

**ELAC** The life of sound.



## Listen and embark upon a whole new era in The Life of Sound.

One look tells you this is no ordinary loudspeaker; at more than 5½-ft tall and weighing more than 300 lbs, Concentro commands attention. Its elliptical cabinet is crafted to the finest furniture-grade perfection and finished in high-gloss white or black epoxy, or to specification in any color in between.

The Concentro cannot be mistaken for any other speaker, with a complex base machined from a single block of aluminum and weighing more than 55 pounds. Integral oval side panels of precious wood, carbon fiber or leather surround a pair of side-firing 250mm woofers on either side of the enclosure. These newly-developed units feature smooth, stiff aluminum-sandwich diaphragms, and fire in a push-push/pull-pull configuration that delivers maximum energy and accuracy, down to the lowest octave.

**Concentro**



**CONCENTRO**  
Defining the future of sound.

**The Concentro is a true benchmark loudspeaker designed to commemorate 90 years of ELAC history and in response to calls for a loudspeaker that rivals—and surpasses—the most ambitious designs in the audiophile landscape today.**

**Concentro Specs**

Tweeter:	JET 5, modified	Recommended amplifier power:	80 - 600 [W/Channel]
Midrange:	70/140 [mm]AS-XR Ring radiator	Suitable for amplifier rated between	4-8 Ω
Midbass:	220 [mm] AS-XR Cone	Rated power (Continuous)	400 [W]
Bass reflex tubes	2 off 120x350 [mm] Cone	Rated power (Dynamic)	600 [W]
Woofer:	4 off 250 AS [mm]	Rated impedance	4 Ω
Bass Loading:	Vented Box	Binding posts:	5-way custom; bi-wirable
Crossover Frequencies	120 / 360 / 2700 [Hz]	Magnetic shielding:	No
Frequency range (IEC 268-5)	18 - 50 000 [Hz]	Weight:	140 [kg]
Sensitivity	90 [dB/2.83V/m]	Dimensions (WxHxD):	460 x 1680 x 610 mm with spikes

**Concentro Features**

**Sophisticated aluminum woofers**

Through the use of aluminum, resonances that affect the linearity of common paper cones can be placed beyond the driver's operating frequency range. The motor structure features a large 3-inch diameter voice coil with oversized magnet and a vented pole piece to increase power handling, for accurate reproduction of bass frequencies that are clean, clear and powerful.

**Crystal membrane driver**

Based on ELAC's Aluminum-Sandwich AS Technology. Resembling the surface of a large crystal, the aluminum-foil stamping stiffens the aluminum dome, diminishing resonances and minimizing coloration, while improving power handling and dynamics. The voice coil design of the drivers results in an expanded frequency range, and driver surround allows for longer cone excursions for truly prodigious volume and lowest distortion, a unique engineering achievement for a driver of its size.

**JET 5 tweeter**

Delivering true high-definition sound, ELAC's JET 5 tweeter entralls with its lightning-fast response and wide dynamic range, offering minimal distortion, lots of headroom and a distinctly wider frequency range than conventional dome tweeters. The ELAC JET tweeter is one of the most legendary tweeters in the industry and has won international praise with its transparent and effortless sound image.

**Complex cabinet structure**

The sophisticated cabinet of Concentro eliminates standing waves and resonances, not just through its sheer mass and the dense MDF material

from which it is made, but because no parallel surfaces exist to excite such distortion. Additionally, midrange/tweeter, mid-bass and bass drivers are separated acoustically from one another with internal baffles that isolate the individual transducers while also helping to strength the enclosure.

**Bi-wiring**

Listeners seeking ultimate treble and bass frequency detail will appreciate two pairs of terminals that offer a convenient solution for bi-wiring or bi-amping the Concentro. These high-quality, gold-plated terminals are suitable for larger cable cross sections as well as for high-quality spade lugs. Unlike so many speakers with awkward terminal locations often feet from the floor, the quartet of posts is generously spaced and located on the flat portion of the Concentro base itself.

**Custom base**

The base of the Concentro is a complex design machined from a single piece of aluminum that has a matt, clear-anodized -finish. Weighing more than 55 lbs, the base employs four adjustable, high-definition spikes for maximum stability and ideal coupling to hard or soft floor surfaces.

**Power handling**

Anyone contemplating a pair of ELAC Concentro loudspeakers is likely to own power amplification commensurate with these state-of-the-art transducers. Even so, the Concentro presents a benign impedance load to most amplifiers, and has good sensitivity that allow it to reach impressive levels with even modestly powered amplifiers. However, high-current, amplifiers with output of at least 100 wpc are recommended to achieve realistic reproduction of uncompressed source material with wide dynamic range.