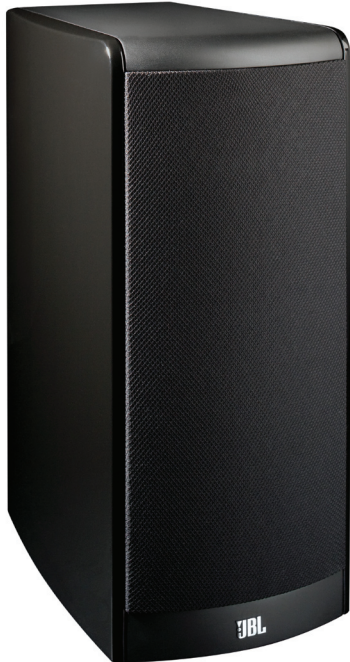


# JBL® LS Series

LS40 – 3-way, 165mm (6-1/2") bookshelf loudspeaker



The LS Series establishes a new standard for high-end JBL® horn-loaded speaker systems. Attention to detail, from exceptional acoustical engineering to high-quality craftsmanship, is a hallmark of the LS Series, which continues the JBL tradition of audio excellence. Each LS Series passive loudspeaker features a compression driver mounted in a patented Bi-Radial® horn, which provides rich, full sound and a defined soundstage. And the LS Series's elegantly proportioned, beautifully crafted cabinets feature high-gloss wood panels in black or mahogany, making them a welcome addition to any décor.

## Highlights

- >> 3-way, 165mm (6-1/2") bookshelf speaker with horn-loaded UHF and HF transducers
- >> Features 176Nd compression driver mounted in a patented JBL Bi-Radial horn
- >> Rich, detailed sound with precise sound imaging
- >> High-quality cabinet with beautifully polished, high-gloss wood panels
- >> Dual gold-plated, binding-post speaker terminals, bi-wirable

## Key Specifications

- >> The compression driver is mounted in a patented JBL Bi-Radial horn for rich, full sound and a defined soundstage
- >> High-quality cabinet
- >> Beautifully polished, high-gloss wood panels
- >> Ultrahigh-frequency transducer: horn-loaded 19mm (3/4") polyester-film ring-radiator with frequency response to 40kHz
- >> High-frequency transducer: 50mm (2") pure-titanium compression driver with diamond surround, powerful neodymium-iron-boron magnet and lightweight aluminum voice coil mounted in a Bi-Radial horn
- >> Low-frequency transducer: 165mm (6-1/2") pulp cone with powerful neodymium-iron-boron magnet and cast-aluminum frame
- >> Dual gold-plated, binding-post speaker terminals, bi-wirable

# JBL® LS Series

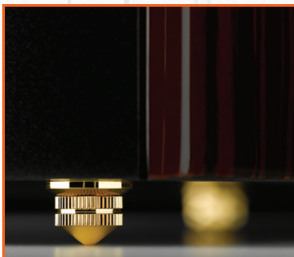


LS40 – 3-way, 165mm (6-1/2") bookshelf loudspeaker

## Specifications

- >> Frequency response (-10dB): 42Hz – 40kHz
- >> Frequency response (-3dB): 50Hz – 38kHz
- >> Power handling (continuous): 75W
- >> Power handling (music): 150W
- >> Power handling (peak): 300W
- >> Max. rec. amplifier power\*: 150W
- >> Sensitivity (2.83V/1m): 87dB
- >> Crossover frequencies: 2.6kHz; 7kHz; 24dB/octave
- >> Nominal impedance: 6 ohms
- >> Low-frequency transducer: 165mm (6-1/2") with cast-aluminum frames
- >> High-frequency transducer: 50mm (2") pure-titanium compression driver; Bi-Radial® horn
- >> Ultrahigh-Frequency Transducer: 19mm (3/4") polyester-film ring-radiator; neodymium magnet; EOS waveguide
- >> Dimensions (H x W x D): 493mm x 222mm x 343mm (19-7/16" x 8-3/4" x 13-1/2")
- >> Dimensions with feet and pad (H x W x D): 499mm x 222mm x 343mm (19-5/8" x 8-3/4" x 13-1/2")
- >> Weight per speaker (net weight): 13.5kg (29.8 lb)

\* 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.



Harman Consumer, Inc.  
8500 Balboa Boulevard, Northridge, CA 91329 USA  
www.jbl.com

 Harman International

© 2010 Harman International Industries, Incorporated. All rights reserved. JBL and Bi-Radial are trademarks of Harman International Industries, Incorporated, registered in the United States and/or other countries.

Features, specifications and appearance are subject to change without notice.