



JBL® LOFT 50

Three-way dual 165mm (6-1/2") floorstanding loudspeaker with triple 100mm (4") midrange drivers and soft-dome high-frequency driver with EOS waveguide

The JBL® brand, a longstanding leader in the music industry, combines affordability and performance in the JBL Loft Series. The JBL Loft 50 floorstanding loudspeakers reproduce all the incredible highs and lows that you'd expect from much bulkier and more expensive speakers. Dual 165mm (6-1/2") woofers mounted on each side of the cabinet allow this speaker to produce thunderous bass. The slim tower design not only looks great in modern home settings, it houses triple midrange drivers and one high-frequency driver at ear level, so you hear all the subtlety of complex musical vocals and dialogue, even at high volumes. All of the drivers are of PolyPlas™ construction, which reduces audio breakup and distortion, and the high-frequency driver integrates an Elliptical Oblate Spheroidal™ (EOS) waveguide, a JBL exclusive technology that delivers consistent sound quality over a wide listening area. A pair of JBL Loft 50 speakers may be all you need to upgrade your audio system from ho-hum to phenomenal.

TECHNICAL SPECIFICATIONS

Low-frequency transducer:	Two 165mm (6-1/2") PolyPlas cones
Midrange transducers:	Three 100mm (4") PolyPlas cones
High-frequency transducer:	25mm (1") soft dome on EOS waveguide
Power handling:	10 – 250 watts
Frequency response:	37Hz – 20kHz
Nominal impedance:	8 ohms
Sensitivity (2.83V/1m):	91dB
Enclosure type:	Ported
Connector type:	Binding post
Dimensions (H x W x D):	1078mm x 180mm x 300mm (42-1/2" x 7-1/8" x 11-7/8")
Weight:	12.5kg (27.5 lb) each

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KEY FEATURES

Dual 165mm (6-1/2") PolyPlas side-mounted low-frequency transducers

- Paper cone reinforced with copolymer for stiffness and surface damping
- Provide coverage for a large seating area
- Produce thunderous bass that is clean and tight
- Minimum breakup and distortion

Triple 100mm (4") PolyPlas midrange transducers

- Paper cones reinforced with copolymer for additional stiffness and surface damping
- Deliver clear movie dialog and music vocals to multiple listeners
- Minimum breakup and distortion for clean, detailed midrange sound

25mm (1") soft-dome high-frequency transducer with EOS waveguide

- High sensitivity and fast transient response
- Improves clarity of sound in complex soundtracks and musical passages
- Reduces distortion for more natural, realistic sound quality
- Elliptical Oblate Spheroidal (EOS) waveguide delivers consistent sound quality over a wide listening area

FreeFlow™ port

- Provides optimal woofer tuning
- Extends bass response, increases output and reduces distortion
- Reduces port noise at high output levels

MDF enclosure

- Rigid, heavily braced design reduces unwanted resonances
- Tower configuration places midrange and high-frequency transducers at ear level

Straight-Line Signal Path™ crossover network

- Provides shortest route from input terminals to transducers for minimal signal loss and high output
- Noise reduction improves sonic detail at quiet listening volumes
- Provides common voicing among all Loft Series models for consistent tonal quality and sound movement from speaker to speaker

KEY BENEFITS

- Binding posts increase connection options
- Clean, powerful bass response at all listening levels
- Crisp, high-impact bass performance
- Clear, detailed sound with very low distortion



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