

ADVANCED INFORMATION AE309

ACOUSTIC ENERGY
for the love of music

The AE309 is a new slim-line floor-standing loudspeaker with compact dimensions, suitable for medium to large sized rooms. Similar to the AE300 comparison, the AE309 offers higher levels of performance and finish than its 100 Series equivalent.

The AE309 uses two latest generation 130mm mid-bass drive units. Featuring a brand new ceramic aluminium sandwich cone with an ultra-shallow profile and ultra-high force, long throw motor system, this new driver boasts improved dispersion, extended bass slam and overall power handling.

A new 28mm aluminium tweeter has been developed for the 300 Series which offers high power handling and a low fundamental resonance to reduce distortion. However, the main benefit to this new design is the excellent dispersion characteristics thanks to our Wide Dispersion Technology waveguides. The waveguides shape the acoustic output of the tweeter to match the woofer and provide a wider sweet-spot in your listening environment.

The inert, 18mm high density MDF cabinet utilises proprietary bracing technology derived from the award-winning Reference Series, to reduce cabinet colouration and allow the new transducers to breath freely within the listening environment. The slot shaped duct port on the rear of the speaker augments the bass output and has been carefully developed to reduce the effect of air turbulence with a clean, undistorted bass performance. The base of the cabinet is pre-loaded with an inert mass material which adds damping and reduces cabinet colouration. The mass loading coupled with 8mm floor spikes help stability and provide a solid foundation for the drive units to operate without resonances from the cabinet interacting with the floor surface.

The result of this latest drive unit technology and enclosure design is a slim-line, powerful floor-standing loudspeaker for the discerning listener when refined audio quality coupled with elegant aesthetics are paramount.

Finished in a choice of Piano gloss black, white or satin real walnut wood veneer finishes, the AE309 will easily integrate within any home décor.



AE309 Specifications

- Bandwidth: 38Hz -30kHz
- Sensitivity: 89dB
- Peak SBL: 115dB
- Power Handling: 175w
- Crossover frequency: 296Hz / 2.56kHz
- Impedance: 6ohms
- Design: 2.5 way
- Dimensions: 900 x 175 x 280 (HxWxD)
- Weight: 22kg (each)
- Finishes: Piano Gloss Black, Piano Gloss White and Walnut real wood veneer