

LA122A

Active 2-Way Compact Line Array Element



- 2200Wprg, 2-Way amplification
- Small, Versatile, Loud
- 90° x 8° (120° x 8° optionally) Coverage
- 12" and 2 x 1.4" neodymium drivers
- Integrated hardware for flying or ground stack

OVERVIEW

The LA122A incorporates advanced neodymium speakers, custom made by B&C and a high performance DPA amplifier module, capable of generating 2200Wprg of high-definition power for a very high acoustic pressure for medium to large scale applications.

This system is designed for use in permanent installations as well as touring system. The system comprises three models, two line arrays elements (LA122A and LA122WA), with different coverage angles (8°x90° and 15°x120°) and a companion single 18" subwoofer system allowing a great configuration versatility.

The integrated DSP with A/D-D/A low noise converters, provides eight selectable presets (six factory defined and two user-defined) that can be accessed by an easy selector, located on the front module panel or real time edited by a PC, using the supplied Soundware software, via USB remote control. This permits easy customization of the sound programme, for various applications or different venues. An intelligent automatic standby mode is activated when the amplifier detects no input signal, saving energy and extending the expected work life.

With the Soundware software is possible to edit the six pre-loaded presets and store them either of the two free memories. Editable parameters are input equalization, input delay, input high-pass/low-pass filters and the 'bass enhancer' function. A total of 255 units can be controlled simultaneously by the software.

TECHNICAL SPECIFICATIONS

Technical Data	
Speaker Type:	Active 2-Way Line Array Element
Acoustical Data	
Frequency Response (-6dB):	58Hz - 19.000Hz
Calculated Max. SPL (Cont/Peak):	129dB/135dB (Full-Space)
Coverage Angle -6dB (HxV):	90° x 8° or 120° x 8° with optional accessory
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	
Connectors:	Signal: 2 x XLR ; Power: 2 x powerCON
Amplifier Module	
Amplifier Technology:	2 channel switched mode class D with DSP
Section Power (RMS/Program/Peak) LF:	1100W/1480W/2960W
Section Power (RMS/Program/Peak) HF:	550W/740W/1480W
Controller:	PC controlled Networkable DSP 24bit/48kHz
System Presets:	6 Factory and 2 User, selectable via software or rear panel switch
PC Control:	Via RS485 and supplied software "SOUNDWARE"
DSP Adjustable Parameters:	6 PEQ, Delay, HPF, LPF, Bass Enhancer, Level, Polarity, Mute
AC Operating Voltage:	180V - 245VAC
Nominal Power Consumption:	770W
Enclosure	
Dimensions (WxHxD):	602 x 350 x 465 mm
Net Weight:	36 kg