

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

Intended for use in permanent installations as well as in touring systems, the LA122W incorporates advanced neodymium speakers, custom made by B&C (12"/1.4"), capable of generating 1120W of high-definition power for a very high acoustic pressure for medium to large scale applications. The system comprises two line arrays elements, with different coverage angles (8°x90° – LA122 and 15°x120° – LA122W).

For touring applications, the LA122 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 colors 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