

# LA122W

## 2-Way Compact Wide Line Array Element



- Wide version (120° x 15°)
- Very smooth and clear sound
- 1 x 12" and 2 x 1.4" neodymium drivers
- Extremely smooth horizontal and vertical coverage
- Integrated hardware for flying or ground stack

### OVERVIEW

The LA122.v2 joins the LA family and is the redesigned version of the popular LA122, integrating exactly the same internal components into a smaller and lighter box.

It incorporates advanced neodymium speakers, custom made by B&C (12" + 2x1.4"), capable of generating 1120W of high-definition power for a very high acoustic pressure for medium to large scale applications.

This system is ideal for use in permanent installations as well as in touring systems.

The new system comprises three models, two line arrays elements, with different coverage angles (8°x90° - LA122.v2 and 15°x120° - LA122W.v2) and a companion subwoofer system allowing a wide configuration versatility.

The band-pass subwoofer LAs118.v2 is equipped with a custom made B&C, long excursion, 18" neodymium woofer.

As it shares the same rigging technology with the LA122.v2 and LA122W.v2, a flexible integration, both on the ground or on the top of the LA122.v2 arrays, is possible.

For touring applications, LA122.v2 can be associated to the N-RAK, a universal distribution platform for power, audio signals and network.

With the dedicated factory presets, the Powersoft X8 and X4 amplified controller integrated on N-RAK constitutes an extremely advanced and precise drive system for the enclosures.

The cabinets can be finished in a variety of colours to suit fixed installations.

### TECHNICAL SPECIFICATIONS

Technical Data	
Speaker Type:	Passive 2-Way Wide Line Array Element
Acoustical Data	
Frequency Response (-6dB):	58Hz - 19.000Hz
Low Frequency Extension (-10dB):	48Hz
Sensitivity (1W@1m) LF:	100dB (Full-Space)
Sensitivity (1W@1m) HF:	108dB (Full-Space)
Calculated Max. SPL (Cont/Peak):	129dB/135dB (Full-Space)
Calculated Max. SPL (Cont/Peak) LF:	129dB/135dB (Full-Space)
Calculated Max. SPL (Cont/Peak) HF:	133dB/139dB (Full-Space)
Coverage Angle -6dB (HxV):	120° x 15°
Drivers	
Low Frequency:	1 x 12" (300mm)/3" (76mm) VC, Neodymium, B&C custom speaker
High Frequency:	2 x 1.4" (36mm) exit/2.5" (65mm) VC, B&C custom compression driver
Electrical Data	
Program/Peak Power LF:	800W/1600W (10ms)
Program/Peak Power HF:	320W/640W (10ms)
Nominal Impedance LF:	8
Nominal Impedance HF:	16
Crossover frequency/Type:	1150Hz Linkwitz/Riley 48dB/oct
Recommended High-Pass Filter:	45Hz, 18dB/oct Butterworth
Connectors:	2 x Neutrik NL4
Enclosure	
Construction:	15mm multi-laminate birch ply
Finish:	Semi-Matte Black Textured Coating
Protective grill:	Black Perforated Steel
Fittings:	15° rigging system
Handles:	1 on each side
Dimensions (WxHxD):	602 x 350 x 465 mm
Net Weight:	34.5 kg
Shipping Weight:	35.8 kg