SPEAKER

LUCASACS

L Series

L26DSP

L28DSP

L210DSP

LSB18DSP



OVERVIEW

The L Series Line Array System: Engineered for Seamless Coverage and Exceptional Clarity

The L Series is a comprehensive line array system, engineered from the ground up to deliver powerful, articulate, and intelligible sound for audiences of any size. Designed for professional touring, installation, and rental applications, this series combines advanced acoustic design with deployment flexibility to provide a scalable and reliable audio solution.

At the heart of the L Series is a professional-grade driver configuration, featuring dual woofers and high-precision titanium compression drivers powered by robust Class-D amplification. This delivers exceptional power handling, a wide dynamic range, and detailed sonic reproduction. Each enclosure incorporates an integrated waveguide, ensuring a linear high-frequency response and controlled vertical dispersion for predictable, consistent coverage across the listening area.

System control is streamlined through advanced onboard Digital Signal Processing (DSP). Multiple selectable preset modes allow for instant optimization tailored to various applications, while specialized functions like high-frequency contouring enhance clarity and projection over distance, ensuring every word and note is delivered with precision.

Built for seamless integration, each cabinet features comprehensive connectivity with combo XLR/1/4" inputs and outputs for audio signal routing, alongside PowerCon connectors for reliable, daisy-chainable power distribution. This unified approach dramatically simplifies setup and reduces cabling complexity in any configuration.

The L Series excels in deployment versatility. Enclosures are designed for secure ground-stacking or can be integrated with a dedicated flying frame to create vertically suspended arrays. Adjustable splay angles enable precise tailoring of the coverage pattern, allowing sound to be focused exactly where it's needed.

Constructed to be both powerful and portable, L Series cabinets feature a lightweight yet rugged design with integrated handles for easy transport and quick setup. They are as suited for demanding tour schedules as they are for permanent installation, offering professional performance without compromise.

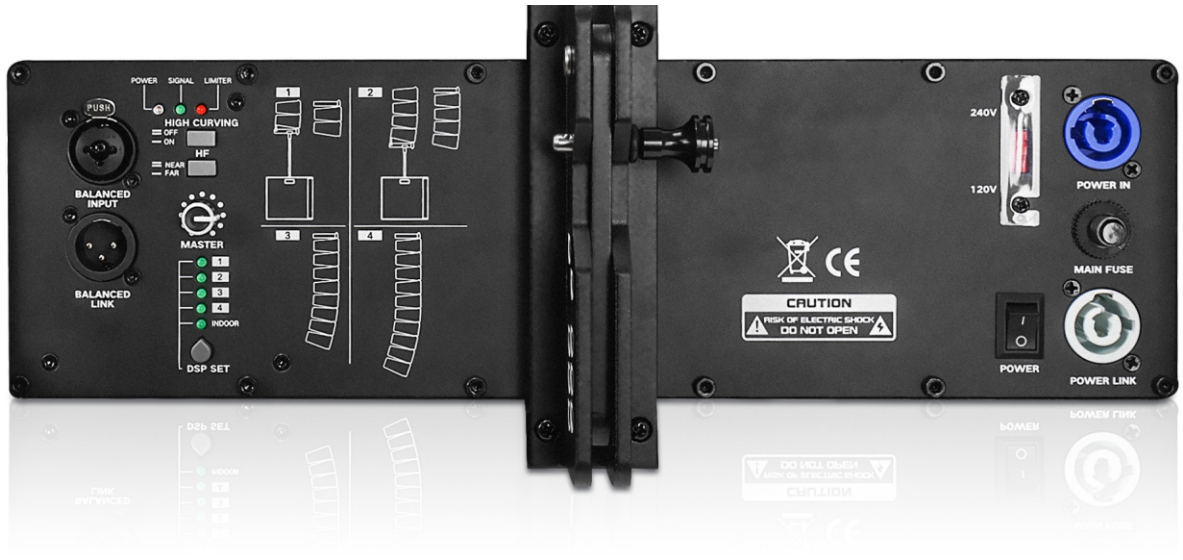
Ideal for live sound reinforcement, corporate events, houses of worship, and performing arts venues, the L Series provides the pristine audio quality, scalable power, and reliable performance required for the most demanding professional environments.

Technical Specifications

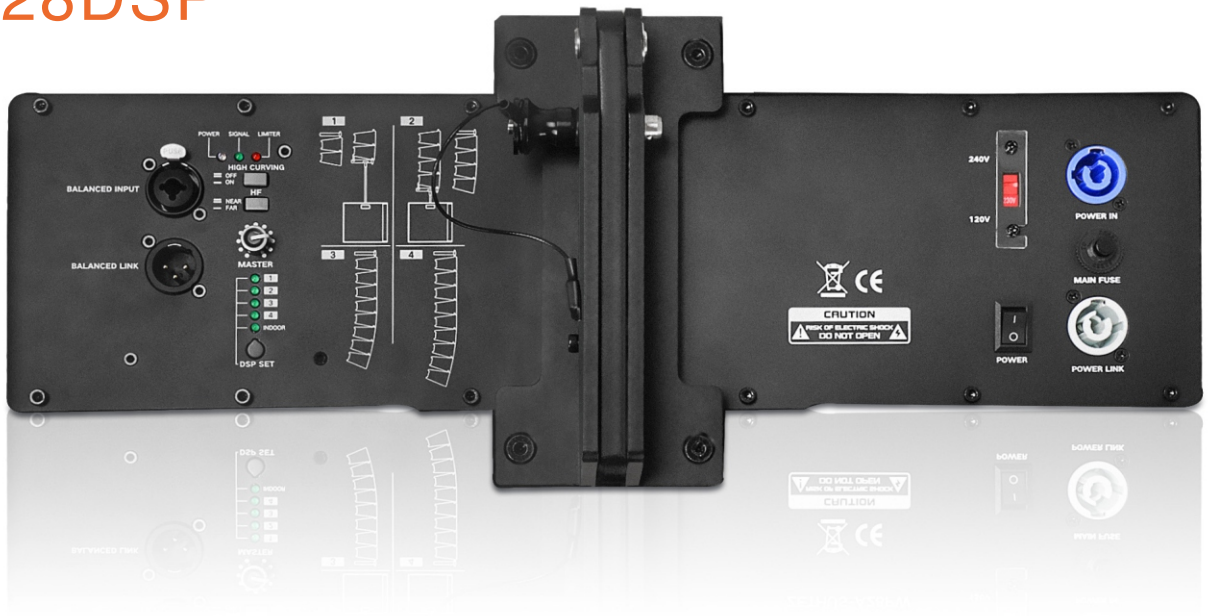
	L26DSP	L28DSP	L210DSP	LSB18DSP
Frequency Response:	60 Hz - 19k Hz		52 Hz - 19k Hz	35 Hz - 150Hz
Sensitivity	102 db	103 db	107 db	104 db
Spl Max:	131 db	132 db	136 db	134 db
Dispersion:	120° x 15° (H x V)	90° x 15° (H x V)	120° x 15° (H x V)	Omnidirectional
Loudspeaker Data:				
Configuration:	Dual 6.5" Powered Line Array Speaker	Dual 8" Powered Line Array Speaker	Compact dual 10" active full range line array	18" active high power subwoofer
Transducer:	LF: 2 x 6.5" woofers, HF: 2 x 13/8" titanium compression drivers	LF: 2 x 8" woofers, HF: 2 x 13/8" titanium compression drivers	LF: 2 x 10", HF: 2 x 1.4" diaphragm	LF: 1 x 18"
Impedance:	4Ω Nominal			8Ω Nominal
Power Handling	500W / 1000W	600W / 1200W	800 / 1600W	1000 / 2000W
Connectors:	/		2 x 4 Pin Speakon®	
Physical:				
Cabinet Construction:	PP Composite ABS			High grade 100% birch plywood
Mounting:	Compact line array hardware			Stand mount on top (M20)
Finish:	Texture coating		Texture coating (RAL colors available)	
Grill And Rigging Component:	Steel with anti-corrosion coat			
Dimensions (mm / Inch):	454 W - 350 D - 190 H 17.9 W - 13.8 D - 7.5 H	581 W - 292 D - 434 H 22.9 W - 11.5 D - 17.1H	796 W - 420 D - 320 H 30.3 W - 16.5 D - 12.6 H	529 W - 550 D - 599 H 20.8 W - 21.6 D - 23.6 H
Weight:	13.6 Kg	19.5 Kg	31.5 kg / 69 lbs	38 kg / 83.8 lb
Amplifier:	Class-D amplifier with DSP			
Input:	1/4"&XLR combo		2 x 1/4" & XLR combo, 1/8" Aux	2 x 1/4" & XLR combo
Output:	XLR thru. Out		2 x XLR line out	
Control:	DSP: HF, HIGH CURVING, 4 selectable mode		Volume, onboard DSP	Volume, Polarity, LPF
Voltage:	Neutrik PowerCON in & out 100V~240V (50~60Hz)			100V~240V (50~60Hz)

CONNECTIONS

L26DSP

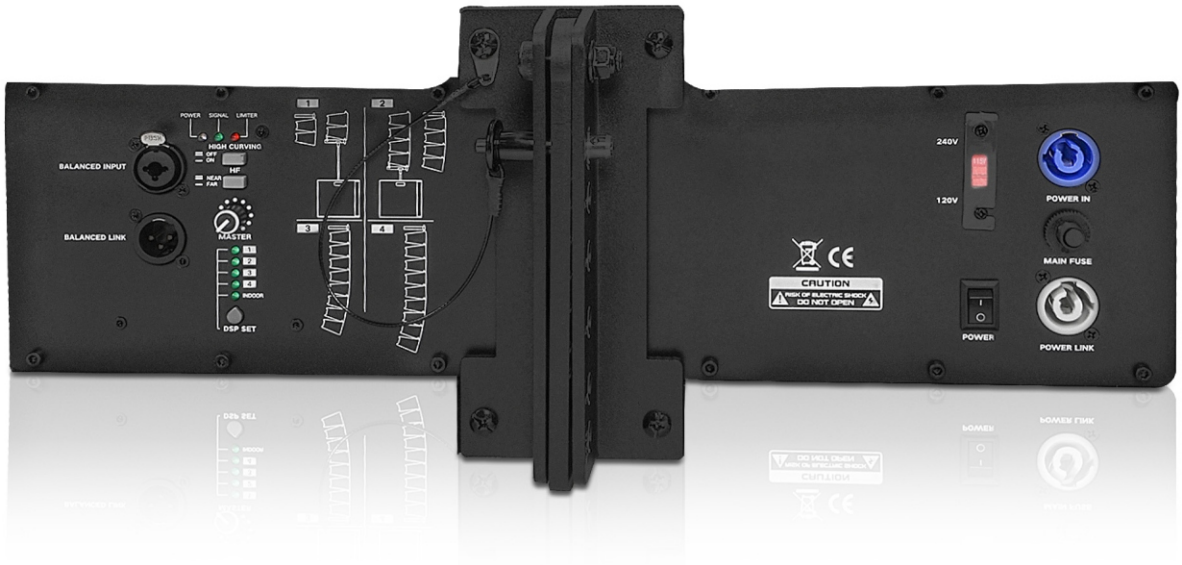


L28DSP



CONNECTIONS

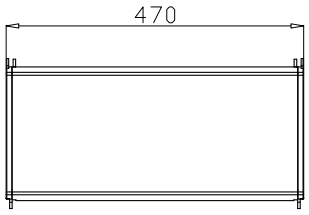
L210DSP



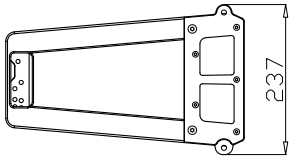
LSB18DSP



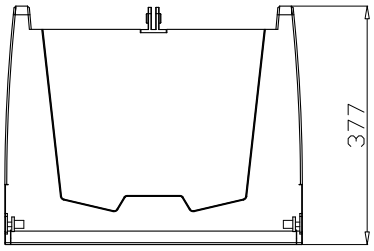
L26DSP



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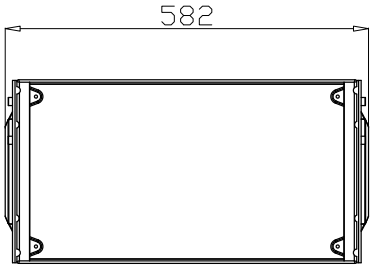


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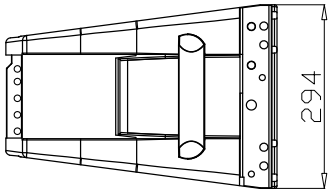


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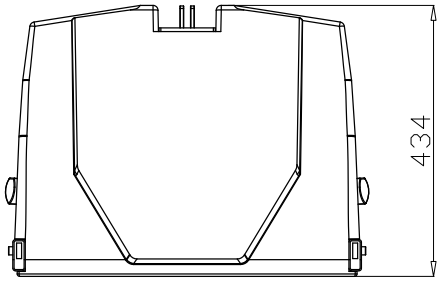
L28DSP



FRONT

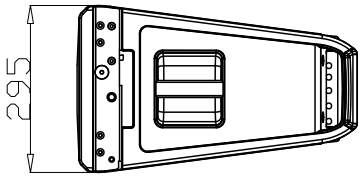


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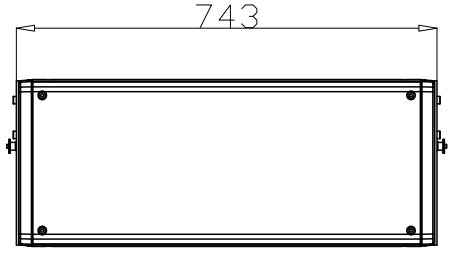


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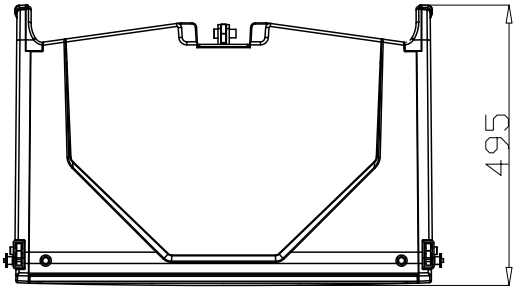
L210DSP



FRONT



SIDE



TOP

LSB18DSP

