

Acoustic Energy AE509 Piano Black Podnostojeći Zvučnik

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Proizvođač: Acoustic Energy

Cena: 119.880,00 rsd

Acoustic Energy AE509 Piano Black Podnostojeći Zvučnik

AE509 is a new slim-line floor-standing loudspeaker with compact dimensions, suitable for medium to large sized rooms. Similar to the AE500 comparison, the AE509 offers higher levels of performance and finish than its 300 Series equivalent. The 500 Series features our newly developed carbon fibre tweeters and mid/bass drivers, designed to match the pistonic power and accuracy of our legendary ceramic aluminium drivers but with improved self-damping for a smoother, more transparent sound.

The crossovers use high voltage polypropylene film wound capacitors and air core inductors at critical locations for optimum dispersion through a smaller acoustic source size within the crossover region. The AE509 is a Mid Tweeter Mid/Bass (MTM) driver layout and both models use a 2 way crossover.

Offering unparalleled levels of performance, quality and value the result is an audio product with clean, uncluttered lines delivering a thrilling and powerful presentation discerning Acoustic Energy owners have come to expect for over 30 years.

The slim-line cabinets are finished in Piano Gloss Black, Piano Gloss White or American Walnut wood veneer finishes. Solid Aluminium bars are supplied to ensure rigid floor-coupling and maximum stability, whilst the stiffness of the metal structure reduces the room to speaker interaction.

Drivers

Drivers

The 125mm mid/bass driver includes a new oversized 35mm voice coils for low thermal compression and very high motor force factor, to provide a highly dynamic yet controlled bass response. The woofer has an optimised motor and

suspension system for maximum linearity and lowest distortion ensuring mid-range definition, whilst the lightweight nature of the carbon fibre cone material increases transient speed and clarity.

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Tweeter

The AE500 Series tweeter features a brand new 25mm carbon fibre dome. Carbon fibre is much

lighter and better damped than other typical hard dome materials and

provides a lightning fast, natural sound which will

surprise the listener with its neutrality. The new cast

aluminium WDT waveguide on the high frequency driver is

located close to the mid/bass driver for

optimum dispersion and is extremely stiff to reduce vibration being passed to

the tweeter, ensuring sweet, clear and natural

high

Design

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Grilles

Cabinet

Dimensions (mm)

These unique drivers are housed in our new 18mm

Resistance Suppression Composite (RSC) cabinets,

evolved from the prestigious Reference

Series and featuring the same constrained layer

composite to greatly reduce cabinet acoustic

radiation, which would otherwise colour the

sound.

Bandwidth - 32Hz - 28kHz

Sensitivity - 89dB

Peak SBL - 115dB

Power Handling - 175w

Crossover frequency - 3.1kHz

Impedance - 6ohms

Design - 2 way

Dimensions - 1000 x 185 x 270 (HxWxD, exc. spikes)

Weight - 22kg (each)

125mm carbon fibre cone

25mm carbon fibre dome

32Hz - 28kHz (+/- 6dB)

89dB

115dB

175w

560Hz / 3.1kHz

6ohms

2 way

Slim, cloth magnetic fit

1000 x 185 x 270 (HxWxD, exc. spikes)

22kg (each)