

MEET THE TWINS

SAME LOOK...

...DIFFERENT CHARACTER



ADAMANTIS

Passive three-way, three-driver, floor standing loudspeaker with a front reflex port.

ENSIUM

Bass-assisted three-way, three-driver, floor standing loudspeaker with a front reflex port. 500W on-board amplifier and ARPEC™ system for optimal room and placement behavior, fully in the analog domain.

TECHNOLOGY: NANOTECH CABINETS

Diluvite is a proprietary Nanotech material developed by Aequo Audio. It pushes the boundaries of modern cabinet design far beyond current limitations. This unique Nanotech metal matrix composite is cast into very complex cabinets, creating a new paradigm in loudspeaker cabinet technology.

Properties:

- Turns vibration into heat: minimizing unwanted resonances.
- 2 times stiffer than aluminum and 10 times better damping.
- Same high damping from 1 Hz to 100.000 Hz.
- Castable: making very complex design shapes possible.
- The absence of unwanted resonances have an incredible impact on the emotional message delivered.

TECHNOLOGY: ARPEC™ SYSTEM

Ensiium is equipped with a unique analog room adjustment system. The incoming full-range signal is utilized by the analogue ARPEC™ system to add current/amperes (up to 500W) to the input voltage for low/bass frequencies, allowing optimization settings for room-size and placement. Without DSP or any digital component in the signal-line, ARPEC maintains perfect time and phase alignment and improves binaural time alignment in any room.

TECHNOLOGY: EHDL™-SYSTEM

Fast, open, high-resolution, non-fatiguing tweeter system that minimizes reflections on floor and ceiling, creates a wide sweet spot and projects a solid, walk-about holographic soundstage.

PERFORMANCE: EMOTIONAL IMPACT

- The absence of unwanted cabinet resonances have an incredible impact on the emotional message delivered.
- Powerful driver motors for super high speed and resolution across the entire frequency range.
- Low distortion drivers with high-damping materials for superb realism without listening fatigue.
- ARPEC-system with next-level bass control, resulting in impactful low frequency expression.

PERFORMANCE: SOUNDSTAGE & IMAGING

- Low order crossover filter topology
- Perfect phase alignment of all drivers across the entire frequency spectrum
- Driver positioning in cabinet for perfect phase alignment
- Minimized cabinet diffraction resulting in complete disappearance of the speakers.

PERFORMANCE: OPTIMAL ROOM & SYSTEM INTEGRATION

- No rear firing bass ports: eliminating the link between rear-wall positioning and bass performance, making close-to-wall placement possible.
- Minimized reflections on floor and ceiling with EHDL.
- Adjustable tilt to optimize presence at any listening distance.
- High sensitivity ensuring easy amplifier matching, especially on assisted bass and full active speakers.

Aequo Audio

Uncompromised Realism

DESIGN: FORM FOLLOWS FUNCTION

- The Diluvite Nanotech materials brought the freedom of 3D shaping to new heights. It enabled a truly 'form follows function' design method, starting the design with an optimal acoustic shape and perfect driver time alignment, working back without making compromises. The result is a very complex organic shape, with ultra-low baffle diffraction and acoustic/phase/distortion/dynamic linearity levels like never seen before.
- Thanks to the next-level properties of Diluvite, a relatively thin wall thickness can be implemented, resulting in relatively compact speakers given their internal volume, benefiting many acoustic properties.
- Although unintended, the design turned out to be very friendly to all decors, from contemporary to traditional and everything in between.

COLORS & FINISHES

There are four selected colors included in the standard retail price. Next to that, we offer a selection of two wood types for an additional charge that are available in both natural finish and high gloss.

Bespoke wood types and special lacquers are also available.

CONTACT

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SPECS

SIZE | 116 x 52 x 42 cm (h x d x w)
WEIGHT | Approx. 100 kg per speaker
ADAMANTIS ENSITIVITY | 88dB at 4-ohm nominal
ENSIUM SENSITIVITY | 90dB at 8-ohms nominal
ADAMANTIS FREQUENCY RANGE | 20 Hz - 45 kHz (-3 dB in-room response)
ENSIUM FREQUENCY RANGE | 16 Hz - 45 kHz (-3 dB in-room response)
ADAMANTIS IMPEDANCE | 4 ohms nominal (minimum impedance: 3 ohms)
ENSIUM IMPEDANCE | 8 ohms nominal (minimum impedance: 6 ohms)
ADAMANTIS DYNAMIC OUTPUT | Full range linearity-maintained stereo output SPL >116 dB @500W (250W per speaker).
ENSIUM DYNAMIC OUTPUT | Max full range linear SPL depending ARPEC settings typically >116 dB

Service area for filter, amplifier and ARPEC unit, accessible with special key

Optimal acoustic shaped midrange

Turns vibration into heat from 1 to 100kHz

Compressed wool felt and minimal baffle diffraction for total disappearance

Large internal volume relative to total speaker size

Perfect time aligned driver positioning

Front firing bass reflex

Organic shaped bass port tuned on 20 Hz for deep subsonic bass

Tilt adjustable to listening distance