ADVANCED INFORMATION
AE507²

ACOUSTIC ENERGY
for the love of music



The AE507² is an all-new addition to Acoustic Energy's 500 Series, bringing key technologies and engineering principles from the flagship Corinium project to a versatile LCR (Left-Centre-Right) loudspeaker design. Combining advanced driver technology, refined crossover design and improved cabinet engineering, it delivers a substantial step forward in performance while maintaining the musical engagement, dynamics and value that define the range.

At its heart is a new 29mm soft dome tweeter, developed during the Corinium programme and introduced into the 500 Series for the first time. This refined high-frequency driver offers greater detail, openness and naturalness, helping create a more transparent and effortless listening experience.

The carbon fibre bass/mid drivers have also been extensively redesigned, featuring a new shallow-profile cone geometry and an advanced motor system with an ultra-linear inductance profile. Together, these developments reduce distortion and coloration while improving midrange clarity, allowing vocals, dialogue and instruments to be reproduced with greater realism and expression.

A revised crossover network, developed with a focus on low group delay, improves integration between the drive units for better timing, coherence and imaging. The result is a more seamless presentation, whether used in stereo music systems or as part of a high-performance home cinema setup.

The AE507² is housed within Acoustic Energy's proven RSC (Resonance Suppression Composite) cabinet construction, now enhanced with a faceted trapezoidal cabinet design that helps disperse internal reflections and further reduce cabinet coloration. This refined enclosure allows the drive units to perform more accurately, contributing to greater openness and transparency.

Completing the package are a range of premium design upgrades, including refined cabinet styling, premium silicone trims and a subtle screen-printed logo. The result is an elegant and highly versatile loudspeaker that combines sophisticated aesthetics with genuine acoustic advances.

The AE507² delivers significant improvements in clarity, naturalness and overall coherence, embodying the latest Acoustic Energy loudspeaker design philosophy while bringing flagship-derived technology to a compact and flexible LCR format.

Specifications

- **Drive Units:** 125mm, chassis carbon fibre cones
- **Tweeter:** 29mm dome
- **Frequency Range:** 55Hz – 28kHz
- **Sensitivity:** 90dB
- **Power Handling:** 120w
- **Crossover Frequency:** 2.6kHz
- **Impedance:** 8ohms
- **Design:** 2 way / passive radiator
- **Grilles:** Slim, cloth magnetic fit
- **Dimensions (mm):** 200 x 500 x 125 (HxWxD, Horizontal)
- **Weight:** 6.8kg (each)
- **Finishes:** Piano Gloss White, Piano Gloss Black and American Walnut wood veneer

All specifications and images are correct at the time of going to press.
Acoustic Energy withhold the right to change specifications without notice.