Introducing

The Summit Everest, the flagship expression of the Summit Series, representing over four decades and four generations of Project Everest loudspeaker innovation for the most discerning music enthusiasts. At its core is a newly engineered mid/high-frequency system that integrates three patented JBL D2820 2-inch dual-diaphragm, dual-motor compression drivers, unified through a custom-designed, patent-pending 3-into-1 expansion manifold and seamlessly mated to a large-format Sonoglass® High-Definition Imaging (HDI™) horn. This architecture delivers exceptional detail, clarity, and dynamic precision across an expansive bandwidth, extending from the crossover points to beyond the limits of human hearing.

Anchoring the sound foundation are dual 10-inch cast-frame Differential Drive mid-bass drivers and dual 15-inch cast-frame Differential Drive woofers. Each driver features 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 configurations. By utilizing multiple smaller capacitors to reduce ESR (Equivalent Series Resistance) and minimize energy loss, the network enables greater signal transfer, enhanced dynamic expression, ultra-low distortion, and exceptional clarity.

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

Highlights

- 3x patented D2820 2-inch (50mm) 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
- Dual 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
- Dual 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 detailing

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Features, Specifications subject to change without notice

SUMMIT EVEREST

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

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Specifications

Description	3.5-Way, Dual 15-inch (380mm) Floor-standing Reference Loudspeaker
High Frequency Control	High-Definition Imaging (HDI™) Sonoglass® Acoustic Horn
High Frequency Transducer	3x D2820; Dual 2-inch (50mm) annular ring Teonex® diaphragms, Dual-motor D2 compression drivers mounted to a 3-into-1 manifold mated to the Summit Everest High-Definition Imaging (HDI™) Horn
Mid-Bass Transducer	2x JMW250SC 10-Inch (250mm), Triple-Layer Hybrid Carbon Cellulose Composite Cone (HC4) with Dual-Inverted Spiders, 3-inch Differential Drive, Dual Voice Coil motor, Cast Aluminum Frame, and Treated-Cloth Reverse Progressive Accordion-Edge Surround
Low Frequency Transducer	2x 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)	96 dB
Recommended Power	25 - 1200 Watts RMS
Maximum SPL	126 dB
Frequency Response	18Hz – 23.25kHz (-10dB on-axis) 20Hz – 23kHz (-6dB on-axis)
Impedance	4 Ohms (Nominal) 2.7 Ohms (Minimum @ 86.8Hz)
Crossover	270Hz / 550Hz / 850Hz Series MultiCap™ / Acoustically Symmetric 3rd and 4th Order 3.5-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 with Left/Right Assignment
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)	56.8" x 39.1" x 27.3" (1443.0mm x 992.0mm x 694.5mm)
Weight (each)	523.0 lbs. (237.2kg)
Shipping Dimensions	72.3" x 47.2" x 47.2" (1836.0mm x 1200.0mm x 1200.0mm)
Shipping Weight (each)	1080.3 lbs. (490.0kg)

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