



SUMMIT K2

JBL

Introducing

The Summit K2 is JBL's most accomplished 15-inch 3-way floorstanding loudspeaker, built on four generations of Project K2 innovation. It features a newly engineered mid/high-frequency system that combines the output of three patented JBL D2815 1.5-inch dual-diaphragm, dual-motor compression drivers with a patent-pending 3-into-1 expansion manifold, precisely mated to a large-format Sonoglass® High-Definition Imaging (HDI™) horn. This system delivers exceptional detail and clarity across a wide bandwidth, extending from the 1080Hz crossover point to beyond the limits of human hearing.

Anchoring the sound foundation is a 10-inch Differential Drive mid-bass driver and a 15-inch Differential Drive woofer, both with cast frames and JBL's triple-layer Hybrid Carbon Cellulose Composite Cone (HC4). Formed from a proprietary blend of carbon-fiber and pure-pulp outer skins over a closed-cell foam core, HC4 cones provide the optimal stiffness, mass, and structural integrity required for high output, low distortion, and exceptional power handling.

Signal distribution is managed by an advanced MultiCap™ crossover network supporting single-wire, bi-amp/bi-wire, and tri-amp/tri-wire connectivity. By using multiple smaller capacitors, ESR (electro-static resistance) is reduced and energy loss minimized, enabling greater signal transfer, improved dynamics, ultra-low distortion, and enhanced clarity.

All components are housed in a meticulously engineered enclosure with internally offset, multi-braced, damped curved walls to minimize internal standing waves. Finishes include high-gloss black with platinum accents or high-gloss ebony wood veneer with gold accents. JBL | IsoAcoustic® isolation feet further refine performance, reducing vibration for tighter bass, expanded soundstage, and precise imaging.

Highlights

- **3x patented D2815 1.5-inch (38mm) Dual-diaphragm, Dual-motor Compression Drivers are combined in a custom-designed, patent-pending 3-into-1 Constant Expansion Rate / Phase Coherent manifold**
- **Custom High-Definition Imaging (HDI™) Sonoglass® Acoustic Horn**
- **10-inch (250mm) Cast-frame, Differential Drive, Triple-layer Hybrid Carbon Cellulose Composite Cone (HC4) Mid-bass with a Treated-cloth Reverse-Progressive Accordion-edge Surround**
- **15-inch (380mm) Cast-frame, Differential Drive, Triple-layer Hybrid Carbon Cellulose Composite Cone (HC4) Woofer with Half-Forward-Roll Surround**
- **Advanced MultiCap™ Crossover Network with Single-wire, Bi-amp/Bi-wire, and Tri-amp/Tri-wire Connectivity**
- **Finely Crafted and Beautifully Detailed Enclosure with Carbon Fiber Baffle Trim**
- **Soft-curved Cabinet Walls with Heavily Braced and Dampened Construction from sustainably-sourced engineered wood**
- **JBL | IsoAcoustics™ Adjustable Acoustic Isolation Feet**
- **Luxurious High Gloss Finishes with Summit Platinum or Summit Gold**



SUMMIT K2



SUMMIT SERIES



A collection of the finest and most capable loudspeakers ever produced by JBL for residential applications. Developed at JBL's legendary Acoustic Center of Excellence in Northridge, California, each model has been designed and engineered to be the best-in-its-class. Utilizing patented and proprietary acoustic technologies, these loudspeakers attain new heights of high-fidelity sound and render music with clarity, detail, and dynamics like never before.



ISOACOUSTICS
Sound quality by design





SUMMIT K2

Specifications

Description	3-Way, 15-inch (380mm) Floor-standing Reference Loudspeaker
High Frequency Control	High-Definition Imaging (HDI™) Sonoglass® Acoustic Horn
High Frequency Transducer	3x D2815; Dual 1.5-inch (38mm) annular ring Teonex® diaphragms, Dual-motor D2 compression drivers mounted to a 3-into-1 manifold mated to the Summit K2 High-Definition Imaging (HDI™) Horn
Mid-Bass Transducer	JMW250SC 10-Inch (250mm), Triple-Layer Hybrid Carbon Cellulose Composite Cone (HC4) with Dual-Inverted Spiders, a Dual Voice Coil motor, Cast Aluminum Frame, and Treated-Cloth Reverse Progressive Accordion-Edge Surround
Low Frequency Transducer	JW380SC: 15-inch (380mm), Triple-layer Hybrid Carbon Cellulose Composite Cone (HC4) with Dual Inverted Spiders Fore and Aft of the Motor, 4-inch Differential-Drive Dual-Voice Coil Motor, Cast Aluminum Frame, Half-Forward-Roll Surround
Sensitivity (2.83V @ 1m)	92 dB
Recommended Power	25 - 600 Watts RMS
Maximum SPL	119 dB
Frequency Response	18.2Hz – 26.5kHz (-10dB on-axis) 24.6Hz – 23.5kHz (-6dB on-axis)
Impedance	4 Ohms (Nominal) 3.27 Ohms (Minimum @ 86.8Hz)
Crossover	270Hz / 1080Hz / Series MultiCap™ / Acoustically Symmetric 3 rd and 4 th Order 3-way
Internal Wiring	Ohno-Continuous-Cast (OCC) Long-Crystal Oxygen-Free Silver-Plated Copper Wire
Controls	Tri-amp / Tri-wire-Capable with 3 Pairs of Binding Posts
Input Type	Rhodium-Plated, Silver-Coated, Oxygen-Free, Pure Copper Core Binding Posts with a Chrome-Plated Brass Carbon-Fiber Wrapped Shell and Nylon / Glass-Fiber Insulators (3 pairs)
Enclosure Type	Internally Offset Multi-Braced & Damped Pre-Stressed Pressed Curved-Walls made from Sustainably-Sourced Engineered Wood with Multi-Component Lining
Enclosure Tuning	Dual Rear-Flared Bass Ports
Enclosure Finish Options	Black High Gloss (BG) Macassar Ebony Veneer with High Gloss (EG)
Net Dimensions with grille (HxWxD)	50.4" x 25.0" x 18.1" (1280.2mm x 635.3mm x 458.7mm)
Weight (each)	239.0 lbs. (108.4kg)
Shipping Dimensions	59.8" x 35.4" x 37.4" (1520.0mm x 900.0mm x 950.0mm)
Shipping Weight (each)	454.2 lbs. (206kg)