8 Gold Signature flagship loudspeaker stands as a definitive expression of this philosophy—one that also resonates throughout every model in our range. It represents the absolute pinnacle of our craft and embodies more than a decade of accumulated engineering insight and manufacturing expertise, refined since the release of our very first loudspeaker.

In this Statement Paper, we delve into the story of the Børresen M8 Gold Signature: its conceptual foundations, design principles, and the engineering decisions that shaped its creation. We share the challenges we faced, the innovations that emerged, and the ways in which we re-examined every existing technology—turning assumptions upside down—to make room for our most ambitious and uncompromising loudspeaker yet.

The Børresen M8 Gold Signature seamlessly fuses visual elegance with acoustic precision. Every element of its form is crafted to integrate naturally with the room's acoustics, delivering a musical experience as effortless and authentic as its design.

Made in Denmark

In-house Production

Our factory in Aalborg, Denmark, is a continuously expanding hub of innovation and craftsmanship. Over the years, we have invested in advanced manufacturing technologies, including cryogenic processing vats, precision CNC milling machines, smelting furnaces, and sophisticated assembly lines. These tools, combined with the expertise of our highly trained specialists, enable us to execute even the most complex tasks with uncompromising precision. Every element of our facility serves one purpose: to craft products whose performance is truly second to none.

Outsourcing

We also recognize that true excellence comes from focus. While we excel at designing and building world-class loudspeakers, we have no ambition to master every single production process ourselves. That's why we deliberately choose to outsource specific components and services to trusted partners. Our engineers and designers carefully select technologically advanced subcontractors who share our commitment to quality, professionalism, and precision.

The expertise of these collaborators gives us the perfect foundation to do what we do best: invent and create exceptional loudspeakers—always in service of the music.



The Seven Foundations of Børresen Loudspeaker Technology

Exceptional loudspeakers are never the result of chance. They emerge from meticulous engineering—an ongoing pursuit of solutions to complex challenges encountered throughout research and development. At Børresen, we continually refine and innovate to overcome well-known limitations, establishing robust acoustic and mechanical principles that serve as the backbone of our designs.

The following seven foundations are essential to realizing this vision:

1. State-of-the-Art Driver Technologies

- The Patented Iron-Free Magnet Motor
- The Basket
- The Membrane
- The Tweeter

2. Advanced Cabinet Construction

3. Folded Dipole Bass

4. Unique Crossover Topology

- Bi-amped With Care

5. Noise Rejection

6. Mechanical Grounding

7. Meticulous Quality Control





State-of-the-Art Driver Technologies

The Patented Iron-Free Magnet Motor

When Michael Børresen identified that the presence of iron in a driver's magnetic system caused the voice coil to respond sluggishly due to high inductance, he set out to eliminate iron entirely from the motor. This was far easier said than done. Removing all iron from a standard magnet system also removes the conventional means to direct magnetic flux where needed. To overcome this, the entire motor had to be redesigned from scratch, and new methods for guiding flux had to be invented.

Instead of a single permanent magnet, Michael designed a structure based on four neodymium (N52) rings: two outer and two inner, arranged in mirrored pairs aligned to repel each other. These magnets are compressed to evenly distribute magnetic flux in the gap. The result: two large magnet rings surrounding the voice coil and two smaller ones inside it. The narrow space between these four magnets forms the voice coil gap, directing flux precisely without conventional iron pole pieces.

Michael's patented iron-free magnet alignment system is perfectly symmetrical, generating a homogeneous magnetic field that ensures linear voice-coil movement at every position within the gap. The magnetic field strength between the inner and outer rings remains equal to that between the paired magnets at the coil's idle state. If employing four magnets instead of one is the price of completely eliminating conventional iron components—and fully realizing the resulting performance benefits—then it is a price worth paying.

To manage the immense repelling forces between the two magnet pairs, two non-magnetic, cryo-processed silver rings — one internal, one external — are inserted between them. These in-house cast components preserve the motor's cylindrical shape and uniform gap without additional profiling. Silver's excellent conductivity supports heat dissipation and resists changes in magnetic flux. As the voice coil attempts to alter the flux, eddy currents induced in the silver rings counteract the change, stabilizing the system.

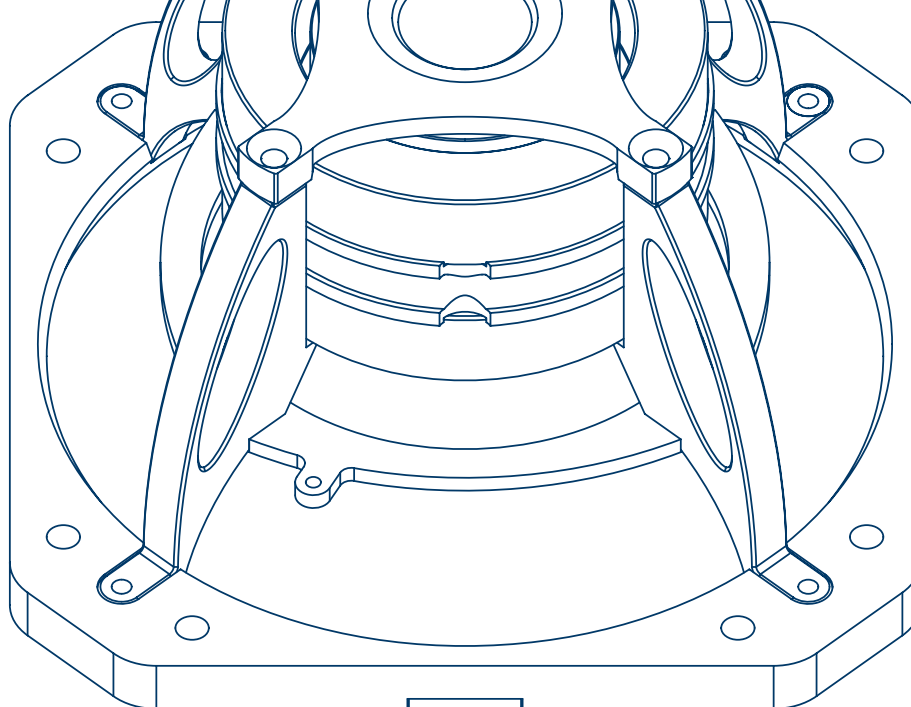
The stronger a material conducts, the more pronounced the Lenz effect. In theory, a perfect superconductor, which has no resistance, would levitate in a magnetic field because the induced currents perfectly counteract flux changes. While superconductors are impractical under normal conditions, silver — the most conductive practical material available — significantly reduces flux variation.

In the M-series drivers, the voice coil exhibits an inductance of 0.5 mH in free air. When operating within the gap of our iron-free magnet system, silver pole pieces reduce this value to 0.055 mH, eliminating nearly 90% of flux variation and reducing electromagnetic damping by a factor of ten during playback. With a conductivity 6–8% higher than copper, silver was the optimal material choice prior to the development of the M8 Gold Signature, enabling unprecedented responsiveness.

The difference in inductance between a conventional iron-based motor and our iron-free design is substantial. The lower the magnetic damping on the voice coil, the higher the resolution and midrange clarity. To illustrate: a conventional magnet system is like bouncing a semi-inflated basketball on grass; copper caps improve the bounce by about 25%. Our patented iron-free system with silver pole pieces is like bouncing a fully inflated ball on concrete — far more responsive, controlled, and capable of reproducing every nuance. This is the principle behind our patented magnet system, and it is fully realized in the M-series drivers.

For the Børresen M8 Gold Signature, we returned to the drawing board to develop a pole ring capable of further reducing inductance in the voice coil gap. Building on the proven performance of our cryo-processed silver pole pieces, we explored additional non-magnetic, highly conductive materials. It soon became clear that a single material would not suffice — a hybrid solution was required. Inspired by the Ansuz Gold Signature wiring, we created a copper ring layered with silver and gold, which was then subjected to cryogenic processing.

Although extremely costly to manufacture, this innovative approach not only lowered the inductance beyond our initial targets but also exceeded our performance expectations, delivering unprecedented linearity and responsiveness in the voice coils of drivers used in the M8 Gold Signature.



The Basket

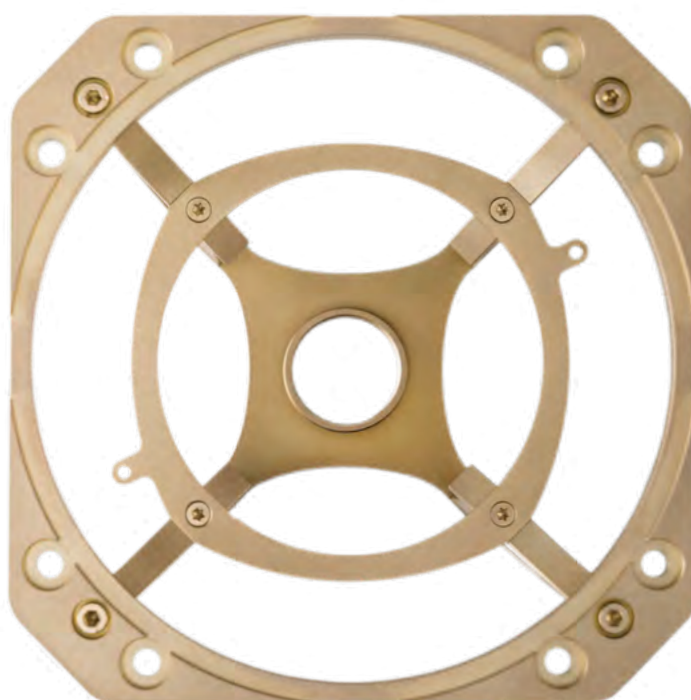
Compression and tension between a driver's magnet system and membrane generate vibrations that travel through the basket, causing distortion and limiting overall performance. At Børresen, we view the basket as far more than just a mount for the membrane — it is a critical structural component that must perfectly support the cone.

An ideal basket rapidly damps the minuscule oscillations produced by the membrane during its excursions. Without this, the basket itself can resonate, producing noise that interferes with the speaker's tonal integrity. To prevent this, the basket must be constructed from rigid materials with exceptional damping properties.

Previous M-series loudspeakers featured baskets manufactured from 3D-printed zirconium, selected for its combination of high structural rigidity and excellent damping characteristics. Using advanced finite element methods (FEM), the basket geometry was computationally refined to avoid obstructing airflow from the

membrane's rear strokes, ensuring acoustic transparency while maximizing performance. The resulting zirconium structures were not only functionally uncompromised, but remain visually unlike anything else in the loudspeaker market today.

For the M8 Gold Signature project, however, we sought to raise the bar even further by developing a basket with even greater damping properties. The challenge proved more complex than anticipated, but we ultimately succeeded. The result is a basket milled from a solid block of austenitic stainless steel, coated with the latest version of Ansoz Signature: a thin, multi-layered treatment of titanium, zirconium, hafnium, and their nitrides, applied across the entire surface to enhance rigidity, damping, and acoustic neutrality. This already highly advanced basket then undergoes extensive cryogenic processing to further optimize its performance and forms the foundation of the IronFree5 Gold Signature midrange drivers and IronFree8 Gold Signature woofers developed specifically for the M8 Gold Signature model.





The Membrane

We believe our transducer diaphragm is the most advanced component of its kind on the market, designed without compromises or limitations. Michael Børresen and his team engineered and tested numerous iterations of this cone to achieve a version with maximum stiffness, minimal distortion, and the lowest possible noise.

The membrane of the IronFree8 Gold Signature woofer used in the M8 Gold Signature is a three-layer laminate: an aramid honeycomb core sandwiched between two carbon fiber skins. This combination delivers exceptional mechanical properties. The carbon fiber layers provide multidirectional stiffness, effectively reducing vibrations and resonances — including oscillations occurring at frequencies well above the driver's operational range. The aramid honeycomb core offers an outstanding stiffness-to-weight ratio in the vertical direction, while graphene and boron whiskers incorporated into the epoxy resin enhance the stiffness of the crosslinks between carbon fibers. This strengthens the bonds, making the entire membrane more rigid and quieter, yet still extremely light.

The cone of the IronFree 5 Gold Signature midrange driver used in the M8 Gold Signature is likewise based on the same three-layer laminate structure. To further optimize its performance, an additional outer layer of titanium is applied, followed by a HI-PIMS (High Power Impulse Magnetron Sputtering) process that deposits ultra-thin layers of zirconium, titanium, hafnium, and their nitrides onto the primary surface. This advanced Ansuz Signature coating significantly increases stiffness and shifts unwanted resonances even further beyond the driver's operational range, ensuring exceptional clarity, speed, and fidelity.



The Tweeter

All Børresen M-series loudspeakers are equipped with the RP94 ribbon tweeter, a highly efficient design operating from 2.5 kHz upward at 94 dB sensitivity. Its aluminium-coated nylon/aramid membrane weighs just 0.01 grams, giving the tweeter exceptionally low moving mass and enabling lightning-fast transient response. Although the motor system is fully hidden, the tweeter remains remarkably robust, maintaining linear behavior under extreme dynamic peaks with no audible distortion or breakup across its range. Its speed and stability are essential for resolving the finest micro-details, and the membrane withstands temperatures up to 600 °C without performance degradation.

The M8 Gold Signature flagship model advances this technology further by employing the RP94 Signature tweeter, featuring a stainless-steel front treated with the Ansuz Signature surface process.

Advanced Cabinet Construction

Loudspeakers are often the largest and most visually prominent elements in an audio system, and their aesthetic quality plays an important role in how naturally they integrate into living spaces. Børresen loud-speakers draw on Nordic furniture design traditions, complemented by a subtle influence of Italian elegance. Beneath their refined exterior, however, lies a structure engineered with clear mechanical intent.

The Børresen M8 Gold Signature incorporates stainless-steel braces along its side panels, significantly reinforcing the enclosure to increase overall rigidity and mechanical stability. Even within the advanced M-series lineup, the M8 Gold Signature stands apart—visually more monolithic, structurally firmer, and more commanding than any previous Børresen loudspeaker.

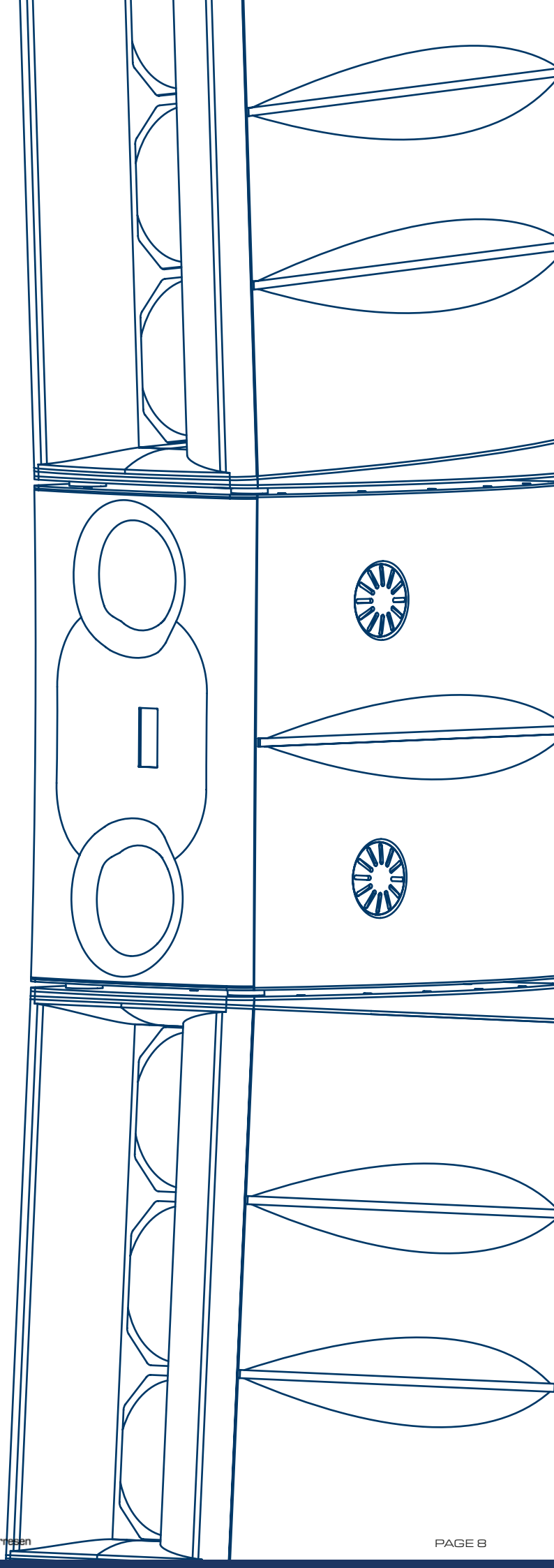
While a loudspeaker enclosure is sometimes regarded as a simple housing for its drivers, its function is far more critical. The cabinet defines the internal loading conditions for the transducers and absorbs the mechanical energy generated by their motion. An ideal enclosure must therefore remain acoustically inert—free from standing waves and mechanical resonances—so that it supports the drivers without introducing coloration of its own.

This requirement underpins the use of exceptionally dense and inert composite materials throughout the M-series. The gently sloped geometry of the enclosure is not only an aesthetic choice but also an acoustic one: by suppressing internal standing waves, it creates an exceptionally neutral, low-noise environment for the transducers, allowing them to operate with maximum linearity and purity.

The central enclosure of the Børresen M8 Gold Signature achieves exceptional acoustic damping and mechanical inertia through a combination of carefully engineered design strategies. Its foundation is constructed from thick, milled hardwood laminates selected for their outstanding natural damping properties. Internally, very thick block-milled wooden supports further stiffen the already rigid structure while also being strategically positioned to enhance internal airflow and optimize acoustic performance. Additional mass loading is provided by the folded dipole bass module mounted above the central enclosure, further stabilizing the cabinet and reducing susceptibility to vibration.

At the rear of the M8 Gold Signature's central cabinet is a series of openings that may resemble conventional bass-reflex ports, yet they function according to an entirely different principle. Rather than being tuned to specific frequencies, these channels are engineered to provide controlled decompression for the drivers, allowing them to operate partly as in a semi-open enclosure and partly as in a sealed cabinet with an exceptionally low decompression ratio. This hybrid loading enables the tweeter and midrange drivers to function linearly within a highly stable acoustic environment.

By avoiding resonance-based tuning altogether, the system enhances openness, soundstage depth, and imaging precision while eliminating the phase anomalies and coloration typically associated with conventionally vented designs.





Folded Dipole Bass

Music is defined as much by transient speed as by frequency, and any speaker must reproduce both with precision. Traditional subwoofers often struggle because they generate bass by compressing air inside an enclosure, producing omnidirectional output that interacts unpredictably with room walls. The result can be boominess, blur, and listening fatigue. Sealed designs reduce these issues but require larger drivers and cabinets to compensate for the lack of venting.

The Børresen BM3 bass module was conceived to overcome these limitations. Inspired by Michael Børresen's early experiments with dipole speakers in the late 1980s, as well as by the tonal richness and effortless air motion of instruments such as the cello, violin, and piano, the objective was to achieve deep, natural bass without pressurizing the room. Michael studied open-baffle designs and bass modules from the golden age of cinema—many of which incorporated horn loading and operated without generating acoustic pressure. This research revealed a clear path: a low-frequency driver could operate effectively in a narrow baffle without a conventional enclosure if it radiated sound in opposite directions, creating a 'figure-eight' cancellation pattern that minimizes sidewall interaction.

The resulting Børresen BM3 bass module uses a folded dipole arrangement with four 8" in-house DCC8 Neo drivers. Mirrored driver pairs share a front opening, while the rear-facing baskets remain open, allowing the cones to move freely in opposite phases. This configuration creates the critical sidewall cancellation zone, reducing boom and blur while delivering fast, precise, and clean bass. Collectively, the four 8" drivers provide a total cone area of approximately 1,296 cm²—exceeding that of a single 15" woofer (~1,140 cm²)—while maintaining a more responsive, low-mass system.

The Børresen M8 Gold Signature builds directly on this principle and elevates it to flagship scale. Each loudspeaker employs a central D'Appolito-style enclosure housing a tweeter and dual midrange drivers, flanked above and below by folded dipole bass modules. The speaker base interfaces exclusively with the lower dipole module, providing structural stability while allowing both bass sections to operate without constraint. Each dipole module contains six 8" drivers, resulting in a total of twelve 8" woofers per loudspeaker. Together, these twelve cones deliver approximately 3,888 cm² of radiating area—equivalent to roughly three and one-third 15" woofers—while retaining a far more compact, low-mass, and highly responsive system architecture.

By extending the BM3 concept to the flagship format, the M8 Gold Signature realizes a new level of low-frequency performance through its two folded dipole bass modules, delivering deep, clean, and lightning-fast bass with minimal room interaction. Combined with the central D'Appolito section handling midrange and high frequencies, these modules form a fully integrated flagship system. In this way, the M8 Gold Signature carries the BM3 principles beyond a standalone module, achieving reference-grade clarity, speed, and authority through the precise synergy of midrange, high-frequency, and dipole sections—a performance benchmark unmatched outside the folded dipole format.

Unique Crossover Topology

In conventional parallel crossover networks, each driver receives its own isolated frequency and phase content. In contrast, many Børresen loudspeakers employ 2nd-order current-diversion crossover networks, which actively shape the current paths through the drivers rather than relying solely on voltage-domain filtering. By routing out-of-band current into controlled impedance branches, these networks minimize reactive energy storage in the drivers and reduce intermodulation artifacts generated by their varying impedance curves. This approach improves phase integrity, lowers distortion, and yields a more linear electromechanical behavior across the crossover region.

Every crossover in our speakers has been meticulously engineered and optimized. The foil coils, wound with paper insulation, are vacuum-impregnated with resin to achieve exceptional mechanical stability. Arrays of copper foil capacitors provide minimal inductance and outstanding mechanical precision, while non-inductive Möbius resistors for the tweeters ensure the lowest possible noise levels and minimal thermal variation.

Even our largest loudspeakers adhere to an exclusive 2.5-way design. Both our drivers and cabinets are purpose-built for this configuration, which effectively eliminates the phase shifts commonly found in conventional 3-way filtering systems. The result is exceptional midrange clarity, tonal saturation, and an enhanced sense of spatial energy that brings the performance vividly to life.

The Børresen M8 Gold Signature goes beyond conventional multi-way loudspeaker architectures. Its core enclosure is a two-way array, augmented by dedicated and highly specialized bass modules that reach their full potential through an external crossover network integrated within Aavik amplifiers. This system-level synergy between the M8 Gold Signature's enclosures defines its character, distinguishing it not only within the Børresen portfolio but also in the wider landscape of high-performance loudspeaker design.

This unconventional architecture necessitates separate amplification for the central enclosure and the bass modules, ideally implemented via external crossover networks to ensure optimal integration and control.



Bi-amped with care

The twin speaker posts on the rear of the Børresen M8 Gold Signature enable bi-amping, allowing the bass and midrange/treble sections to be powered by two independent amplifiers. When connected in this configuration, the M8 Gold Signature not only receives dedicated power for each section, but also delivers sound that is more precise, cleaner, and spatially expansive — exactly as Michael Børresen and his team intended.

While bi-amping increases the complexity of the audio system and requires additional electronics, the sonic benefits make it well worth the effort and investment. Here at Børresen, we have spent a lot of time and resources to make this kind of an audio system very easy to use, and only as large as it has to be.

The M8 Gold Signature has been engineered to perform at its best with Anszu electronics, which feature fully analog, latency-free high-/low-pass crossovers. These circuits allow precise fine-tuning of the M8 Gold Signature, giving full control over bass output and the balance between the twin folded-dipole bass modules and the midrange/treble unit. Each Anszu integrated amplifier includes the required crossover network, meaning that only one additional power amplifier to drive the bass modules is needed to unlock the M8 Gold Signature's full potential and experience this extraordinary loudspeaker at its absolute best.

Noise Rejection

Acoustic, electrical, and airborne (aerial) noise are primary sources of performance degradation in audio reproduction. At Børresen, we maintain that minimizing both internally generated noise and susceptibility to environmental interference is fundamental to achieving maximum resolution, transparency, and overall sound quality. Accordingly, every element of our loudspeakers—from drivers and crossover networks to cabinets and internal wiring—is engineered with noise rejection as a central design principle.

The transducers used in the Børresen M Series incorporate state-of-the-art components throughout: rigid spread-tow carbon-fiber diaphragms with ultra-light Nomex honeycomb cores; a highly optimized second-order current-diversion crossover network; patented iron-free magnet systems with precision-engineered pole pieces; and CNC-milled stainless-steel baskets finished with an Ansuz Signature surface treatment—all of which undergo cryogenic processing. Internal wiring employs Ansuz reference-grade Gold Signature cables. The cabinets are constructed from exceptionally dense, high-grade wood-based laminates, selected for their outstanding damping characteristics.

Within the crossovers, a suite of proprietary technologies—including Active Square Tesla Coils (AST) and Analog Dither Technology (ADT)—works to suppress incoming noise. In addition, Gold Anti-Aerial Resonance Coil (AARC) technology is also integrated into the internal wiring to reduce sensitivity to airborne RF interference. Aside from the M8 Gold Signature's dedicated tweeter stage, every other driver is supported by its own board featuring 28 Gold Tesla Coils, 56 AST units, and two ADT circuits. In addition, each 5" midwoofer and tweeter is connected to six Gold AARCs for further noise immunity.

The active noise-suppression boards built into the M8 Gold Signature can be powered by the included external PSU or, for ultimate performance, by an Ansuz PowerBox, which delivers an ultra-low-noise supply that allows these technologies to operate at their full potential.

Active Square Tesla Coils (AST)

The Ansuz Tesla Coil principle operates on a double-inverted coil configuration that responds to voltage spikes by instantly generating counter-spikes, effectively neutralizing noise in real time. In its active form, the technology is realized as squared coils spiraled inward and mounted on a circuit board—specifically, the crossover boards within our speakers. Counter-coils are placed on the underside of the same board.

While both passive and active Tesla Coil systems share the same fundamental concept, the active design offers significantly higher noise suppression efficiency, providing a cleaner and more stable signal path.

Analog Dither Technology (ADT)

Originally derived from radar technology, Analog Dither Technology enhances signal integrity by improving signal-to-noise ratio and overall range. In our application, active analog dither circuits are embedded within the crossover boards, emitting precisely defined pulsating signals that both amplify the music signal and eliminate background noise.

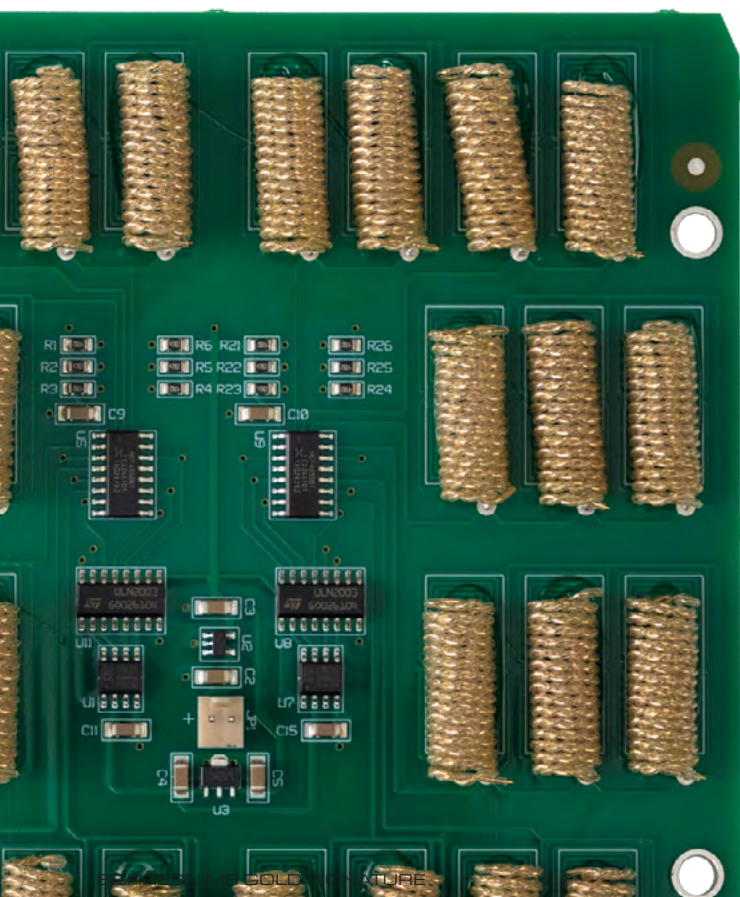
Our ongoing research into ADT has now reached its third generation, with further optimization of operating frequencies. The result is a perceptible increase in soundstage depth, spatial precision, and micro-detail retrieval—bringing listeners even closer to the recorded performance.

Anti-Aerial Resonance Coil Technology (AARC)

All cables and their shielding can act as unintended antennas for airborne RF noise, which impairs signal clarity and tonal authenticity. The Anti-Aerial Resonance Coil (AARC) technology counteracts this by absorbing RF noise in one coil and canceling it with a corresponding counter-coil.

Additionally, AARC divides the effective cable length into non-resonant, undefined segments, making it far less susceptible to RF absorption. This prevents such noise from bleeding into the audio system, thereby eliminating the subtle “white noise” that can cloud the purity of sound reproduction.

Every component of the Børresen M8 Gold Signature has been carefully designed and perfected to excel individually. Yet, it is the synergy of these innovations—working together in precise harmony—that ultimately defines the extraordinary performance of our loudspeakers.



Mechanical Grounding

The avoidance of noise in the form of vibrations carried over from the floor to the speaker is essential for its performance.

This is why at Børresen's sister company Ansuz we have developed Darkz anti-vibration devices comprised of ball bearings in-between remarkably hard discs machined from exotic materials of outstanding properties - titanium and zirconium. Their role is to prevent transferring minuscule oscillations from the floor to the speaker enclosure, and to provide a path for minuscule resonances born within its structure itself, due to all the moving parts therein. Darkz devices work by addressing vibrations not directly related to the signal path, which prompts vibration feedback that is audibly beneficial.

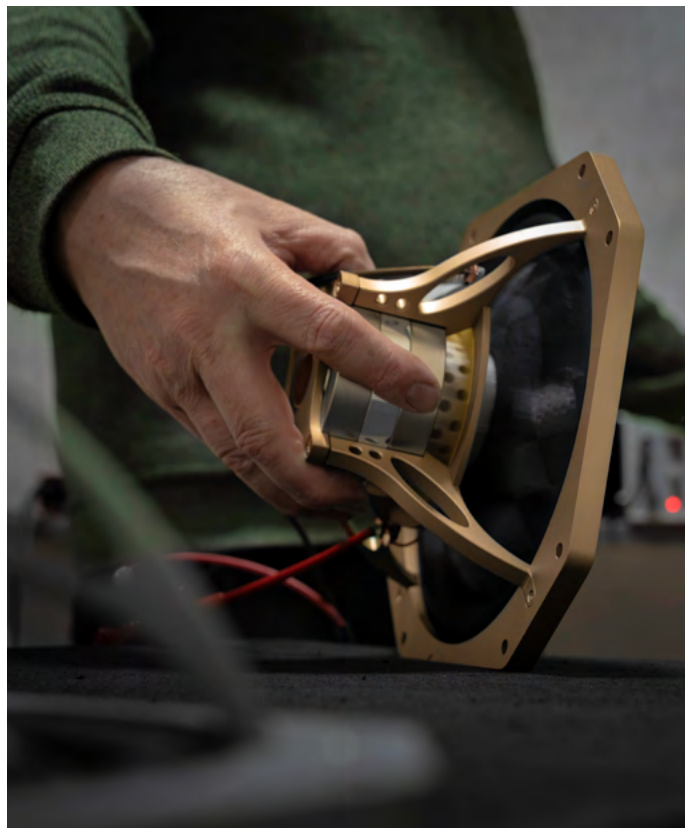
Ansuz Darkz provide a level of resonance control that cannot be addressed through speaker design alone, and we strongly recommend incorporating them into any stereo system. All Børresen loudspeaker bases are engineered to accommodate these decoupling devices, effectively enhancing overall performance. The Børresen M8 Gold Signature comes equipped with the premium Darkz Z3W anti-vibration decoupling accessories—featuring zirconium discs coated with zirconium nitrate and hafnium—strategically placed.

Meticulous Quality Control

Every component in a Børresen speaker is meticulously hand-assembled at our Aalborg facility and inspected, tested and measured at every stage to ensure alignment with the reference model.

Each Børresen design embodies the same guiding principle: to convert an amplifier's electrical signal into sound that is experienced as music — as faithful to a live performance as possible, with all its emotion, passion, dynamics and sense of space.

That's why one of our most important tools is our ears. Every finished M8 Gold Signature loudspeaker is directly compared to the reference model and only leaves our facility when it matches it exactly.





I've carried the vision for the M8 Gold Signature for a very long time. Only now, By uniting our boldest ideas with our most advanced components, including our folded-dipole bass systems, and lifting every limitation, we were finally able to bring it to life. The M8 Gold Signature **demonstrates what becomes possible when we go all in**

—
Michael Børresen,
Co-founder & CTO, Audio Group Denmark

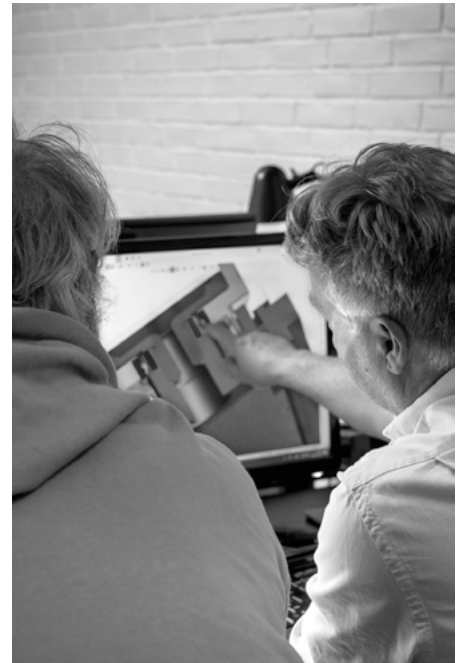
Joint Forces

Flemming Erik Rasmussen joined Audio Group Denmark in May 2021 as a visual design consultant, marking the beginning of a new chapter with the launch of the M-series loudspeakers.

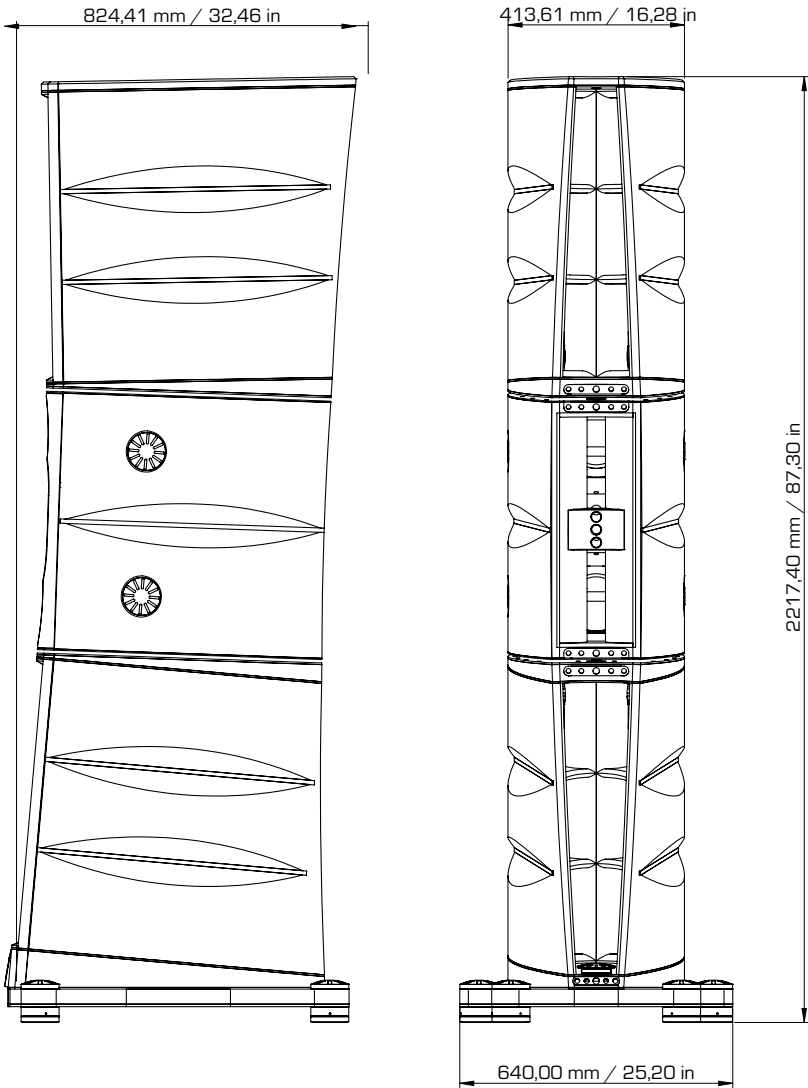
We soon realized that the design and performance of the M-series reflected exactly what our customers had been dreaming of. But we were determined to aim even higher. Motivated to elevate the standards set by the original models, Michael Børresen and Flemming Rasmussen embarked on a demanding mission: to create a flagship loudspeaker that preserved the signature M-series aesthetics while delivering dramatically greater performance.

Once the sketches were completed and the components selected, the engineering battle began—pushing boundaries, refining details, and extracting every possible ounce of capability. The process brought its share of frustration and setbacks, yet also moments of true breakthrough.

The Børresen M8 Gold Signature stands as compelling proof of what such passion, persistence, and uncompromising ambition can achieve.



Dimensions



Specifications

DIMENSIONS (H x W x D)	Height: 2217 mm Width: 640 mm Depth: 824 mm Height: 87.28 in Width: 25.20 in Depth: 32.44 in
WEIGHT	325 kg / 716,5 lbs
FREQUENCY RESPONSE	20 Hz – 50 kHz
CROSSOVER	Mid-bass / Tweeter: 2,400 Hz Bass / Mid-bass & Tweeter: Controlled by external active crossover (not included)
SENSITIVITY	87 dB / 1 W
IMPEDANCE	Bass sections: 5 ohms Mid-bass / Tweeter sections: 8 ohms
RECOMMENDED AMPLIFIER	Bass sections: > 100 W Mid-bass / Tweeter sections: > 100 W
TWEETER	1 × Børresen RP94 Gold Signature Ribbon Planar Tweeter
MIDRANGE / BASS DRIVERS	2 × Børresen IronFree5 Gold Signature
BASS DRIVERS	12 × Børresen IronFree8 Gold Signature
FINISH	Black high-gloss lacquer with carbon details

““““

Two years ago, if someone had asked me what the M8 Gold Signature would look like, I would have imagined it following the same design language as the previous M-series. Today, seeing it in person, I'm delighted that it carries the family's spirit, yet I'm even more thrilled by how distinctly it stands apart. **The M8 Gold Signature is not just another speaker — it's our statement**

—
Flemming Erik Rasmussen,
Design Consultant, Audio Group Denmark

Peak performance. Exceptional styling. Unforgettable experience.

At Børresen, we value our past achievements while remaining firmly focused on what lies ahead. All the effort invested in the M8 Gold Signature has culminated in a design we believe represents the pinnacle of loudspeaker performance. It is both our definitive statement and a truly singular creation—one that stands apart from any other.

Sleek and stylish. Majestic and monolithic. Refined and intelligent. The Børresen M8 Gold Signature distills the full extent of our loudspeaker expertise, defines the path forward, and establishes a benchmark that challenges the very notion of what is possible. Experiencing this unorthodox loudspeaker is unforgettable—it captivates, commands, and refuses to let go. That is our promise.

