

Introducing

The Summit Ama, a stand-mount loudspeaker built for the discerning music enthusiast. It features a newly designed complement of drivers starting with JBL's D2815K 1.5-inch (38mm) dual-diaphragm, dual-motor compression driver mated to a large format Sonoglass® High-Definition Imaging (HDI™) horn.

Anchoring the sound foundation of Summit Ama is an 8-inch (200mm) cast-frame woofer utilizing a triple-layer Hybrid Carbon Cellulose Composite Cone (HC4), a design made from a proprietary formula of carbon-fiber and pure-pulp front and rear surfaces, sandwiched with an internal core of closed-cell foam. This hybrid cone design provides the proper stiffness, overall mass, and structure to deliver high-output, low distortion, and high-power handling.

Controlling how the signal is distributed to each of the drivers in Summit Ama is a MultiCap™ crossover network with single-wire and bi-amp/bi-wire connectivity. By replacing traditional large capacitors with an increased number of smaller capacitors, this design results in lower ESR (Equivalent Series Resistance) and less energy lost in mechanical movement. All of which results in greater signal throughput to the drivers, increased power handling, enhanced dynamics, ultra-low distortion, and exceptional clarity.

All drivers and crossover components are housed in a beautifully engineered cabinet featuring internally offset multi-braced and damped curved-wall construction to minimize internal cabinet standing waves. Enclosures are offered in a choice of a high-gloss painted black finish with Summit platinum accents or high-gloss ebony wood veneer finish with Summit gold accents. Grounding Summit Ama is a matching dual-leg, internally damped, steel and aluminum floor pedestal fitted with custom-designed JBL | IsoAcoustics® isolation feet that counteract the vibrational forces generated by the drivers, effectively decoupling the loudspeaker from the supporting surface. This isolation contributes to tighter bass performance, a more expansive soundstage, and imaging defined by greater clarity and spatial precision.

Highlights

- **Dual 1.5-Inch (38mm) Annular Ring Teonex® Diaphragms, Dual-Motor D2 Compression Driver Mated to the Summit Ama High-Definition Imaging (HDI™) Sonoglass® High-Frequency Horn**
- **8-inch (200mm), Triple-layer Hybrid Carbon Cellulose Composite Cone (HC4) with Dual Inverted Spiders, 2.5-Inch Voice Coil, Ferrite Motor, Cast Aluminum Frame, and Half-Forward-Roll Surround**
- **MultiCap™ Crossover Network with Single-wire and Bi-Amp/Bi-Wire Connectivity**
- **Frequency Response: 25Hz-33kHz (-10dB) / 34Hz – 25KHz (-6dB)**
- **Soft-curved Cabinet Walls with Heavily Braced and Dampened Construction from sustainably-sourced engineered wood**
- **Internally damped, Dual-Leg Steel and Aluminum Floor Stand with JBL | IsoAcoustics® Adjustable Acoustic Isolation Feet**
- **Luxurious High Gloss Finishes with Summit Platinum or Summit Gold detailing and bespoke Carbon-Fiber Baffle Trim**

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Features, Specifications subject to change without notice

SUMMIT AMA









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	2-Way, 8-inch (200mm) Pedestal-Mount Reference Loudspeaker
High Frequency Control	High-Definition Imaging (HDI™) Sonoglass® Acoustic Horn
High Frequency Transducer	D2815K; Dual 1.5-inch (38mm) Annular Ring Teonex® Diaphragms, Dual-motor D2 Compression Driver Mated to the Summit Ama High-Definition Imaging (HDI™) Horn
Low Frequency Transducer	JW200SC: 8-inch (200mm), Triple-layer Hybrid Carbon Cellulose Composite Cone (HC4) with Dual Inverted Spiders, 2.5-inch Voice Coil, Ferrite Motor, Cast Aluminum Frame, Half-Forward-Roll Surround
Sensitivity (2.83V @ 1m)	84 dB
Recommended Power	25 - 200 Watts RMS
Maximum SPL	107 dB
Frequency Response	25Hz – 33kHz (-10dB on-axis) 34Hz – 25kHz (-6dB on-axis)
Impedance	4 Ohms (Nominal) 3.1 Ohms (Minimum @ 239Hz)
Crossover	1600Hz / Series MultiCap™ / Acoustically Symmetric 3rd Order 2-way
Internal Wiring	Ohno-Continuous-Cast (OCC) Long-Crystal Oxygen-Free Silver-Plated Copper Wire
Controls	Bi-amp / Bi-wire Capable with 2-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 (2 pairs)
Enclosure Type	Internally Offset Multi-Braced & Damped Curved-Wall Made from Sustainably-Sourced Engineered Wood with Multi-Component Lining
Enclosure Tuning	Single Rear-Flared Bass Port
Enclosure Finish Options	Black High Gloss (BG) Ebony Veneer with High Gloss (EG)
Net Dimensions with grille (HxWxD)	Speaker: 18.6" x 12.1" x 13.2" (476.3mm x 308.0mm x 336.0mm) Stand: 21.7" x 16.2" x 16.2" (550.6mm x 412.2mm x 412.2mm)
Weight	Speaker: 58lbs (26.3kg) Stand: 44.4 lbs (20.1kg)
Shipping Dimensions	26.0” x 38.7” x 21.1” (660mm x 982mm x 537mm) Including Grille and Stand
Shipping Weight	126.1 lbs (57.2kg) Including Stand

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