

"...realistic tones, unbridled enthusiasm  
and an enthralling degree of spatiality"



**HECO**

Aleva GT 1002



<b>HiFi Test</b> TV-VIDEO	<b>Top Class</b>	Note
	Price/Performance <b>Excellent</b>	<b>1,1</b>

**HECO**

Lise-Meitner-Str. 9 · 50259 Pulheim · Germany · www.heco-audio.de



HiFi Test  
Edition 3 | 2014

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Highlight

HiFi  
Test  
TV-HIFI

The original version of Heco's Aleva series aroused enthusiasm and excitement, as it combined an elegant design with a premium sound. The new Aleva GT version is set to remain true to these virtues, which have been further refined. The top of the range model in the new series – namely the Aleva GT 1002 – has to live up to this standard.

The Aleva series may not be Heco's premium offering, but its position in the company's range simply seems to be based on its relatively low price. This is because, at first and second glance, the models in the Aleva series seem to feature virtually all of the technology that is used for the company's top-of-the-range "Celan" and "The Statement" series. The Aleva speakers are in no way inferior either when it comes to build quality: their first-class finish and elegant design speak for themselves.



**ALEVA GT** The current Aleva GT series has been further refined compared to its predecessor and is now in its third generation (GT: Generation Three). Its elegant piano lacquer coating – which is optionally available in a high gloss black or white finish – along with the chassis' polished die-cast aluminium baskets immediately catch the eye. Heco's developers have also demonstrated excellent skill in shaping the Aleva GT floorstanding speakers, as the proportions of our top-of-the-range, 1.20 metre tall Aleva GT 1002 are perfect: its slim, elegant and aesthetically pleasing form make the Aleva GT a real feast for the eyes. The slightly rounded edges of the baffles exhibited by the Aleva GT models are acoustically advantageous in that they reduce the sound refractions of the otherwise hard edges. Incidentally, the MDF panels used for the Aleva GT housing are extremely sturdy and, along with the elaborate internal bracing, they

ensure the speakers have extremely low resonance properties – perfect for an unadulterated sound. At the rear of the Aleva GT 1002 is a solid bi-wiring connection panel for the speaker cable and there is even an additional connecting terminal for an optional 3 dB treble boost for a particularly lively sound.

**TECHNOLOGY** All of the chassis used in the Aleva GT 1002 have been redesigned with detailed solutions that are the culmination of many years of research by Heco. All of the woofer cones used have been manufactured from Heco's tried and tested, long-fibre kraft paper, which ensures optimum rigidity and high internal damping. The die-cast aluminium baskets that are utilised for the bass and bass-midrange drivers have also benefitted from cutting edge research – the Aleva GT chassis have been equipped with flow-optimised struts for the magnetic drive mount. The treble range is catered for by a large 28 mm silk compound dome tweeter. This is extremely durable thanks to a ferrofluid cooling element and a double magnet system and it ensures a high level of dynamism over a wide frequency range. Two midrange drivers with 110 mm cones in a D'Appolito configuration around the tweeter take care of the all important presence range. Due to the narrow baffle, which measures just 20 cm wide, no woofer worth its salt could be squeezed into the front of the speaker – which is why Heco has opted to position the 200 mm bass driver in the side wall. In principle, this functions well if you set the crossover frequency rather low like Heco at approx. 170 Hz. The entire speaker assembly now sounds as if cast from a mould – the transition between the bass range and the mid/treble range appears seamless.

**LABORATORY AND PRACTICE** The Aleva GT 1002 revealed its particularly balanced, low distortion properties and high signal fidelity straight away in the acoustic lab. A slight increase of the high frequencies became apparent from approx. 4 kHz, which alludes to a lively and crystal clear sound that is bound to be advantageous for heavily furnished rooms. The low frequency performance generated by the slim 1002 model, which starts gently at 35 Hz and comes into full effect from 50 Hz, was also amazing. Our measurements were accurately

translated into practice thanks to the extremely crisp, impulsive and crystal clear reproduction of the Aleva GT set. ZZ Top's concert, which was recorded live in Texas, was thoroughly compelling thanks to its dynamic soundscape, in which every single beat of the bass drum was felt with full force in the listening room. Heco's Aleva GT 1002 mastered the complex soundtrack of the live recording without ever compromising on the clarity of the vocals. The slight overemphasis in the presence range was handled quite well by the Aleva GT, however, Heco's unit did lose a touch of airiness and clarity; saying that though, it never appeared aggressive or strenuous. The Aleva GT 1002 impressed us most by its realistic tones, unbridled enthusiasm and an enthralling degree of spatiality.

**CONCLUSION** Heco has come up trumps with the latest generation of its tried and tested Aleva series. This Aleva GT 1002 model is extremely impressive with a sensationally good sound in every respect. Heco's set generates a compelling performance with a crystal clear, neutral sound and a dynamic, enthralling character. In addition, the Aleva GT 1002 speakers look astonishingly good, exhibit high quality workmanship and are worth every cent of their recommended retail price. Heco's Aleva GT: an audio and visual highlight for the discerning music lover!

- + Excellent workmanship
- + Lively sound
- + Optional treble boost

<b>Sound</b>	<b>70 %</b>	<b>1,1</b>
<b>Laboratory</b>	<b>15 %</b>	<b>1,1</b>
<b>Practice</b>	<b>15 %</b>	<b>1,1</b>

In the test field:  
HECO Aleva GT 1002  
B&W 683 S2  
Nubert nuLine 84  
Epic Audio SP-216  
Auna Linie-600  
Leema Xen