



Technical Specification LDS SP-88

DESCRIPTION

LDS SP-88 represents a loudspeaker technology based on the principles of the Homogeneous Line Source. A Homogeneous Line Source produces a plane wave front whereby all frequencies reach the listener at the same time.

The LDS SP-88 system is a special purpose unit designed mainly to solve problems with HI MID/HF coverage at obscured seats and as a delay system. The small size makes it easy to conceal and possible to mount where traditional speakers would stick out.

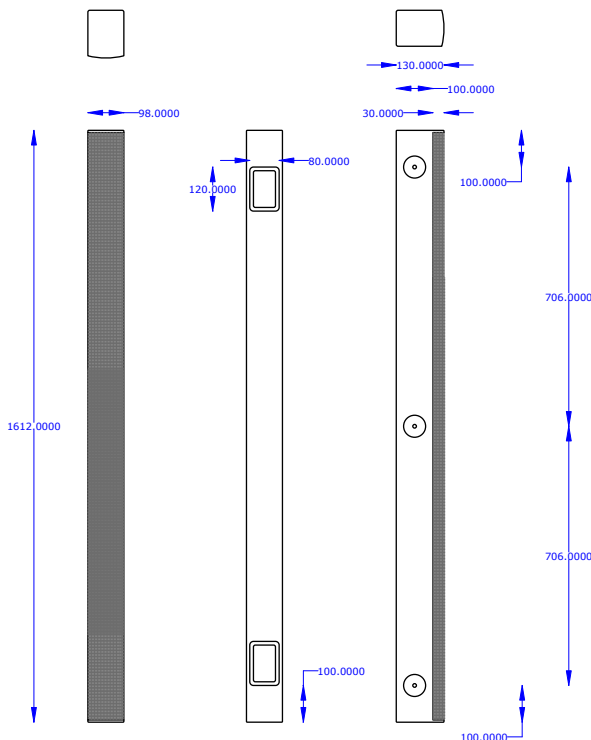
Another inventive use of the SP-88 would be a horizontally mounted continuous row over the theatre's proscenium. The line of SP-88's makes an amazing centre-speaker that will give any system an incredible boost of intelligibility, source orientation and vocal projection.

The LDS SP-88 system is the perfect match for a larger LDS800 main system.

Each LDS SP-88 is equipped with eight Planar-Magnetic (ribbon) Drivers.

The eight Planar-Magnetic (ribbon) Drivers used in the LDS SP-88 employ an innovative high-tech diaphragm material called Kaladex®, from Dupont.

Each LDS SP-88 can be mounted either horizontally or vertically.



SPECIFICATION DATA

Operating Frequency Range (Hz)	300Hz to 18kHz	
Sensitivity (dB SPL/2.83Vrms/1m calculated midrange region)	102	
Transducers	8 x 8" Planar Magnetic Transducers	
Impedance (Ohms)	8	
Power Handling (Watts)	Programme	Peak
	400	1200
Maximum SPL (dB)	Continuous	Peak
	120.0	128.0
Nominal Coverage Angle / -6 dB points (degrees)		
Horizontal	120 (300Hz-12kHz)	
Vertical	Defined by configuration	
Recommended Amplifier And Protection Settings		
Amplification Gain	29dB (both channels)	
Peak Limiter	Threshold +8dBu	
Recommended Crossover Settings (24dB/Oct Linkwitz-Riley)		
Highpass	300Hz	
Dimensions	inches	millimetres
Height	69.9	1622
Width	3.9	100
Depth (LF)	5.2	132
Weights	pounds	kilogrammes
Net Weight	23.2	10.5
Shipping Weight	27.6	12.5