



ES 90

JBL® ES Series speaker systems

High-definition audio with professional credentials. The JBL® ES Series offers a variety of bookshelf, wall-mounted 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 two finishes to choose from – black or cherry – they're designed to look good anywhere, with a style that equals their substance.

TECHNICAL SPECIFICATIONS

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|-------------------------------------|--|
| Frequency response (-3dB): | 36Hz – 40kHz |
| Max. recommended amplifier power*: | 225W |
| Power handling (continuous/peak): | 110W/440W |
| Sensitivity (2.83V/1m): | 91dB |
| Nominal impedance: | 8 ohms |
| Crossover frequencies: | 500Hz, 3kHz – 24dB/octave; 12kHz – 18dB/octave |
| Low-frequency transducer: | Dual 200mm (8") PolyPlas™, shielded |
| Midrange transducer: | 100mm (4") PolyPlas, shielded |
| High-frequency transducer: | 19mm (3/4") titanium-laminated 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): | 1,084mm x 260mm x 384mm |
| Weight per speaker: | 24.2kg |

Finishes:



* 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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HIGHLIGHTS

4-way dual 200mm (8") floorstanding loudspeaker

Ultrahigh frequency (UHF) tweeter expands frequency response up to 40kHz – capable of accurately reproducing high-definition audio

Elegant cabinet design with a slender profile and combination of woodlike vinyl with textured high-quality charcoal vinyl

KEY SPECIFICATIONS

- Finishes: cherry or black
- 19mm (3/4") polyester-film ring-radiator ultrahigh-frequency driver with waveguide
- 19mm (3/4") titanium-laminated dome, high-frequency transducer mounted in Elliptical Oblate Spheroidal™ (EOS) waveguide
- Dual 200mm (8") 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 shielded
- Removable feet (standard rubber feet supplied)



HARMAN

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