ADVANCED INFORMATION
AE520²

ACOUSTIC ENERGY
for the love of music

The AE520² is Acoustic Energy's premium three-way floorstanding loudspeaker in the latest 500 Series, bringing together technologies and engineering principles developed through the flagship Corinium programme. Designed as a complete acoustic system, it combines advanced drive units, a refined crossover and evolved cabinet engineering to deliver exceptional clarity, scale and musical engagement.

At its heart is a 29mm soft dome tweeter derived directly from the Corinium project, delivering greater refinement, detail and openness for a more natural and effortless presentation. The carbon fibre drive units have also been extensively redeveloped, featuring a new shallow-profile cone geometry and an advanced motor system with an ultra-linear inductance profile, reducing coloration and distortion while improving transparency and midrange accuracy.

The crossover network has been comprehensively redesigned with a focus on low group delay, improving timing and phase coherence between the drive units. The result is a more seamless integration across the frequency range, creating a coherent soundstage and a stronger connection to the music.

These developments are housed within Acoustic Energy's proven RSC (Resonance Suppression Composite) cabinet construction, now enhanced by a faceted trapezoidal cabinet design that helps disperse internal reflections and further reduce cabinet coloration. Cabinet, drivers and crossover have been engineered together as a unified system to maximise overall performance.

Premium finishing touches include refined cabinet styling, upgraded solid aluminium feet with black spikes, premium silicone trims and a screen-printed logo, giving the AE520² an appearance that reflects the quality of the engineering within.

The result is a loudspeaker that retains the energy, authority and musical involvement for which the 500 Series is known, while delivering significant advances in transparency, refinement and realism. The AE520² represents the latest evolution of Acoustic Energy loudspeaker design, bringing flagship-inspired technology and performance to the heart of the 500 Series range.



Specifications

- **Drive Units:** 125mm, carbon fibre cone mid, 2 x 165mm, carbon fibre cone bass
- **Tweeter:** 29mm soft dome
- **Frequency Range:** 28Hz - 28kHz (+/- 6dB)
- **Sensitivity:** 92dB
- **Power Handling:** 200w
- **Crossover Frequency:** 220Hz / 3.6kHz
- **Impedance:** 6ohms
- **Design:** 3 way
- **Grilles:** Slim, cloth magnetic fit
- **Dimensions (mm):** 1050 x 185 x 360 (HxWxD, exc. spikes)
- **Spike Thread Size:** M8
- **Weight:** 30kg (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.