

BANG & OLUFSEN BEOSOUND AMG FOR THE E-CLASS



BANG & OLUFSEN BEOSOUND AMG FOR THE MERCEDES BENZ E-CLASS

A Synthesis of Power and Design

The Bang & Olufsen BeoSound AMG High-End Sound System for the E-Class is a synthesis of unmatched power and seamless, signature Danish design that is a perfect accompaniment to the AMG racing heritage and the E-Class business-class interior. Available in the whole engine line-up this sound system seems to become another success.

Just turn on the system to experience how the 14 fully active loudspeakers and 1200 watts of ICEpower amplifier technology transform the car into your own personal concert. The system has enough power to create a realistic and clear sound that matches that of a movie theatre or live concert.

The Acoustic Lens Technology (ALT), a Bang & Olufsen proprietary technology, guarantees a uniform sound experience regardless of your position in the car by dispersing sound horizontally 180-degrees. This technology improves the overall sense of space and realism, and prevents vertical artefacts (errors during playback).

Bang & Olufsen designers considered every aspect of the E-Class interior before moving the left and right front midrange loudspeakers mounted in the doors to chest level instead of at the traditional foot level. The result of this adjustment is a noticeable enhancement the overall sound performance of the system, further demonstrating the benefits of the synthesis of power and design.

Sound You Must Experience

The Bang & Olufsen BeoSound AMG for the E-Class is equipped with Vehicle Noise Compensation (VNC). This Bang & Olufsen technology uses special cabin-mounted microphones, VNC gathers information about interior and exterior noise and



subtly adjusts the system to maintain a consistent level of performance regardless of changing conditions, such as sudden acceleration and uneven road surfaces.

To further focus the sound, the system has front, rear, and full-vehicle sound modes. A "True Image" menu allows for a "reference" soundstage that is similar to a recording studio and a "surrounding" setting that makes the listener feel like the musician is performing just for him.

Designed to Move You

Designed by acclaimed Bang & Olufsen designer David Lewis, the sound system's superbly crafted aluminium loudspeaker grilles have been precisely drilled, given an anodised finish to withstand the years, and then laser engraved with the Bang & Olufsen logo to create a stylish and refined look that perfectly integrates into the Mercedes E-Class sophisticated business-class interior.

The system hasn't been designed just for your ears, but for your heart and eyes as well. Mounted on the inside bracket of each wing mirror, the system's two acoustic lenses, feature integrated LED lighting that seamlessly shifts between day and night mode and smoothly fades to meet the lighting conditions of the vehicle upon activation, a visually pleasing accompaniment to the system's impressive sound.



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SPEAKERS

14 fully active loudspeakers:

2 x 19 mm tweeters – acoustic lenses with built in lighting (front)

1 x 80 mm centre midrange (front centre)

2 x 80 mm midranges (front door)

2 x 165 mm woofers (front door)

2 x 25 mm tweeters (rear door)

2 x 165 mm woofers (rear door)

2 x 80 mm surround (rear)

1 x 220 mm subwoofers (rear)

DESIGN

Unique aluminium speaker grilles (superbly crafted, precisely drilled and with laser engraved Bang & Olufsen logo)

Bespoke sound design by the acoustic team at Bang & Olufsen

AMPLIFIER

Total System Power 1200 watts at 1% distortion level

14-channel DSP (Digital Signal Processing) Amplifier with 450 watts

5-channel ICEpower® Amplifier with 750 watts

SOUND FEATURES

True-Image™: Proprietary Bang & Olufsen up-mix algorithm for stereo and 5.1 multichannel material

Vehicle Noise Compensation (VNC): Volume levelling dependant on noise, speed and climate control setting

Sound Mode: 'Front', 'Rear' or 'All' passengers