

ELAC

CONCENTRO M 807

PREMIUM BINDING POSTS & FLEXIBLE CONNECTIVITY

The gold-plated binding posts ensure an interference-free signal path, while large, black-chrome clamping nuts provide easy handling. The dual binding post design supports single-wiring, bi-wiring, and bi-amping configurations, offering the ultimate in connectivity flexibility.



INNOVATIVE CABINET CONSTRUCTION FOR PURE SOUND

The cabinet's unique design eliminates unwanted resonances by utilizing non-parallel surfaces and six-axis milled reinforcements. This precision engineering prevents internal standing waves, maintaining pure and uncolored sound reproduction.



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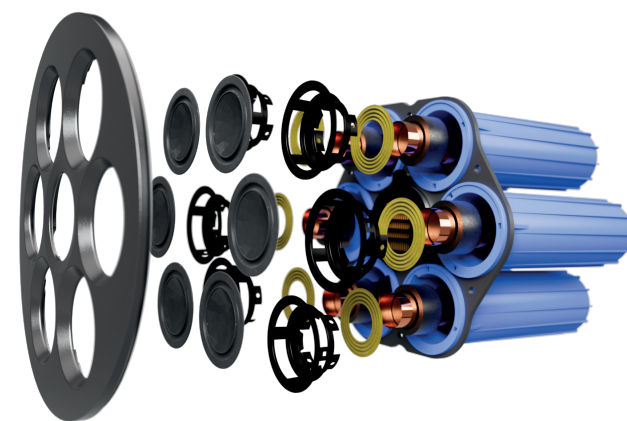
CONCENTRO M 807

PRECISION

ENGINEERED FOR UNRIVALED PERFORMANCE

TECHNICAL DATA

Height	1340 mm
Width	461 mm
Depth	595 mm
Weight	62 kg
Speaker Type	4-Way, Bass Reflex
Woofer	2 x 250 mm Ø, AS Cone
Low-Midrange	2 x 115 mm Ø, AS-XR Cone
High-Midrange	6 x 40 mm Ø, A-XR Cone
Tweeter	JET 6c
Crossover Frequency	150 650 2650 Hz
Nominal Power Handling	300 W
Minimal Impedance	3,1 Ω at 350 Hz
Peak Power Handling	400 W
Frequency Range (IEC 268-5)	24 – 50000 Hz
Sensitivity	88 dB / 2,83 V/m
Suitable for amplifiers from ... to	4 – 8 Ω
Nominal Impedance	4 Ω
Recommended amplifier power	80 – 600 W/Channel
Finishes	Black High Gloss, White High Gloss; Deco Rings in Black or Gray
Accessories	Bi-Wiring-Set, Polishing Cloth, Transport Straps



THE CONCENTRO STORY CONTINUES

Sculptural Design: The CONCENTRO M 807 exemplifies a passion for form, function, and precision detail. Its striking three-dimensional baffle, with flowing contours and sweeping curves, draws the eye and guides it across the speaker's elegant geometry. Angled side panels enhance its refined silhouette, while the sculpted rear and distinctive top panel convey a sense of dynamic motion. The cabinet, available in high-gloss black or white, is meticulously finished and accented with premium aluminum components, either die-cast or precisely milled from solid material.

Exceptional Sound: At the heart of the CONCENTRO M 807 lies ELAC's pioneering VXe (Variable Coaxial Electric) technology. Designed to deliver unmatched clarity and spatial realism, VXe employs a circular array of six ultra-compact A-XR (Aluminum – eXtended Range) midrange drivers. Together, they form an acoustically ideal ring radiator, critical for rendering the nuances of musical space and precise sound localization.



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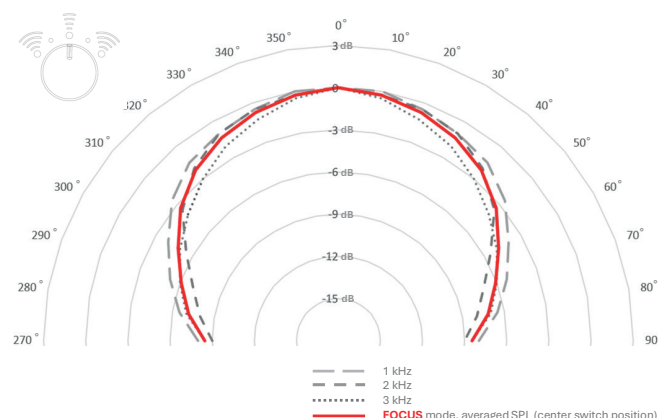


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THE VXe-TECHNOLOGY

Directivity Pattern (horizontal)
Mode: **FOCUS** (center switch position)



The VXe unit works in perfect harmony with ELAC's centrally positioned JET 6c tweeter, creating an advanced concentric mid-high frequency system. A rotary switch on the rear panel allows users to fine-tune the speaker's directivity, adjusting the balance between direct and diffuse sound to suit room acoustics or personal preference.

CONCENTRIC MODE (CENTER POSITION):

All VXe drivers operate in unison, forming a larger virtual point source. This mode increases directivity, focusing the soundstage between the speakers while reducing reflected sound for a more intimate, pinpoint experience.

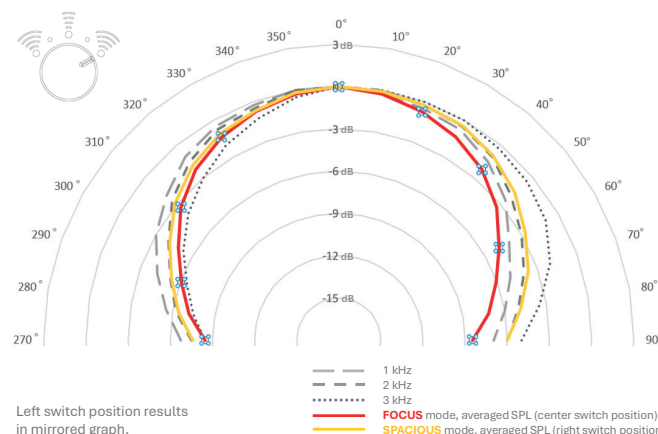
DIFFUSE ENHANCEMENT (OUTER POSITIONS):

When both speakers are set to the outer switch positions, more sound energy radiates outward. This broadens the soundstage, enriches ambient cues, and creates a more immersive and atmospheric experience.

DEPTH EMPHASIS (INNER POSITIONS):

Selecting the inner switch positions focuses energy inward, enhancing depth and dimensionality. The result is a soundstage with increased layering and spatial realism.

Directivity Pattern (horizontal)
Mode: **SPACIOUS** (graph shows right switch position)



Left switch position results in mirrored graph.

TAILORED FLEXIBILITY FOR REAL ROOMS

Rooms are rarely symmetrical, and speaker placement is often subject to compromise. Furniture, reflective surfaces, and architectural quirks can all affect sound quality. The VXe system compensates with unique adaptability: thanks to its phase- and level-consistent direct sound, any combination of switch settings across the left and right speakers remains coherent. With 25 total configuration options per speaker pair, the CONCENTRO M 807 allows you to fine-tune your system like never before. Whether your goal is pinpoint imaging, enveloping atmosphere, or rich spatial depth, these speakers offer a level of customization that ensures a flawless, room-specific, and deeply personal listening experience.



OPTIMIZED SOUNDSTAGE WITH VXe-TECHNOLOGY

The VXe 6 speaker array is uniquely designed to offer a customizable ratio of direct and diffuse sound, allowing listeners to fine-tune their experience.



With a rear-panel switch, users can create symmetrical or asymmetrical radiation characteristics that adapt to room acoustics and personal preference, delivering exceptional spatial depth and clarity.

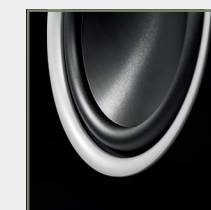
HANDCRAFTED PERFECTION – THE JET 6C TWEETER

Every JET 6c tweeter is meticulously handcrafted to ensure ultra-precise high-frequency reproduction. Its patented design delivers silky, detailed highs extending into the ultrasonic range, ensuring every nuance of the recording is faithfully preserved with stunning accuracy.



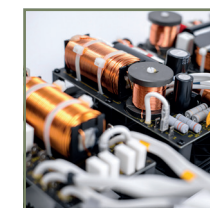
DEEP, POWERFUL BASS – IMPULSE-COMPENSATED WOOFERS

The Concentro M 807 houses dual 250mm (10") high-performance aluminum sandwich woofers, carefully positioned for impulse compensation. This results in deep-reaching, distortion-free bass reproduction, delivering an authoritative yet controlled low-frequency performance.



HIGH-PERFORMANCE CROSSOVER NETWORK

Hidden beneath a sophisticated aluminum exterior, the precision-engineered crossover network ensures optimal phase and level integration. Constructed with premium-grade components such as film capacitors, air coils, and MOX resistors, it guarantees seamless frequency transitions and maximum fidelity.



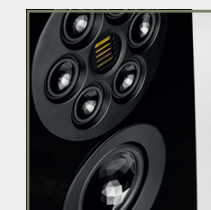
THREE-DIMENSIONAL ACOUSTIC DESIGN



The sculpted cabinet and innovative driver configuration contribute to a remarkably expansive and precise soundstage. The unique shape and design ensure immersive imaging, depth, and pinpoint accuracy, making every listening experience truly lifelike.

BALANCED MIDRANGE PRECISION

Encasing the VXe 6 speaker array are dual 115mm AS-XR low-midrange drivers, designed for high-definition vocal clarity and tonal accuracy. Their rigid yet lightweight aluminum sandwich construction ensures precise, natural sound reproduction — critical for lifelike instrumentals and vocals.



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