

Artec S15

HIGH-PERFORMANCE SUBWOOFER SYSTEM



- >> 6th order band-pass subwoofer
- >> 1 x 15" long-excursion speaker
- >> 800 W power handling
- >> Compact design

The D.A.S. ArtecS15 is a 6th order band-pass subwoofer system designed for impressive low frequency performance.

The unit utilizes one 15SX long-excursion 15" low frequency speaker with a 4" voice coil. Improved voice coil materials, magnet circuit and surround design provide high power handling, low power compression and low distortion.

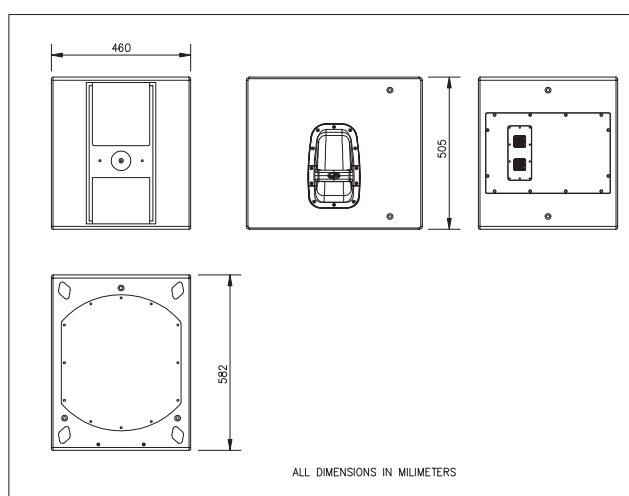
6th order band-pass design provides high-efficiency and limited excursion and distortion, even at maximum power levels, for an impressive combination of punch, transient response and low-frequency extension.

The top panel contains a threaded pole mount socket for use with 35mm metal posts for mounting fullrange D.A.S. systems above the ArtecS15 Subwoofer unit.

Technical Specifications

RMS (Average) Power Handling ^R	800 W
Program Power handling ^P	1600 W
Peak Power Handling ^K	3200 W
On-axis Frequency Range (-10dB)	45 Hz - 138 Hz
Nominal Impedance	8 ohm
Minimum Impedance	7 ohm at 46 Hz
On-axis Sensitivity 1W/1m	99 dB SPL
Rated Peak SPL at Full Power	137 dB SPL
Enclosure Material	Wisa® Birch Plywood
Color/Finish	Isoflex Black Paint
Transducers/Replacement Parts	1 x 15SX 2 paralleled NL8 Speakon,
Connector	wired to +/-1
Dimensions (H x W x D)	51 x 46 x 58 cm 20 x 10.1 x 22.8 in
Weight	28 kg (61.7 lb)
Accessories (optional)	ANL-2 TRD-6

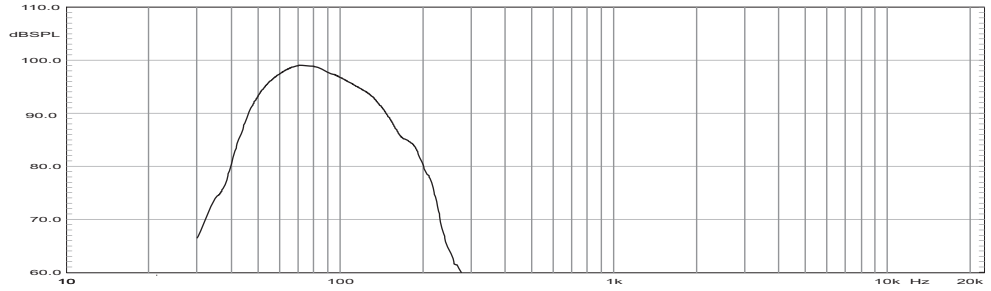
Dimensions



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

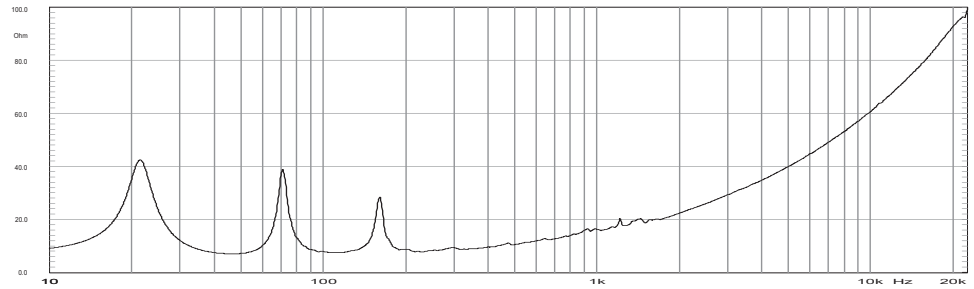
Frequency Response

Shows the frequency response of a unit at 1m radiating outdoors with recommended signal processing.



Impedance

Shows the Impedance curve.



Recommended signal processing:

- LR24, 40.9 Hz
- LR24, 111 Hz
- Parametric EQ1, 50.6 Hz, +6dB, 0.125 Oct
- Parametric EQ2, 149 Hz, -6dB, 0.070 Oct

Recommended amplifier power:

1 x 1200 W @ 8 Ohms

NOTE. Frequency response measured outdoors at 6m and referred to 1m; one-third octave smoothed.

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



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