



technical specifications LB28

general

- High-performance line-array low frequency system
- Forms high-output line-array extension in combination with LR28
- Maximum dynamic headroom reserve with lowest distortion
- All Neodymium drivers for excellent performance-to-weight ratio
- Large, centrally-located vents for improved breathing and low compression
- SIS™ pre-wired for very high damping and further reduced distortion



description

The LB28 is a low-frequency line-array module for larger sound reinforcement applications; It is designed as LF array extension of the LR28 pro-ribbon line-array. In combination with LR28, very high output arrays can be formed for high-end sound reinforcement, where precise projection and long-throw is required down to the lower frequencies.

Adding LB28 modules enlarges the array length, extending the controlled (cylindrical) projection of the LR28 down to the lower frequencies, while increasing throw of the low-mid frequencies over distance.

The LB28 consist of 2 long-excursion 14" woofers with reinforced cones in a centrally-vented configuration. The Neodymium motor-structure of the custom-designed 14" features a large voice-coil and dual-

spider suspension with forced-venting, for improved heat dissipation and reduced power compression.

For full system performance, the LB28 is driven and controlled by the ALC amplified loudspeaker controller; Driven by the ALC, the LB28 delivers maximum sound quality and output power with long-term operation reliability. The integrated factory presets in the drive processor of the ALC offer gain, phase and filtering matching, as well as array-length correction in combination with the LR28 system.

The Signal Integrity Sensing™ pre-wiring ensures complete cable/connector compensation between the LB28 and ALC, significantly increasing response accuracy of the low frequencies. This offers a 1:1, undistorted natural sound reproduction, regardless of

cable length and amplifier impedance load (system damping factor of 10.000).

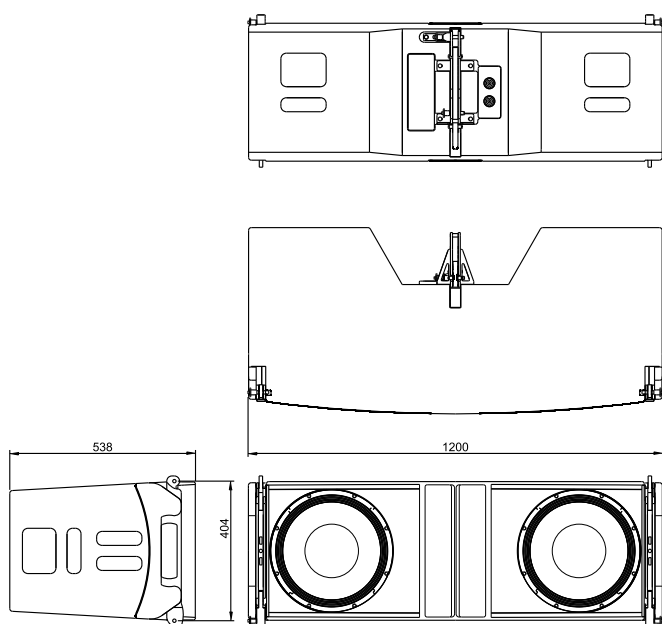
The rigging system is fully compatible with that of the LR28; The rigging system enables angle-setting on the cabinets, without lifting the array, resulting in safer and faster set-up with minimal handling. The unique, patent-pending flying system facilitates two different

ways of array assembling, caterpillar and pre-rig-style, with compressed and non-compressed suspension. It has a WLL of 32 cabinets under 10:1 safety.

The LB28 is part of "The Ribbon Network" inventory and comes with a 6-years "no hassle" warranty.

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dimensional drawing



technical specifications

Frequency response	50 Hz – 250 Hz (+/- 3 dB)
	37 Hz - (+/-10 dB)
Sensitivity nominal	101 dB (50 - 200 Hz)
Nominal impedance	2x 8 ohms
Recommended drive	ALC Sentinel10
Nominal SPL peak	135 dB (Sentinel10 50 - 200 Hz)
Dispersion H x V (single)	omni

physical specifications

System	1-way, limited bandwidth	
Drivers	2x AW14.35ND/8 14", vented	
Connectors	2x Speakon NL8 input / link	
Physical dimensions	mm	inches
Height	404	15.8
Width	1200	47,2
Depth	538	21,1
Weight (approx.)	47 kg	103.6 lb
Warranty	6 years limited	

A: Alcons Audio B.V
De Corantijn 69
1689 AN Zwaag
The Netherlands

E: info@alconsaudio.com
W: www.alconsaudio.com
T: +31 (0) 229 28 30 90
F: +31 (0) 229 28 30 99