

LAs118A

Active Hybrid-Horn Arrayable Subwoofer



- 2960Wprg amplification
- Small, Versatile, Loud
- Superior bass impact thanks to horn design
- High SPL and low distortion
- Fast, simple Integrated Rigging hardware

OVERVIEW

The Active Hybrid-Horn Arrayable Subwoofer LAs118A is equipped with a custom made B&C, long excursion, 18" neodymium woofer and is internally powered by a DPAmplifier module. As it shares the same rigging technology with the LA122A and LA122WA, a flexible integration, both on the ground or on the top of the LA122A arrays, is possible. In addition it may also be used in arrays consisting entirely of LAs118A subwoofers.

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 Hybrid-Horn Subwoofer
Acoustical Data	
Frequency Response (-6dB):	38Hz - 160Hz
Calculated Max. SPL (Cont/Peak):	136.4dB/139.4dB (Half-space)
Drivers	
Low Frequency:	1 x 18" (460mm), 4" (100mm) VC, B&C custom speaker
Electrical Data	
Connectors:	Signal: 2 x XLR ; Power: 2 x powerCON
Amplifier Module	
Amplifier Technology:	Switched mode class D with DSP
Section Power (RMS/Program/Peak) LF:	2200W/2960W/5920W
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 664 x 750 mm
Net Weight:	67.3 kg