

JBL ES Series Speaker Systems

ES80



High-definition audio with professional credentials

The JBL® ES Series offers a variety of bookshelf, wall-mount and floorstanding loudspeakers, and bring-down-the-house powered subwoofers. With innovative technologies derived directly from JBL Professional equipment, the JBL ES Series delivers powerful, accurate audio performance and brings the legendary JBL sound from concert stages, recording studios and movie theatres to living rooms, dens, bedrooms and patios. And with three finishes to choose from – black, beech and cherry – they're designed to look good anywhere, with a style that equals their substance.

Highlights

- 4-Way Dual 6" (170mm) Floorstanding Loudspeaker
- Ultra-High Frequency (UHF) tweeter expands frequency response up to 40kHz – capable of accurately reproducing high-definition audio
- Elegant Cabinet design with its slender profile and combination of wood-like vinyl with textured high-quality charcoal vinyl

Key Specifications

- Finishes: Cherry, Beech and Black
- 19mm (3/4") Polyester-film ring-radiator ultrahigh-frequency driver with waveguide
- 19mm (3/4") Titanium-laminate-dome high-frequency transducer mounted in Elliptical Oblate Spheroidal™ (EOS) waveguide
- Dual 170mm (6") PolyPlas™-cone low-frequency transducer
- Straight-Line Signal Path™ (SSP) crossover network preserves clarity, detail and dynamics of the original content
- MDF enclosure with low-diffraction Isopower™ baffle and internal bracing
- Dual gold-plated 5-way speaker terminals, bi-wirable
- Rear-firing Freeflow™ flared, tuned port
- Magnetically shield
- Removable feet (Standard rubber feet supply)

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Specifications

- Frequency response (-3dB): 45Hz – 40kHz
- Max. recommended amplifier power*: 200W
- Power handling (continuous/peak): 100W/400W
- Sensitivity (2.83V/1m): 90dB
- Nominal impedance: 8 Ohms
- Crossover frequencies: 700Hz, 3600Hz – 24dB/octave; 12000Hz – 18dB/octave
- Low-frequency transducer: Dual 170mm (6") PolyPlas, shielded
- Midrange transducer: 100mm (4") PolyPlas, shielded
- High-frequency transducer: 19mm (3/4") Titanium-laminate dome, shielded; EOS waveguide
- Ultrahigh-frequency transducer: 19mm (3/4") Polyester-film, ring-radiator, shielded; EOS waveguide
- Dimensions with grille (H x W x D): 1084mm x 223mm x 330mm (42-11/16" x 8-3/4" x 13")
- Weight per speaker: 21kg (46.3lb)

* The maximum recommended amplifier power rating will ensure proper system headroom to allow for occasional peaks. We do not recommend sustained operation at these maximum power levels.

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