

ELAC FS 210 CE: Premiere at High End in Munich 2008



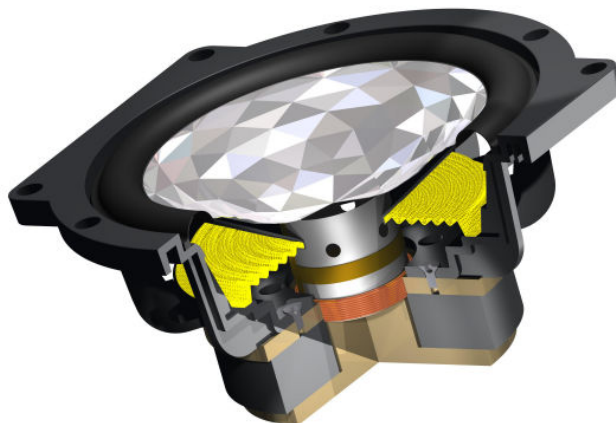
Can you imagine a better location for the debut of a high-end speaker than the best known, most popular and most successful specialist trade fair in Europe? This sets the right tone in the truest sense of the word. High End in Munich offers a wide range of audiophile inspiration. Just right for the launch of ELAC's new FS210 CE.

It is equipped with numerous special technical features such as ELAC's new crystal membranes in the bass range and the widely acknowledged mid-range/treble coaxial technology, the quality of which is praised in tests worldwide. Manufactured in Kiel, the FS 210 CE is a model of high-quality German workmanship.

The sensation of experiencing this authentic, fascinating speaker affects not only the sense of hearing. The majestic speaker towers also make a striking visual impression.

Technical features and benefits:

- The crystal-like surface of the new aluminium sandwich membrane of the woofers is a real eye-catcher. The membranes embossed with crystal make the aluminium speaker cones more rigid and less prone to deformation, which enables even better connection to the speaker coil. That in turn improves the large signal response and extends the frequency range, making the sound experience more precise and natural wherever you happen to be sitting.
- Thanks to the high rigidity of the aluminium membrane of the woofers, it is now possible to attach the speaker coil not only to the neck of the cone but also directly to the aluminium membrane. This significantly extends the frequency range. This wider frequency response makes reproduction considerably more harmonious, particularly for vocals.



ELAC

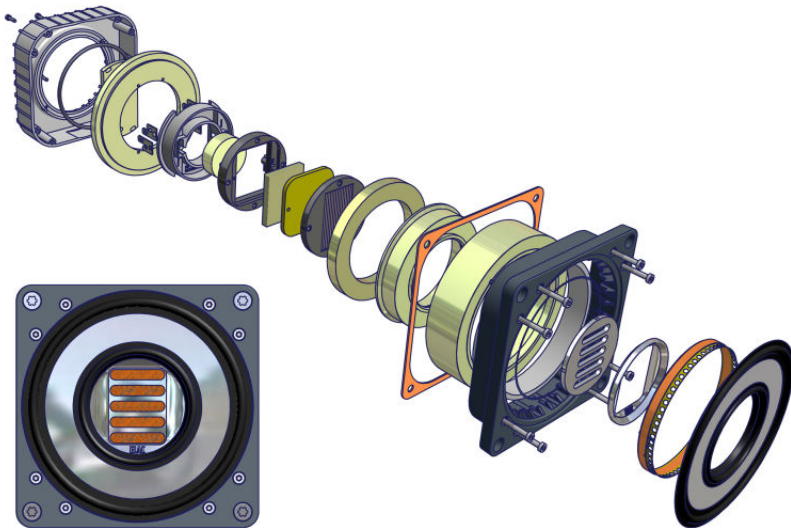
FS 210 CE

Product Information



- **Mid-range/treble chassis using coaxial technology.**

The "X-JET" is a combination of an aluminium honeycomb flat-membrane ring radiator and a JET tweeter aligned concentrically on one level. This technology enables optimised, homogeneous sound distribution in the living area, across the entire auditory range. This result is precise sound reproduction everywhere in the room. The ideal listening zone is significantly enlarged.



The ultra-light flat-membrane ring radiator has a low-leakage flux magnetic system with a powerful neodyme driver. The mid-range system is driven by a 78 mm oscillating coil. The copper-coated flat aluminium wire is wound edgewise on a ventilated Kapton oscillating spool carrier. This results in optimum efficiency.

The JET tweeter system achieves 50 kHz as its upper cut-off frequency, making this speaker particularly suitable for the reproduction of DVD-A and SACD.

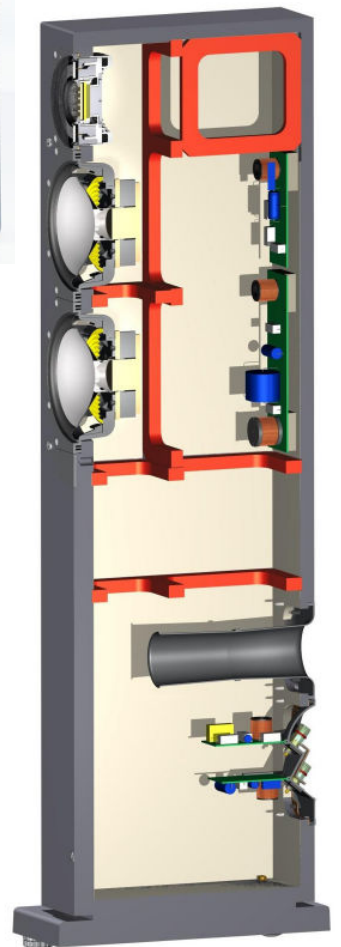
- The bass reflex tube has rounded apertures at both ends to prevent ventilation noise. It will also take the two-part bass-control plug, which can be used to correct the bass reproduction characteristics heightened as a result of the room's acoustics.



- The cabinet is equipped with bracing rings to minimise cabinet resonance.



- To prevent interference between the treble, mid-range and bass sections, the FS 210 CE has a total of four different, spatially separated network circuit boards. The angled cable clamps are easily accessible and are especially suitable for heavier cables (16 mm) and high-quality spade terminals (e.g. WBT products).



- The FS 210 CE features a base plate and height-adjustable ELAC spikes/rubber feet as standard, providing stability on various floor coverings.

Available finishes: High-Gloss Black, Silver Shadow, Titan Shadow, High-Gloss Cherry Veneer

Specifications	FS 210 CE		
Dimensions H x W x D	1114 x 286 x 348 mm	Crossover Frequency	180/550/2,500 Hz
Weight	31 kg	Nominal Power Handling	200 W
Type	3 ½ -way, bass reflex	Peak Power Handling	250 W
Woofers	2 x 180 mm AS-XR cone	Frequency Range	28-50,000 Hz
Mid-range	1 x 105/50 mm aluminium honeycomb flat-membrane ring	Sensitivity	89 dB/2.8V/m
Tweeter	1 x JET III	Nominal Impedance	4 ohms
Rec. Amplifier Power at Nominal Impedance	80 - 400 W per channel	Minimum Impedance	3.3 ohms at 90 Hz