ARTEC-322S

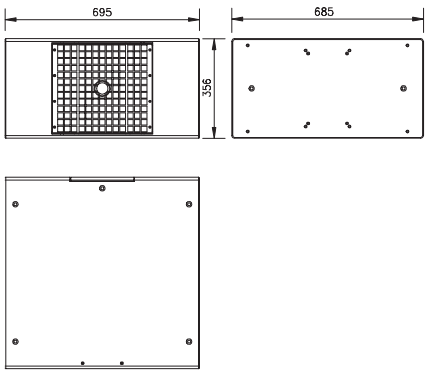
Dual 12” band-pass subwoofer Outdoor Installation Line Array Subwoofer

- **» Compact Band-Pass subwoofer system**
- **» 2 x 12” (3” VCD)**
- **» Top grade Birch cabinet construction ISO-flex polyurea paint**
- **» Robust steel professional rigging compatible with ARTEC-320**

The ARTEC-322S is a band-pass subwoofer system with dual 12P low frequency loudspeakers. The loudspeakers are protected by a perforated steel grille, sealed against corrosion using a powder coat finish. The 15mm birch plywood cabinet construction offers an ultra-compact design which is available in black or white.

The artec 322S is designed for use in active systems. The handles make moving easy.

Dimensions



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Technical Specifications

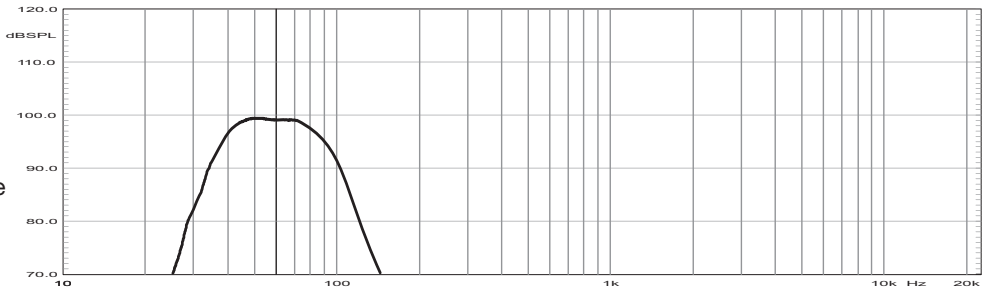
Peak Power Handling	3200 W
RMS (Average) Power Handling [1]	800 W
Frequency Range (-10dB)	37 Hz - 100 Hz (processed)
Nominal Impedance	4 ohms
On-axis Sensitivity 1 W / 1 m	99 dB SPL
Maximum Peak SPL at 1 m [2]	132 dB
HF Horn Coverage Angles (-6dB)	---
Enclosure Material	Birch Plywood
Color / Finish	Black or White FX fiberglass paint
Transducers / Replacement Parts	LF: 2 x 12P/GM-12P
Connectors	Terminal Strip
Dimensions (H x W x D)	35.5 x 70 x 68.5 cm 14 x 27.6 x 27 in
Weight	42.5kg (93.5 lb)
Accessories	AX-AR3 / AX-AR3-W JP-320 / JP-320-W ANL-2

Notes:

1. Based on a 2 hour test continuously applying 6dB crest factor pink noise.
2. Maximum calculated Peak SPL based on sensitivity and RMS pòwer handling.

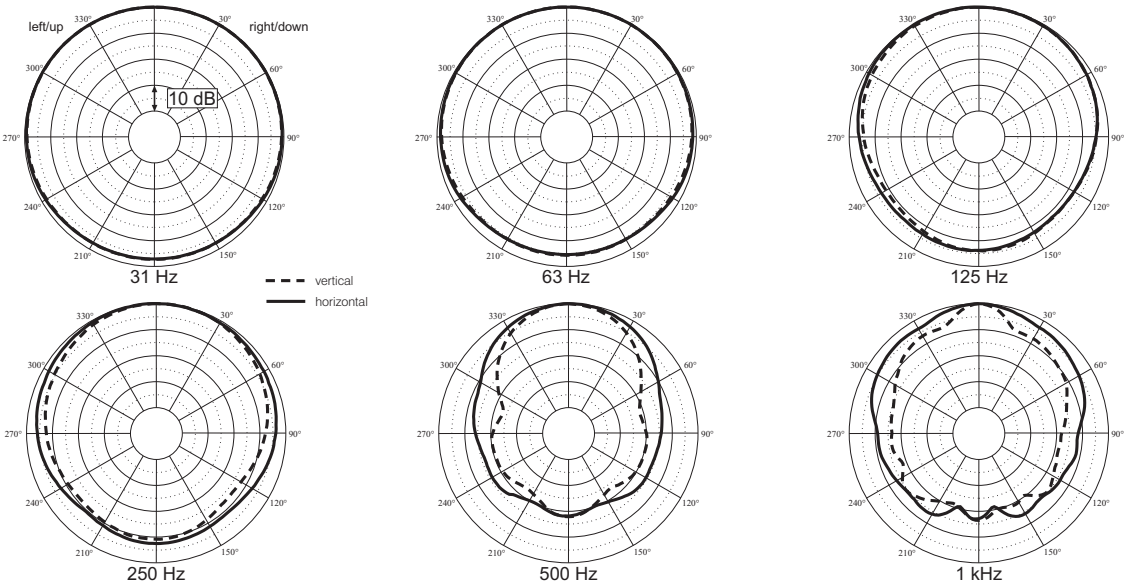
Frequency Response

Shows the frequency response (processed) at 1 m of a unit radiating to an anechoic environment and driven by a 4 V swept sine wave signal.



Polar Response

Shows the 1/3 octave band horizontal (continuous) and vertical (dotted)polars for the indicated frequencies. Full scale is 40 dB, 10 dB per division.



Recommended processor settings (DAS DSP-2060A or DSP-4080)

High Pass Filter Butterworth 24dB/oct at 40 Hz

Low Pass Filter Butterworth 24dB/oct at 90 Hz

Limiter 800 W RMS; Threshold +5dBu (32dB amplifier Gain), peak limiter +8dBu, 23ms attack time, release x 16

NOTES. 1.Frequency response: referred to 1 m; low end obtained through the use of near field techniques; one-third octave smoothed for correlation with human hearing. 5.Polars were acquired by placing the unit on a computer controlled turntable inside our anechoic chamber. Measurement distance was 4 m.

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

DAS Audio Group, S.L.
C/. Islas Baleares, 24
46988 Fuente del Jarro
Valencia, SPAIN
Tel. +34 96 134 0860

DAS Audio of America, INC.
6900 NW 52th Street
Miami, FL. 33166 - U.S.A.
TOLL FREE: 1 888 DAS 4 USA

DAS Audio Asia PTE. LTD.
3 Temasek Avenue, Centennial
Tower #34-36
Singapore 039190
Tel. +65 6549 7760

DAS do Brasil LTDA.
Rua Dos Andradas, 382 SL
Santa Efigênia, São Paulo
Brasil. CEP: 01208-000
Tel. +551133330764