

## Made in Germany: perfect synthesis of sound and design

“CE” stands for “Crystal Edition”, the new crystal-membrane technology that has caused a sensation worldwide. Therefore we decided to also equip the “ELAC 330” with this new award-winning crystal-membrane woofer technology, in addition to all the well-known technological goodies of this ELAC cult speaker like e.g. the JET tweeter.

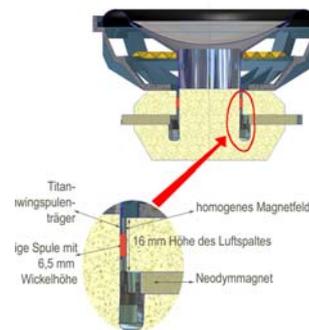
The ELAC 330 CE celebrates its premiere at the IFA trade fair.

Timeless elegance has always made this cult speaker stand out. Where fullness of sound is concerned, the ELAC 330 CE goes way beyond the speaker's physical dimensions, proving that a small speaker can reproduce big sound.

### Technical features of the new ELAC 330 CE:

- The crystal-like surface of the aluminium membrane is eye-catching. Partial vibrations are reduced considerably by the new, angled 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 voice coil 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.
- The LLD-woofer-technology (Long Linear Drive) is also applied. Thanks to the special construction,

which is based on the movement of a short voice coil in a comparatively long air gap (16mm), the bass and midrange are given more depth and power. In this respect, the powerful neodymium driver ensures immense reserves of dynamics and high maximum sound level.



- In the treble range, ELAC applies its globally-recognised JET-tweeter. This has been overhauled, in terms of its internal design, leading to a more linear frequency response and reduced harmonic distortion.
- One interesting aspect is the acoustic tuning element made from porous foam. To be able to adjust to special room settings – particularly reverberant rooms containing a lot of glass, wooden floors, etc. – the “JET DC” (JET Dispersion Control) acoustic tuning spoiler has been developed, incorporating 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.
- As the ELAC 330 CE in practice does not have a baffle, the sound can be emitted from the cabinet in the most impressive way possible: voluminous depth, impressive sound stage and perfect location are the result!
- The solid, extruded aluminium sheath results in an extremely rigid cabinet. This has been improved through the use of a particularly stable aluminium back panel. Resonances within the cabinet – which may cause imperfect sound reproduction – have no chance here.
- The ELAC 330.CE is ideally suitable for use with free-standing speaker stands. A mounting plate is included among the delivered items, with which the 330 CE can be optimally mounted on the ELAC LS 65 speaker stands, which are available as accessories.

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### Finishes: Titan Shadow, White High Gloss, Black High Gloss

Dimensions H x W x D	274 x 188 x 325/345 mm	Crossover frequency	2.900 Hz
Weight	10,5 kg	Nominal power handling	80 W
Gross volume	13.7 l	Peak power handling	120 W
Type	2-way, bass reflex	Frequency range	40-50.000 Hz
Woofer	1 x 180 mm AS-XR cone, LLD	Sensitivity	87,5 dB/2.83V/m
Tweeter	1 x JET-III tweeter	Nominal impedance	4 Ohm
Recommended amplifying power in above mentioned nominal impedance	30-200 W/channel	Minimal impedance	3.8/195 Ohm/Hz