

## CC 241: Your home cinema centrepiece

For discriminating home cinema fans who do not want to choose between quality sound and interior design; ELAC has developed the CC 241 Centre. In doing so, it has created a compact yet wide bandwidth centre channel with stunning vocal clarity housed in a contemporary high-gloss cabinet, designed to perfectly match modern TVs.

When the CC 241 is used as the centrepiece of a surround sound system the digital AV amplifier's output, should be set to "LARGE". However, should addition bass be required through an active subwoofer the amplifier's output should be set to "SMALL" and the crossover frequency set to a maximum of 50 Hz. If the crossover frequency cannot be set this way, the CC 241 should not be set to "SMALL".

In order to make the sound as true to life as possible, special attention has been given to three-dimensional sound radiation so that the room is acoustically "energised" in a consistent & harmonised way.

To this end, ELAC has developed new transducer systems for the bass and midrange, and has calibrated the crossover frequency to optimise sound radiation characteristics across the entire frequency range. The result is a uniquely precise and musical three dimensional soundscape.

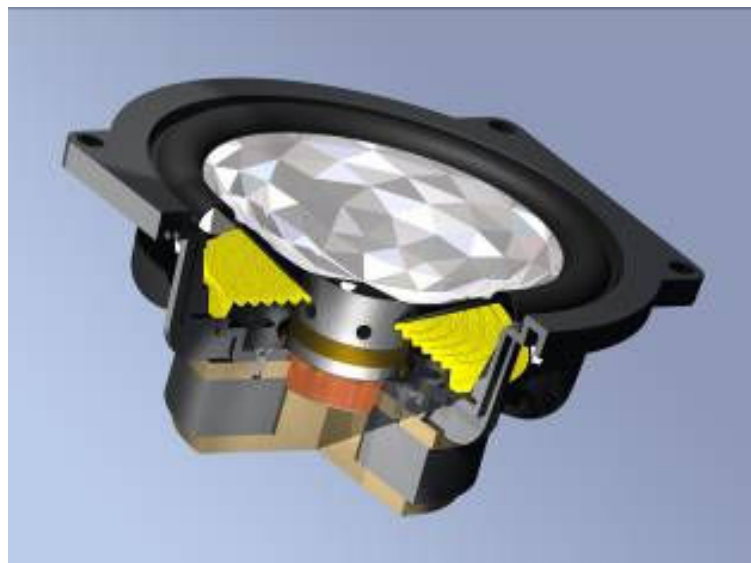


### Technical features and characteristics:

- The design of the new patent-pending woofer is based on the renowned ELAC aluminium sandwich technology which, by combining the different resonant characteristics of cellulose and aluminium, leads to a marked reduction in harmonic vibrations.

The crystal-like surface of the new aluminium membrane catches both the eye & the ear. Harmonic vibrations are significantly reduced by the angled crystalline surface structure. In addition, by using a press formed structure, the membrane is more rigid and has lower distortion which not only prevents partial vibrations in the crossover zone but also reduces harmonic distortion

Due to the high rigidity of the aluminium membrane, it is now possible to attach the solenoid not only to the cone neck but also directly to the aluminium membrane. This significantly extends the cone's bandwidth right across the frequency range giving a noticeably more even & continuous frequency response. This also endows vocals with a smoothness & articulation which is truly riveting.



- In the treble, ELAC uses its class leading JET tweeter, recognised worldwide as one of the very finest available. Its internal design has been reworked, which has resulted in an even more linear frequency response and improved harmonic distortion



- A key new feature is an acoustic tuning element made from porous foam called the “JET DC” (JET Dispersion Control) This allows the treble to be adapted to particular room settings – especially for hall-like spaces with a lot of glass, wood floors, etc. The JET DC incorporates both a directional characteristic as well as a frequency response correction, so that instruments and voices can be pinpointed precisely - even in difficult room settings with many reverberant surfaces.

- The cabinet is ported with a bass reflex tube with optimally curved openings to prevent ventilation noise
- To fine-tune the bass, there is a two-part bass control plug. This allows the bass reflex tube to be closed, in two stages, helping reduce excessive bass caused by room acoustics such as when the speaker is placed near a wall. This allows easy bass adjustment to suit your individual preference.
- High-quality ELAC bi-wiring terminals are used with separate connections for bass and middle/treble drivers. The angled adapter terminations are easily accessible and are especially suitable for larger cables (16 mm<sup>2</sup>) and high-quality spade terminals (e.g. WBT products).



**Versions:** Mocha, Cherry Veneer, Black High Gloss

### Specifications ELAC CC 241

Dimensions			
Height x Width x Depth (with/without frame)	170 x430 x338/350 mm	Crossover Frequency	450/2600 Hz
Weight	10 kg	Nominal Power Handling	110 W
Type	2 1/2-way, bass reflex	Peak Power Handling	140 W
Woofer	2 x150 mm AS-XR cone	Frequency Range	34 - 50000 Hz
Midrange		Sensitivity	89 dB/2.8V/m
Tweeter	JET III	Nominal impedance	4 ohms
Rec. Amplifier Power at nominal impedance	30 – 200 W / Channel	Minimum impedance	3.6 ohms at 190 Hz