

GAZEL[®] HIGH END

Patented Loudspeakers & Cables made in Germany



Epoque Reference

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The flagship product of Göbel High End sets the ultimate benchmark for loudspeakers.

The "Carbon Excellence" bending wave driver based on the patented bending wave technology by Göbel is the core of our flagship Epoque Reference.

This "Carbon Excellence" bending wave driver is based on the principals of sound creation through musical instruments and is the result of over 15 years of development that we invested in order to achieve the most natural sound possible.

In order to also achieve an absolute homogeneous sound dispersion and stimulation of the room modes within the low frequency range the Epoque Reference is additionally equipped with 12 custom built 7 inch long throw bass drivers.

These symmetrically arranged bass drivers are specifically located on the front and the back and are impulse compensated to create an absolute smooth transition of the „Carbon Excellence“ bending wave driver's broad frequency range to the low frequencies of the custom built bass drivers.

The purely functional design with the perfectly defined form and the use of specific aluminum alloys together with our special high density composite materials eliminate any diffractions, resonances and energy saving effects.

Göbel High End,
the most advanced loudspeaker technology,
completely designed and manufactured in Germany.





Technical specifications

Principle: Bending wave loudspeaker with impulse compensating passive radiators

Drivers: Patented Göbel Carbon Excellence bending wave driver

4 massive aluminum longthrow bass drivers 7 inch (18 cm)

8 massive aluminum longthrow passive radiators 7 inch (18 cm)

Housing: Acoustically optimized composite materials, massive aluminum acoustic baffles
middle element completely made of massive aluminum

Standard finishes: - High gloss brilliant white with aluminum parts lacquer anodized in natural silver semi gloss
- High gloss brilliant black with aluminum parts lacquer anodized in space grey semi gloss

Impedance: 4 Ohm (Impedance minimum in Single-Wiring: 1,5 ohm at 170 Hz)

Impedance minimum in Bi-Amping: 2,8 ohm at 170 Hz)

Efficiency: 86 dB / 1 W / 1m

Crossover frequency: 170 Hz

Frequency response: 28 Hz - 31.000 Hz

Dispersion range: 180° frontside: 28 Hz - 31.000 Hz rearside: 28 Hz - 4.000 Hz

Dimensions: Total height: 203 (H) cm, Base: 43,6 (W) x 55,7 (D) cm

Weight: 180 kg without packaging

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