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You can read the recommendations in the user guide, the technical guide or the installation guide for JBL K2 S9800SE. You'll find the answers to all your questions on the JBL K2 S9800SE in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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PROJECT K2®
JBL PROJECT ARRAY™
Advantech



PROJECT K2 S9800SE · S5800 · S4800 **PROJECT ARRAY** 1500 · 1400 · 1000 · 880 · 800



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Manual abstract:

In mountaineering, scaling the Himalayan peak K2 in the Karakoram of Pakistan is such an objective. At 8610 meters, it is the second highest mountain on Earth, and is generally acknowledged to be the most difficult and dangerous ascent of all. Still, many are irresistibly drawn to the challenge. After successfully scaling our equivalent of that formidable mountain, we understand a little more about the complex matrix of motivations and emotions that drives the adventurer. Our K2 was the creation of a loudspeaker that would bring the unique JBL Professional listening experience to the home in an uncompromising form. And with the innovative Project K2 S9800, JBL engineers created a reference loudspeaker system for the 21st century. Now the all-new K2 S9800 Special Edition scales even greater heights. @It's every music lover's dream. @@Taking full advantage of proprietary JBL technologies and six decades of experience in professional and consumer audio, Project K2 embodies all the pride and passion for 25mm (1 Beryllium ") compression driver super tweeter engineering excellence passed down from JBL's founder and namesake, James B. Lansing.

high-frequency system, Project K2 consists of three reference speaker systems capable of delivering the extended musical bandwidth and exceptional dynamic performance demanded by today's advanced digital media. Grace and ease at any listening level Superbly detailed, outstandingly dynamic and capable of breathtaking power, the Project K2 Series will reveal crucial subtleties and emotional elements in your favorite music that you've never experienced before.

@@@The critically acclaimed K2 S5800 uses the advanced components and technologies expressly designed for the K2 Series in the service of your listening pleasure. And by popular demand, the S4800 brings revolutionary K2 sound and styling to small- to medium-sized rooms for superlative fidelity and musical realism. Employing newly developed, cutting-edge technologies, including a next-generation Alnico woofer and a unique dual-compression-driver P R O J E C T K 2 S980 0SE K 2 S580 0 K2 S480 0 SPEC I F I C A T I O N S Do you crave the performance of a full-blooded professional loudspeaker, but refuse to allow "professional" aesthetics to upset your domestic harmony? The solution is simple: JBL Project K2.

Music lovers can now savor the magnificent authority of an orchestra in full flight or experience a rock concert recording at realistic levels through a loudspeaker designed for the home environment. JBL K2 The best of both worlds. K2 S9800SE Description Frequency Response Power Handling K2 S5800 50Hz 40kHz (6dB) 300 Watts RMS 28Hz (10dB) 800Hz, 10kHz 95dB 8 Ohms 1245mm x 432mm x 413mm (49" x 17" x 16-1/4") S4800 55Hz 40kHz (6dB) 300 Watts RMS 55Hz (6dB) 900Hz, 8kHz 93dB 8 Ohms 1067mm x 501mm x 372mm (42" x 19-3/4" x 14-5/8") (height with spike feet 1086mm/42-3/4") 65kg/143 lb 3-Way Floorstanding Speaker 3-Way Floorstanding Speaker 3-Way Floorstanding Speaker 45Hz 50kHz (6dB) 400 Watts RMS 35Hz (10dB) 800Hz, 10kHz 92dB 8 Ohms 1295mm x 508mm x 375mm (51" x 20" x 14-3/4") Bass Extension Crossover Frequencies Sensitivity (2.83V/1m) Nominal Impedance Dimensions (H x W x D) Weight 90kg/198 lb 84kg/185 lb K2 S9800SE BG High-gloss-black zebrawood K2 S9800SE WG High-gloss mahogany K2 S5800 High-gloss cherry S4800 Cherry 7 045Be Compression Driver AluminumAlloy Cover Edge-Wound Voice Coil Phase Plug Stainless-Steel Mounting Bracket 1-Inch (25mm) Pure-Beryllium Diaphragm Gold-Plated Input Terminal 1500AL Low-Frequency Driver Foam Rubber Surround AluminumAlloy Frame Dual, Inverted, Nomex® Spiders Flux-Stabilization Ring Alnico 5DG Magnet Steel- and CopperLaminated Outer-Gap Sleeve Assembly AluminumAlloy Cover Neodymium Magnet Paper-PulpComposite Cone Polepiece 4-Inch (100mm) Voice Coil With Aluminum EdgeWound Wire Motor Pot 435Be Compression Driver Neodymium Magnet AluminumAlloy Cover Phase Plug 3-Inch (75mm) Pure-Beryllium Diaphragm Terminal 5-Way Binding Posts Aluminum Edge-Wound Voice Coil BindingPost Input Terminal P R O J E C T K 2 S980 0SE K 2 S580 0 S480 0 COMPONENTS COME TOGETHER 100 90 80 70 60 50 30 100 1k Hz 10k 20k 50k HF LF UHF In the right hands, a loudspeaker can become so much more than the mere sum of its parts Light yet rigid materials such as titanium, beryllium and aluminum have been carefully selected for the K2 compression drivers for their speed and responsiveness.

@@@A Symmetrical Field Geometry™ (SFG™) circuit creates vertical symmetry and generates a constant magnetic-flux density across the width and length of the voice-coil gap.

The 75mm (3") beryllium (435Be) highfrequency compression driver features an Aquaplas-coated diaphragm and 25mm-throat Bi-Radial® horn. The 25mm (1") beryllium (045Be) super-tweeter compression driver is mounted in a 12.8mm (0.5"), throat Bi-Radial horn. The K2 S9800SE crossover can be bypassed for active bi-amplification via an external crossover. Horns are cast in JBL's proprietary SonoGlass™ material K2 S5800 and 4800 Both speakers are fitted with a 75mm (3") aluminum-diaphragm compression driver (435Al) and a 25mm (1") titanium-diaphragm compression driver (045Ti). Both drivers employ aluminum ribbon voice coils and motion, which reduces harmonic distortion. A newly developed lightweight, low-loss, EPDM foam-rubber surround ensures durability. Cone curvature is computer-modeled for maximum precision of movement. The resonance-free K2 enclosures are crafted of highly rigid, heavily braced MDF.

The flared reflex ports are optimized to eliminate resonances. Two sets of large, gold-plated binding posts allow for bi-wiring or bi-amplification. JBL horns deliver uniform sound pressure to the listening area JBL's Charge-Coupled Linear Definition sys™ elegance, available in luxurious wood-gloss and black-gloss finishes. @Leo Fender chooses the D130 to amplify his electric guitars. And LIFE magazine calls the JBL Hartsfield the "dream speaker" for the amazing new world of hi-fi. 10 1960's VIETNAM, WOODSTOCK, SPACE. @And JBL becomes standard equipment at major rock concerts. Remember that little gathering at Woodstock? @JBL corners the THX ® cinema market. @But you've been hearing something very much like them for years behind t Kapton -encapsulated aluminum wire ® The trapezoidal low-frequency internal enclosure is constructed of heavily braced 1-1/2" MDF. @Brass spikes couple the external enclosure to the floor.

@@@1500 ARRAY is a potent subwoofer capable of heart-stopping deep bass. It incorporates a powerful W1500H 380mm (15") bass driver with 100mm (4") copper edgewound voice coil and a dedicated 1000-watt Class D digital power amplifier mounted in a trapezoidal enclosure.



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17 ARRAY SPECIFICATION PROJECT ARRAY 1500 · 1400 · 1000 · 880 Description Frequency Response Power Handling Sensitivity (1W @ 1m)
Nominal Impedance 1400 Array 3-Way, 350mm (14") Floorstanding Speaker 32Hz 40kHz 300 Watts 89dB 8 Ohms 1000 Array 3-Way, 250mm (10")
Floorstanding Speaker 35Hz 40kHz 200 Watts 89dB 8 Ohms 800 Array 3-Way, 200mm (8") Bookshelf Speaker 55Hz 40kHz 200 Watts 88dB 8 Ohms 880
Array 3-Way, Dual 200mm (8") Center Speaker 70Hz 40kHz 200 Watts 90dB 8 Ohms 1500 Array 375mm (15") 1000W Front-Firing Sub 25Hz 400Hz,
variable N/A N/A N/A 18 · 80 0 NS A Message From Greg Timbers, JBL's Chief Systems Engineer I've long been a fan of compression-driver systems. They
have a speed and effortlessness unmatched by direct-radiator systems. Current hardware is very low in distortion, has smooth frequency response and can be
designed to have very smooth, consistent directivity patterns.
@@@This is the major design concept behind the Array Series. The horn has been oriented to minimize width, and to position the diffraction slot within the
horn in the vertical plane. Next, the top of the LF enclosure has been cut away so the horn is nearly freestanding. The horn enclosure is minimal and heavily
windswept, again to minimize diffraction. The final major feature is the capability of the horn to be moved forward or back without creating baffle
discontinuities.
This allows the horn HF and LF driver to be lined up in the deemarks of E.I. du Pont de Nemours and Company. SACD is a registered trademark of Sony
Electronics Inc. .



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