

## Technical Data Sheet



### Overview

The LA26 is a 2-way, full range line array cabinet housing two 6.5" neodymium Planar Diaphragm drivers located in the side walls of the HF Oblate Spheroidal Waveguide, a 2" diaphragm HF neodymium driver and a passive network crossover presenting a nominal input impedance of 16Ω.

The LF Planar Diaphragm drivers, and its special placement, integrated on the Spheroidal Waveguide, reduces the cavity effect, associated with traditional cone speakers, radiating sound energy smooth and evenly over the entire coverage area. This special arrangement perfectly combines the HF and LF acoustic centers to generate precisely coherent wavefronts uniformly spread in the horizontal plane and precisely coupled in the vertical plane.

The LA26 was designed to be incredibly versatile solving the needs of production companies, rental houses, theaters, houses of worship, working as main system, front fill, side array or as complement of larger-scale LA systems.

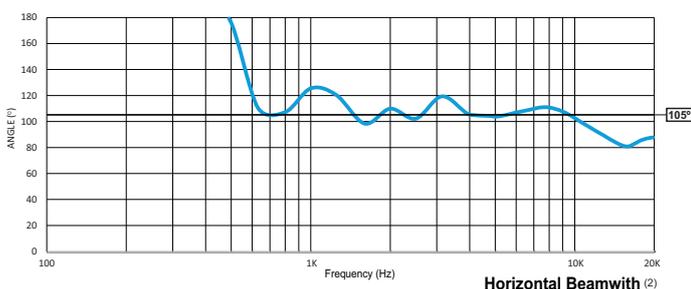
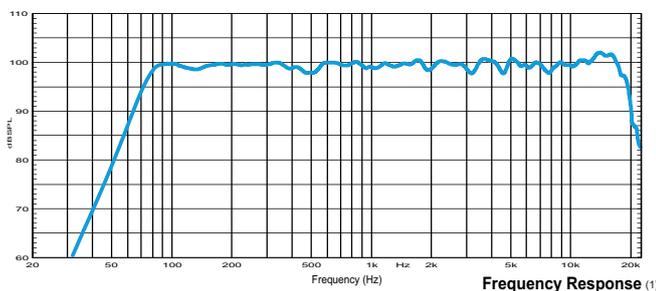
For low frequency extension the LAs15A active subwoofer can be used. This unit is capable to process and power up to three LA26 passive line array elements.

### Key Features

- 2-way passive, axially symmetric, Line Array Element
- 16Ω impedance and internal passive network, reduces amplifier units
- Unrivalled dispersion control and smooth even sound radiation pattern
- 105° horizontal constant directivity pattern control
- Auto-locking rigging mechanism with variable splay angles from 0° to 12°
- Dedicated Subwoofer and Power Rack are available, for a complete touring system

### Technical Specifications

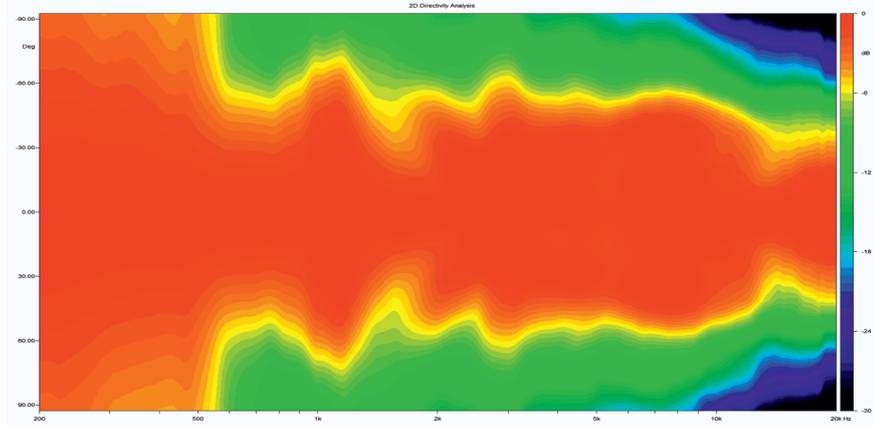
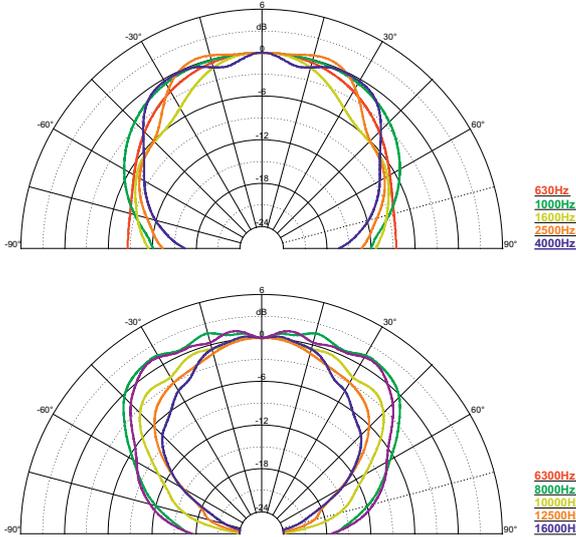
MODEL	LA26
Type	2-way passive line array element
Frequency Response: ± 3dB (1)	75Hz - 19KHz
Horizontal Coverage (-6dB) (2)	105°
Vertical Coverage (-6dB) (2)	12°
Components	LF - 2 x 6.5" Planar Diaphragm Neodymium Speaker HF - 1 x 2" VC HT Polymer Diaphragm Neodymium Compression Driver
Power Handling	600W Cont; 1200W Peak (10ms)
Impedance	16Ω
Maximum SPL	130.6dB peak
Crossover Frequency	1200Hz passive
Connectors	2 x NL4 Neutrik
Rigging and Handling	3-point adj. rigging system (0° to 12°) 2 x side handles 2 x rear grip handles
Enclosure Material	Multi-layered Birch Plywood
Finish	Black semi-matt textured paint
Grille	Black powder coated perforated steel
Dimensions (W x H x D)	498.5mm x 195mm x 430mm 19.6in x 7.7in x 16.9in
Weight	15Kg (33lbs)



(1) - One element measured on-axis in open space at 3m, then referred to 1m, DSP processed (Preset 0)  
(2) - One element measured in open space at 3m

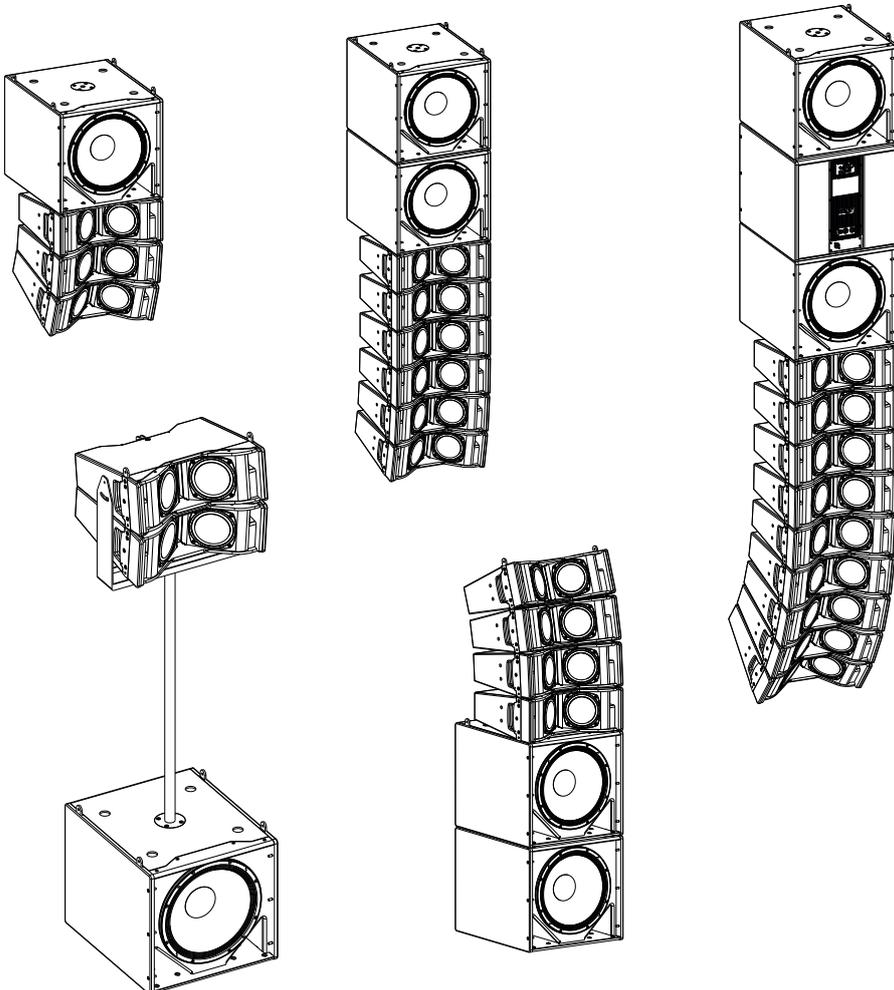
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### Horizontal dispersion Plots

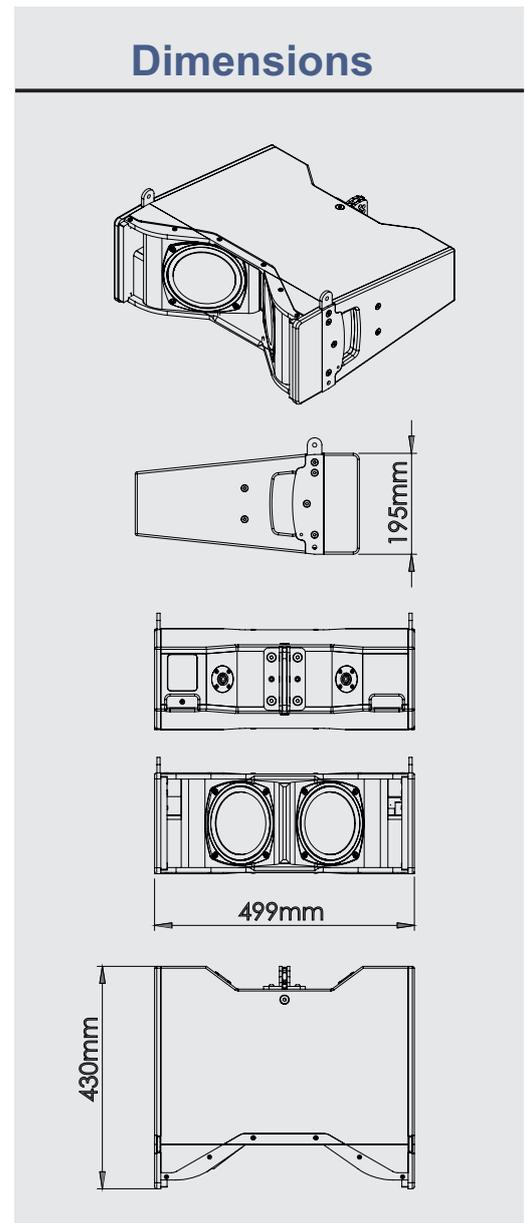


### Application Examples

One LAs15A subwoofer can power up to three LA26 line array elements



### Dimensions



\* All pictures shown are for illustration propose only. Accessories are not represented