

GAZEL® HIGH END

Patented Loudspeakers & Cables made in Germany



Epoque Baforce

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The Epoque Baforce subwoofer is the choice for the ultimate sub-bass reproduction.

In order to achieve an absolute homogeneous sound dispersion and stimulation of the room modes within the sub-bass frequency range the subwoofer Epoque Baforce is furnished with 16 custom built 9 inch long throw bass drivers which are arranged in a specific array.

These symmetrically arranged bass drivers are located on the left side and right side of the enclosure and are impulse compensated.

Do to this particular impulse compensated array of the bass drivers and that each of this custom built bass drivers is mounted in its own sealed chamber, an ideal impulse behavior, best possible control and therefore the fastest possible bass response is guaranteed.

The Epoque Baforce series can be ordered in an active version, as well as in a passive version, so the customers have the choice using their preferred amplification.

In the active version, each bass driver has it's own 250 Watt amplifier, so 16 x 250 Watt generate full 4000 Watt. The massively oversized power supply can shortly deliver 4 times higher peak current as the amplifiers will need at maximum level. Always controlled by a micro controller to permanently have monitored secured conditions.

Everything mounted in the loudspeaker foot, which is milled out of a full block of a specific aluminum alloy in order get the perfect control over EMI, crosstalk, heat dispersion and resonance patterns.

The crossover / controller of the Epoque Baforce is always excluded and is available from us as the unit called "Epoque Baforce Controller". We deliberately outsourced the totally analog high end active crossover / controller in an external enclosure, so the small signals are not influenced by the massively current / voltage of the amp / power section, as well as from their mechanical resonances and hugely magnetic fields.

The purely functional design with well-defined shaping's and the use of specific aluminum alloys together with our special high density composite materials eliminate any diffractions, resonances and energy saving effects from the outset.

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





Technical specifications

Epoque Baforce

Principle: Closed chamber in a special array

Drivers: 16 massive 9 inch aluminum longthrow sub-bass drivers

Housing: Acoustical optimized multilayered composite material

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

Frequency response: 15 Hz (low frequency CUT OFF) - 80 Hz (high frequency CUT OFF)

Dimensions: Total height: 216 cm, base plate: 52,5 cm width x 65,5 cm depth

Passive Version

Impedance: 4 Ohm

Weight without packaging: 335 Kg - Weight including flight case packaging: 375 Kg

Active Version

Total output power: 16 x 250 Watt at 1% THD = 4.000 Watt at 1% THD total

Weight without packaging: 355 Kg - Weight including flight case packaging: 395 Kg

Epoque Baforce Controller:

Principle: Active Subwoofer Crossover / Controller

Technical design: Completely Analog and Symmetrical

2 Outputs for connecting up to 2 Subwoofers simultaneously

Standard finishes: - Lacquer anodized in natural silver semi gloss
- Lacquer anodized in space grey semi gloss

Adjustable parameters of the controller:

- Level (stepless adjustable)
- Low Frequency CUT OFF: 15 Hz - 35 Hz (stepless adjustable)
- Low Frequency CUT OFF Q-SELECTION: 0,7 - 4 (stepless adjustable)
- High Frequency CUT OFF: 50 Hz - 100 Hz (stepless adjustable)
- PHASE: 0°, 180°
- Low Frequency CUT OFF for the MAIN-OUT: Linear, 50 Hz, 80 Hz

Dimensions: 32 cm width x 22 cm depth x 5,4 cm height

Weight: 6 Kg without packaging

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