

CONCENTRO



**ELAC** The life of sound.



# CONCENTRO

ELAC's ultimate statement

**Concentro proves** that the whole can be even greater than the sum of its many state-of-the-art parts. In every respect, this is ELAC's flagship loudspeaker.

**A benchmark to celebrate 90 years of ELAC achievement.**

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.

One look tells you this is no ordinary loudspeaker; at more than 1,67 m tall and weighing more than 152 kg, 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 24 kg. 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. The back of the cabinet features twin ports for the bass drivers.

The sophisticated front baffle features curves that allow optimum propagation and dispersion of sound waves from the two drivers. On top is a dual-concentric 127mm midrange with JET-5 tweeter at its acoustic center. Beneath this is a front-firing 177mm crystal membrane midrange/woofer. The whole results in a near point-source presentation of the sound source, micro-accuracy and flawless, pinpoint imaging. Meanwhile, dynamic range is nearly unlimited,

**ELAC Concentro. Listen and embark upon a whole new era in The Life of Sound.**

A TECHNICAL DREAM –  
crafted without compromise for audiophiles





# CONCENTRO

## technical specifications

Height	1680 mm with spikes
Width	460 mm
Depth	610 mm
Weight	ca. 152 kg
Type	4-Way, bass reflex
Woofers	4x 250 mm Ø AS cone
Midrange Woofer	1x 220 mm Ø AS XR cone
Midrange	1x 70 / 140 mm Ø, AS XR ring radiator
Tweeter	JET 5 Core, modified
Crossover frequency	120 / 360 / 2700 Hz
Nominal power handling	400 W
Peak power handling	600 W
Frequency range (IEC 268-5)	18 – 50000 Hz
Sensitivity	90 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





PERFECTION –  
using the finest materials



### 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. An extended size magnet with vented pole piece increases power handling.



### VX-Technology



The acclaimed drive unit, which combines the renowned JET tweeter with a ring-radiator midrange driver in a concentric arrangement, provides the foundation of these speakers remarkable sound. What sets it apart is the variable X-JET suspension, hence the designation VX-JET. The thinking behind this drive unit draws from the fact that every room presents different acoustic characteristics and that the same loudspeaker will produce different results from one room to another. A mechanism on the rear of the loudspeaker allows for stepless adjustment of the entire drive unit by up to 8 mm in front of and behind the front baffle.



### Crystal membrane midrange and bass drivers



The eye-catching surface of the crystal membrane is more than just an attractive design feature. The midrange/woofers of the Concentro employs the Crystal Membrane (patent pending) and the design is based on ELAC's Aluminum-Sandwich AS Technology. The crystal-shaped inverse aluminum dome is joined to the paper cone in a special gluing process to result in the desired sandwich construction. 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 midrange and bass drivers results in an expanded range of the respective drivers by nearly an octave.







# SUPERLATIVE

a master in every respect

## CONCENTRO

selection panel ●.....

white

black

● panel Carbon

● panel Carbon

● panel Leather

● panel Leather

● panel Macassar

● panel Macassar

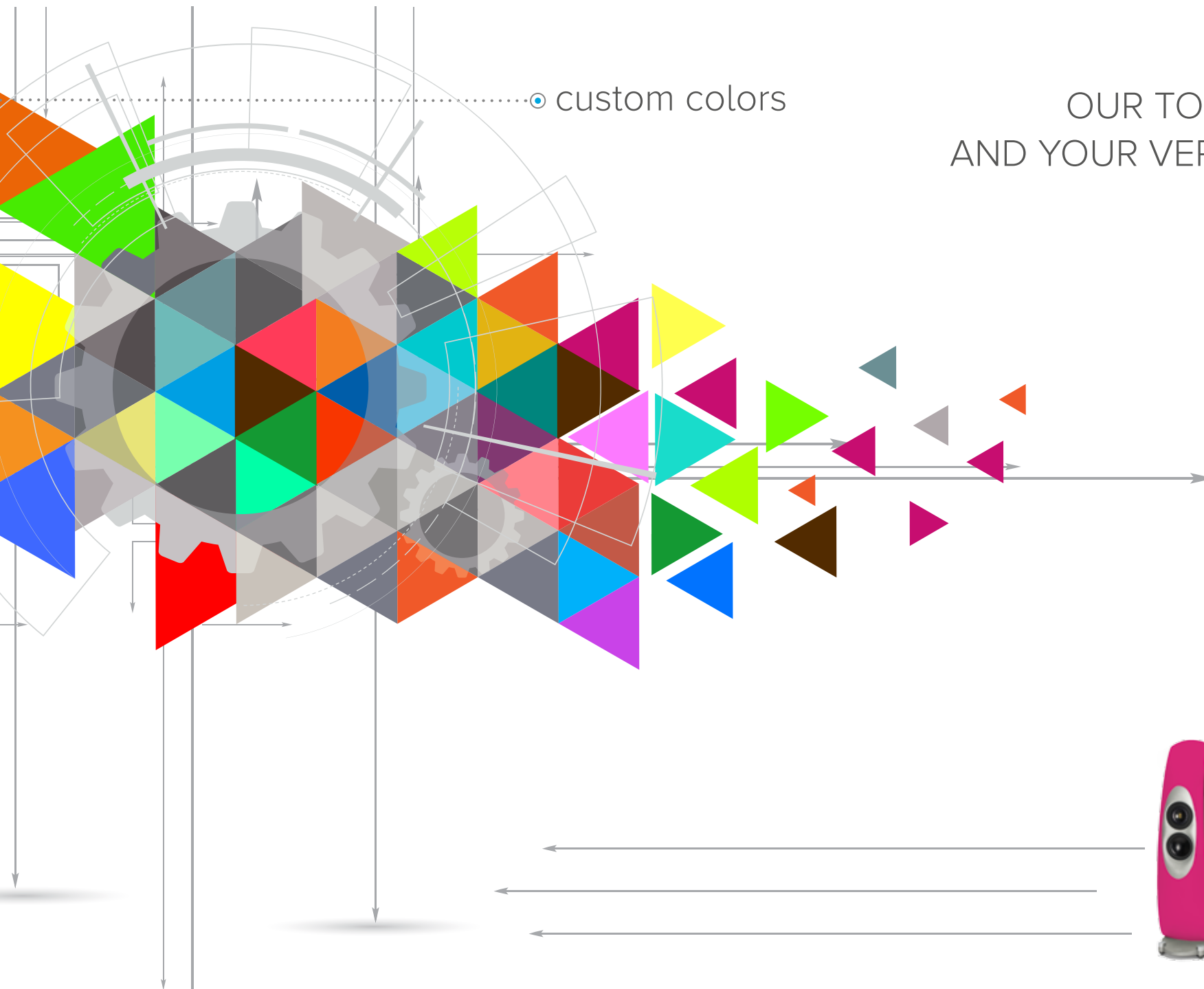
Carbon

Macassar

Leather





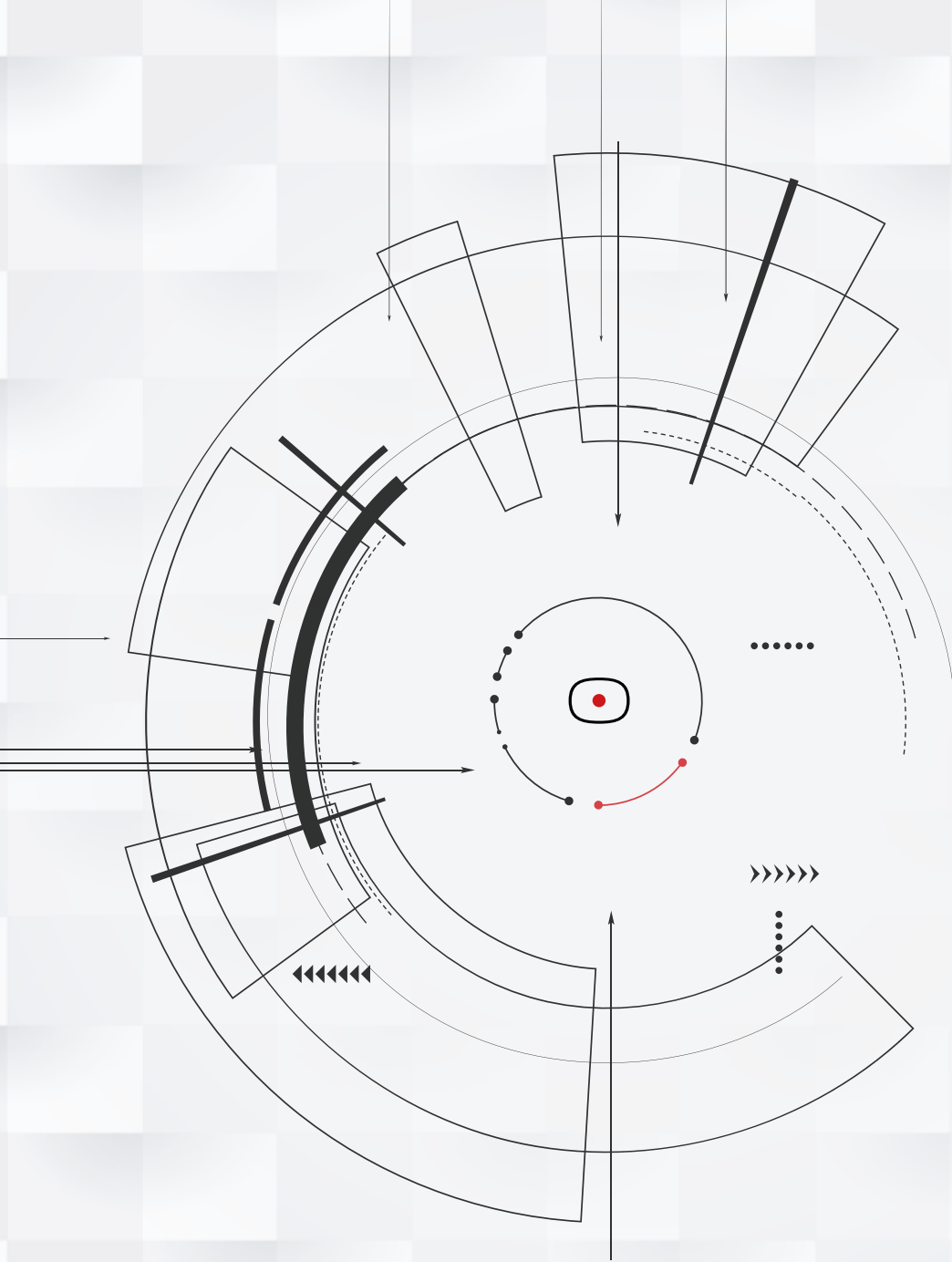


● custom colors

OUR TOUR DE FORCE —  
AND YOUR VERY PERSONAL  
STATEMENT.

Your chassis according to RAL  
colors individually painted for you.





## CONCENTRO

In Italian, „CONCENTRO“ means „FOCUS“ and it marks the culmination of 90 years of experience in loudspeaker design. „CONCENTRO“ also derives from the word „concentric“, which perfectly describes the new coaxial driver used here. Last but not least, the name also encapsulates the word „concert“. As you can see, we had many reasons for choosing this name.



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**ELAC** The life of sound.



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