

# Project K2

K2/S5500, K2/S9500



- Dual bass drivers above and below tweeter for point source imaging
- High sensitivity for fast, dynamic sound
- High power handling with minimal power compression
- Three-piece modular cabinet for resonance control
- Smooth horn with large opening for ideal acoustic loading
- Dual terminals for bi-wiring, bi-amping

**JBL**



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K2/S5500, K2/9500

The prize-winning K2 loudspeakers draw heavily on JBL's unrivalled experience with high sensitivity, high performance horn systems and professional subwoofer systems. The innovative acrylic horn has a tight dispersion pattern for ideal coverage of the listening area with minimal side wall interference. Each bass driver is mounted in a separate enclosure of 25 mm MDF for resonance control. The massive S9500 concrete base effectively absorbs harmful vibrational energy.

## Dual High Power Bass Drivers

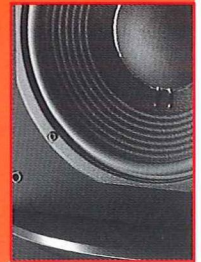
Two powerful JBL bass drivers with Aquaplas-coated pulp cones are positioned above and below the high frequency horn for ideal point source imaging properties. For high sensitivity and high power handling, the drivers employ Vented Gap Cooling, underhung voice coils and magnetic circuit distortion control.

## Innovative Titanium Driver

The horn-loaded compression driver incorporates an Aquaplas-damped titanium diaphragm, coherent Wave zink phase plug and a powerful, compact neodymium magnet structure. For reduced self-induction and greater high frequency extension, the driver is fitted with a copper-plated pole piece.

## Space Age Acrylic Horn

The exceptionally inert S9500 horn is based on an acrylic material originally developed by the US space administration NASA. Two and a half times denser than MDF fiberboard, the horn is virtually non-resonant and stronger than any wood.



### Specifications

#### S5500

Sensitivity:	95 dB
Impedance:	4 Ohms
Power Handling:	300 Watts
Maximum Recommended Amplifier Power:	2x300 for bi-amp
Low Frequency Drivers:	Combination fiberglass/Aquaplas diaphragm with 300 mm (12 inch) diecast aluminium chassis, 76 mm (3 inch) edge wound aluminium voice coil, copper sleeved vented pole piece, and shielded ferrite magnetic structure
High Frequency Driver:	275 horn loaded compression-type with titanium diaphragm, Coherent Wave™ phase plug and neodymium magnetic structure
Dividing Network:	Low-loss polypropylene capacitors, low D.C. high performance inductors, second order crossover at 650 Hz
Internal Wiring:	Internally wired with Monster Cable®
Dimensions (HxWxD):	1254x484x412 mm
Shipping Weight:	89 kg

### Specifications

#### S9500

Sensitivity:	98 dB
Impedance:	3 Ohms
Power Handling:	300 Watts
Maximum Recommended Amplifier Power:	2x300 for bi-amp
Low Frequency Drivers:	1400 Nd combination fiberglass/Aquaplas type with diecast aluminum chassis and neodymium magnetic structure
High Frequency Driver:	475 horn loaded compression-type with titanium diaphragm, Coherent Wave™ phase plug and neodymium magnetic structure
Dividing Network:	Low-loss polypropylene capacitors, low D.C. high performance inductors, second order crossover at 650 Hz
Dimensions (HxWxD):	1362x548x489 mm
Shipping Weight:	199 kg

JBL continually strives to update and improve existing product, as well as create new ones. The specifications and constructions details in this and related JBL publications are therefore subject to change without prior notice.

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