

JBL 4365 Studio Monitor

The newest iteration of a classic JBL® design

JBL

SYNTHESIS®
by HARMAN



The secret of JBL® performance is actually no secret. Going back as far as the decade of the 1970s, JBL studio monitors have been found in more recording studios than any other loudspeakers, delivering a level of power and realism that music professionals have come to rely upon. Featuring JBL signature technologies that include a compression-driven Bi-Radial® horn and large-format woofer, the JBL 4365 Studio Monitor is engineered for quick, tight bass at all listening levels, a natural, well-focused midrange and clear, distinct highs that extend far beyond the audible range of the human ear. Effortlessly delivering the full bandwidth and dynamics of the newest digital media – without suppression at any listening level – the 4365 reveals subtleties you may never before have experienced in recorded music. Quite simply, the JBL 4365 re-creates the experience of listening to a live performance with uncanny accuracy, exceeding the expectations of critical listeners and music professionals alike.

Features

- ▶ Extremely rigid, heavily braced enclosures of 25mm (1-inch) MDF
- ▶ Dual front-mounted ports for optimal bass response
- ▶ Charge-Coupled Linear Definition™ crossover system for improved dynamics at low listening levels
- ▶ HF and UHF switch attenuators let you tailor high-end output to suit room acoustics or personal preference
- ▶ Bi-wire capability for use with multiple amplifiers

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1501FE Low-Frequency Driver

A 380mm (15-inch), three-layer woofer cone with a 100mm (4-inch) voice coil, damped accordion surround and Vented Gap Cooling™ heat-dissipation technology generate high-impact bass that is extremely faithful to the original input signal.

476Mg High-Frequency Compression Driver

A 100mm (4-inch) magnesium-alloy dome diaphragm with an aluminum voice coil delivers extremely accurate high-frequency performance with minimal distortion and power compression for explosively realistic dynamics at all listening levels.

045Ti-1 Ultrahigh-Frequency Compression Driver

A lightweight, 25mm (1-inch) titanium diaphragm produces realistic dynamics far beyond the range of human hearing, with ultrasmooth response that is ideal for SACD™ (Super Audio CD) and other high-resolution audio formats.

SonoGlass® HF and UHF Horns

Dense, mechanically inert high- and ultrahigh-frequency horns with extremely precise Bi-Radial® horn flares eliminate horn resonances for clear, distortion-free sound. A large HF horn creates a huge, realistic 3-D soundstage.

Technical Specifications

- ▶ Low-frequency transducer: 380mm (15") three-layer cone with a 100mm (4") voice coil, damped accordion surround and Vented Gap Cooling™ heat-dissipation technology
- ▶ High-frequency transducer: 100mm (4") compression driver with magnesium alloy diaphragm and 38mm (1.5") exit
- ▶ Ultrahigh-frequency transducer: 25mm (1") compression driver with titanium diaphragm
- ▶ Recommended amplifier power: 50W – 300W
- ▶ Frequency response: 35Hz – 40kHz (–6dB, anechoic)
- ▶ Nominal impedance: 8 ohms
- ▶ Sensitivity (2.83V/1m): 93dB
- ▶ Crossover frequencies: 750Hz, 15kHz
- ▶ Controls: Switch attenuators for HF and UHF drivers frequency ranges
- ▶ Enclosure type: 25mm (1")-thick MDF stock, dual-ported
- ▶ Connector type: Dual gold-plated binding posts
- ▶ Finish: Walnut, with polyurethane finish
- ▶ Grille color: Monitor blue
- ▶ Dimensions (H x W x D): 1048mm x 597mm x 429mm
- ▶ Weight: 86.2kg

HARMAN

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