

L2D LONG THROW PROGRESSIVE LINE SOURCE



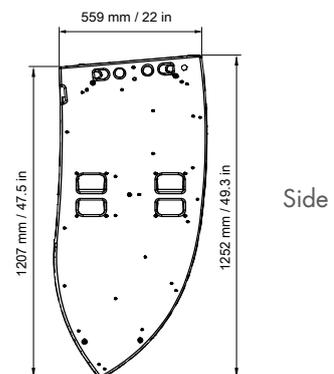
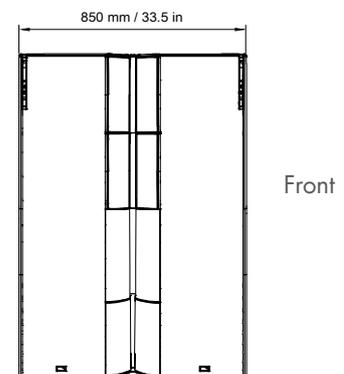
Part of the L Series, L2D is a full range progressive line source element designed for medium to large sized mobile and installation applications. Based on the Progressive Ultra-dense Line Source (PULS) technology, L2D offers an unprecedented combination of sonic performance, power-to-size and weight ratios, with ease of deployment.

Housing eight 3" compression drivers loaded on DOISC waveguides, eight 10" drivers and four 12" drivers mounted on the sides, L2 delivers broad bandwidth with reinforced LF contour and high output capacity. The combination of high component density in a single element ensuring close proximity between them and the 16 channels of DSP and amplification provided by the LA7.16(i) produces an unprecedented level of control and sonic consistency.

L2D is shaped in a progressive mechanical arrangement producing 60° of vertical control. L2D is divided into four modules from which the top two feature Panflex™ to offer horizontal coverage flexibility and the bottom two have fixed, progressive coverage starting at 110° and progressively widening to 140° at the bottom. L2D can be used on its own offering the ease-of-use of a point source and the performance of an enhanced line source. L2D can also be a downfill for L2, connecting to L2 via an autolocking rigging system to form a fixed J-shape line source. The absence of inter-element angles assures errorless setup and substantially increases speed of deployment. The combination of size and transportation accessories facilitate on-site deployment and reduces truck and storage space needs.

SPECIFICATIONS

Description	16-channel active progressive curvature WST® amplified by LA7.16 / LA7.16i	
Usable bandwidth (-10 dB)	45 Hz - 20 kHz	
Maximum SPL¹	Full element	First module
	151 dB ([L2_70])	147 dB ([L2_70])
Nominal directivity	Vertical : 60° progressive directivity pattern Horizontal : top 2 modules with Panflex 70°/110° or 90° asymmetric bottom 2 modules fixed progressive from 110° to 140° integrated cardioid or supercardioid patterns	
Transducers	LC : 4 x 12" neodymium cone drivers LF : 8 x 10" neodymium cone drivers HF : 8 x 3" neodymium diaphragm compression drivers	
Acoustical load	LC / LF : Bass-reflex, L-Vents HF : DOISC waveguide, Panflex™	
Nominal impedance	LC / LF / HF : 8 Ω / 8 Ω / 8 Ω	
Connectors	1 x 37-point male connector (32 points used)	
Rigging and handling	Flush-fitting 4-point captive rigging system compatible with L2	
Weight (net)	149 kg / 328 lb	
Cabinet	Premium grade Baltic beech and birch plywood	
Front	Coated steel grill Acoustically neutral 3D fabric	
Rigging components	High grade steel with anti-corrosion coating	
Finish	Dark grey brown Pantone 426 C	
IP	IP55	



¹- Peak level at 1 m under free field conditions using pink noise with crest factor 4 (preset specified in brackets).