

# Stasys Xair

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## Key features:

- High output, double 18", horn-loaded low frequency enclosure
- Special 'Air' edition of Stasys XV2
- 3200 Watts AES power handling
- Negligible power compression
- Improved transient and phase response
- Tough 'TourCoat' polyurea finish
- Truck pack friendly dimensions
- Universal location receptors



## Applications:

- Outdoors
- Large scale touring
- Bar, club, lounge

A reliable, versatile low frequency enclosure, specially designed with predictable behaviour you can trust. For added expression, colour customise the aluminium bracing.

## Specifications

Frequency Response	30 Hz - 180 Hz $\pm 3$ dB
Efficiency <sup>1</sup>	103.8 dB 1W/1m
Crossover Points	38 Hz Hi Pass 24 dB/oct, 100 Hz - 145 Hz Lo Pass 24 dB/oct
Nominal Impedance	4 $\Omega$
Power Handling <sup>2</sup>	3200 W AES
Maximum Output <sup>3</sup>	138 dB cont, 144 dB peak
Driver Configuration	2 x 18" LF
Dispersion	Array dependent
Connectors	2 x 4-pole speakON™ NL4
Weight	130 kg (286.6 lbs)
Enclosure	18 mm birch plywood
Finish	Textured 'TourCoat' polyurea
Grille	Perforated steel with foam filter (optional)

<sup>1</sup> Measured in half space <sup>2</sup> AES2 - 1984 compliant <sup>3</sup> Calculated

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## Architectural specifications

The loudspeaker shall be an active bandpass sub bass system consisting of two high power 18" (455 mm), long excursion, low frequency (LF) transducers mounted in a rectangular enclosure.

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

Performance specifications for a typical production unit shall be as follows: the usable bandwidth of 30 Hz to 180 Hz ( $\pm 3$  dB), with a maximum SPL of 144 dB peak (138 dB continuous) measured at 1 m using IEC268-5 pink noise. Power handling shall be at 3200 W AES at a rated impedance of 4  $\Omega$ . Pressure sensitivity shall be 103.8 dB

measured at 1W/1m. The system shall be powered by its own dedicated power amplification module with DSP management, with the wiring connection via two Neutrik speakON™ NL4 (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 an 18 mm multi-laminate birch plywood finished in a textured polyurea and contain fixture points for a pressed steel, powder coated grille to protect the horn path from object ingress. The cabinet shall have eight handles (four per side) for efficient manual handling. External dimensions of (H) 562 mm x (W) 1226 mm x (D) 903 mm (22.1" x 48.3" x 35.6"). Weight shall be 130 kg (286.6 lbs).

The loudspeaker shall be the Void Acoustics Stasys Xair.

