



ASYMMETRICAL
LINE-SOURCE ARRAY | **ALS1**

Norton[®]
audio

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The ALS1 is the factual illustration of the practical limits of modern state of the art.

By simply avoiding any mid-frequency horns, the ALS1 is just the most compact line source element presently available in their category.



The ALS1 ultra-efficient mid frequency drivers, do not involve any back or front chamber volumetric frames. Actually they directly profile the bass loudspeaker front band-pass cavity, allowing competent thermal freshening for themselves and an overall ultra-compact and extremely powerful packing that fills all the expectations about what a Line-Source should sound.

ALS1 is an active 3 way system with an operating frequency bandwidth from 60 Hz to 20 KHz. This response is lowered down to 28Hz with the addition of the SB118 or SB221 Subwoofers.

ALS1 features one 12" driver in a band-pass tuned Enclosure, two 6.5" back-sealed standalone medium drivers and two 1" ring-compression drivers coupled to our patented Elliptical Plane Progression isophasic Coupler (Eppic[®]) waveguide for HF reproduction.

The ALS1 comes complete with transport racks, rigging mechanics, power and control electronics.

Usable Bandwidth (- 10 dB): 60 Hz - 20 kHz
Nominal Directivity (- 6 dB): 90° Horizontal - Symmetric
Maximum Continuous SPL: 130 dB
Power Handling: 1200 W

Components:

- LF: 1 x 12" weather-resistant 8 ohm
- MF: 2 x 6,5" weather-resistant
- 2 x 16 ohm
- HF: 2 x 1" HF Ring-Compression
- Driver 2 x 16 ohm

Rigging: Angles from 0° to 10° in 1° linear step increment

Physical Data:

- Width: 589,5 mm
- Height: 384 mm
- Depth: 444,2 mm
- Weight: 31 Kg
- Material: Baltic Birch Plywood
- Connections: 2 x 8 Pin Speakon

