

Sub Vantage

Key features:

- Four high power 15" transducers
- Hyper-quick transients
- High efficiency
- Newly developed 'split manifold' arrangement

Applications:

- High impact nightclub
- DJ monitoring



With four 15" ultra-high power drivers, the Sub Vantage is the perfect companion for the Air Vantage mid-top when used as a precision DJ monitor. Its design uses a newly developed split manifold arrangement to deliver hyper-quick transients and unparalleled output for its dimensions. Dual Neutrik speakON™ NL4s are provided for driver connections.

Specifications

Frequency Response	40 Hz - 160 Hz ± 3 dB
Efficiency ¹	107 dB 1W/1m
Crossover Points	140 Hz
Nominal Impedance	2 x 4 Ω
Power Handling ²	2 x 1600 W AES
Maximum Output ³	137 dB cont, 143 dB peak
Driver Configuration	4 x 15"
Dispersion	Omnidirectional
Connectors	2 x 4-pole speakON™
Weight	91.2 kg (201 lbs)

¹ Measured in half space ² AES2 - 1984 compliant ³ Calculated

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Architectural specifications

The loudspeaker system shall be of the sub bass type consisting of four high power 15" (381 mm) direct radiating reflex loaded low frequency (LF) transducers coupled to a fibreglass reinforced plastic port in a birch plywood enclosure.

The low frequency transducers shall be constructed on a cast aluminium frame, with a carbon composite cone, long excursion 101.6 mm (4") voice coil, wound with copper wires on a high quality voice coil former and a ferrite magnet for high power handling and long-term reliability.

Performance specifications for a typical production unit shall be as follows: the usable bandwidth shall be 40 Hz to 160 Hz (± 3 dB) and have a maximum on axis SPL of 137 dB continuous (143 dB peak) measured at 1 m using IEC265-5 pink noise. Power handling shall be 2 x 1600 W AES at a rated impedance of 4 Ω with pressure sensitivity of 107 dB

measured at 1W/1m. The system shall be powered by its own dedicated power amplification module with DSP management. The wiring connection shall be via two Neutrik speakON™. One for input and one for loop-out to another speaker, to allow for pre-wiring of the connector before installation.

The enclosure shall be constructed from 18 mm multi-laminate birch plywood finished in a textured polyurethane and shall contain fixture points for a pressed, weather-resistant, powder coated steel grille with foam filter to protect the low frequency transducer. The cabinet shall have eight handles (four per side) for efficient manual handling. External dimensions of (H) 908 mm x (W) 730 mm x (D) 665 mm (35.7" x 28.7" x 26.2"). Weight shall be 91.2 kg (201 lbs).

The loudspeaker system shall be a Void Acoustics Sub Vantage.

