The D.A.S. Artec 526A is a 2-way vented loudspeaker system designed for applications covering speech reinforcement and program reproduction.

The low end utilizes two high efficiency 6" low frequency speakers with 2" voice coil.

The high end makes use of a 1" exit compression driver with 1.75" titanium diaphragm, coupled to a 80º x 80º horn.

The unit has a robust grille design internally lined with acoustically transparent filter cloth to protect the loudspeaker components. The covering is resistant to wear and tear, provides protection from dust and dirt.

4 integrated rigging points that accept 10M forged steel eyebolts or "U" braket make suspension in either the horizontal or vertical positions safe and simple.

### Technical Specifications

**Nominal LF Power Amplifier** 720 W peak - 360 W continuous  
**Nominal HF Power Amplifier** 360 W peak - 180 W continuous  
**Input Type** Balanced differential line  
**Input Impedance** Line: 20 kohms  
**Sensitivity** Line: 1.95V (+ 8dBu)  
**On-axis Frequency Range (-10dB)** 60 Hz - 20 kHz (Flat preset)  
**Maximum Peak SPL at 1m** 125 dB  
**HF Horn Coverage Angles (-6dB)** 80º x 80º  
**Enclosure Material** Birch Plywood  
**Finish** Isolflex Black Paint  
**Transducers / Replacement Parts** LF: 2 x 6"  
**Connectors**  
**HF Horn**  
**Input**: Female XLR  
**Loop Thru**: Male XLR  
**AC INPUT**: PowerCon NAC 3 FCA  
**AC Power Requirements**  
- 115 V, 50Hz/60 Hz  
- 230 V, 50 Hz/60 Hz  
**Dimensions (H x W x D)**  
- 45 x 19.5 x 25.5 cm  
  (21.3 x 7.7 x 10 in)  
**Weight** 11 Kg (24.3 lb)  
**Accessories (optional)**  
- TRD-2, TRD-6, AX-SPG1, AX-SPG2,  
- AXR-A500, AXU-A526, ANL-2, AXC-ZT,  
- AXW-1

### Dimensions

- **Height**: 255 mm (10 in)  
- **Width**: 194 mm (7.7 in)  
- **Depth**: 545 mm (21.3 in)

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1. Based on a 2 hour test using a 6dB crest factor pink noise signal  
2. Conventionally, 2dB higher than the RMS measure  
3. Corresponds to the signal crests for the test described in 1.

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**Frequency Response**

Frequency response at 1m of a unit radiating to an anechoic environment and driven by a -20dBu swept sine signal with Flat preset (Black) and Boost preset (Grey).

**Distortion**

Second Harmonic Distortion (grey) and Third Harmonic Distortion (dotted) curves for a unit driven by a swept sine wave signal (-10dBu input).

**Horizontal Directivity.**

Shows normalized horizontal isobar plot.

**Vertical Directivity.**

Shows normalized vertical isobar plot.

**Polar Response.**

Shows the 1/3 octave band horizontal (left) and vertical (right) polars for the indicated frequencies. Full scale is 30dB, 6dB per division.

NOTES: Frequency response measured at 4m (13.12ft). For better detail, only light smoothing (1/12th octave) has been used. Polars were acquired by placing the unit on a computer controlled turntable inside a 411 m³ (14514 ft³) anechoic chamber. Measurement distance is 4m (13.12ft).

Product improvement through research and development is a continuous process at D.A.S. Audio. All specifications subject to change without notice.