



BLACKBIRD CLA SYSTEM

CLA 700A

CLA LF3200A



Composite Line Array

The CLA700A Composite Line Array and the CLALF3200A Sub Bass Enclosure combine to create the BLACKBIRD CLA Sound Reinforcement System. The BLACKBIRD CLA System is the ideal solution for compact touring or in-house systems offering highly advanced line array technology in a compact and easy to use format. A system comprising 2x CLA700A + 2x CLALF3200A per side can easily cater for audiences in excess of 1000 people.

The CLA700A is a 2 way composite line array cabinet utilising well established line array principles to achieve exceptional frequency response, pattern control and power handling. The Bass/Mid Section features 4x 8", 700 Watt Program Neodymium Loudspeakers. The critical High Frequencies are reproduced by a dual element ISOPHASIC HF Aperture capable of handling 560 Watts Program. The CLA700A's dispersion pattern is 150° Horizontal by 20° Vertical providing maximum audience coverage with unparalleled intelligibility. When 2x CLA700A's are stacked the vertical dispersion is reduced to 10°. Frequency response is flat 50Hz to 20kHz.

The 18" transducer CLALF3200A Sub Bass System is tailored to perfectly compliment the CLA700A. Power handling is 3,200 watts per cabinet with a frequency response from 32Hz to 200Hz. BLACKBIRD CLA Systems can use 4x CLA LF3200A Sub Bass Cabinets per 2x CLA700A to provide additional low end reinforcement. Acoustic Technologies Factory Recommended Settings guarantee optimal system performance, power handling and reliability.

The cabinets are finished in black AcoustiCoate polymer with powder coated grilles.

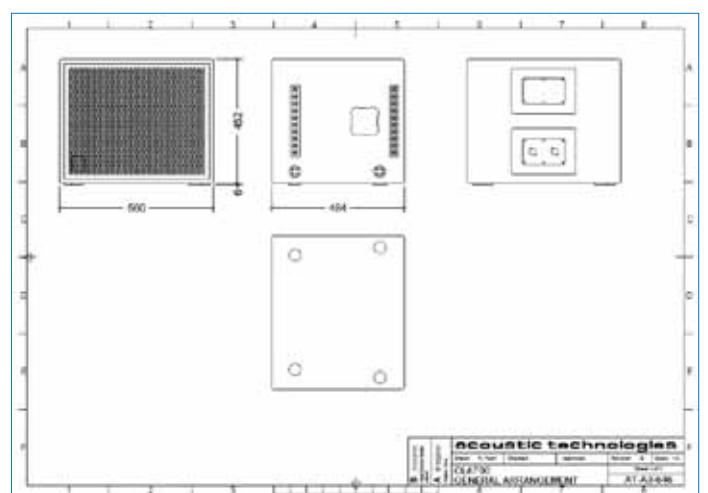
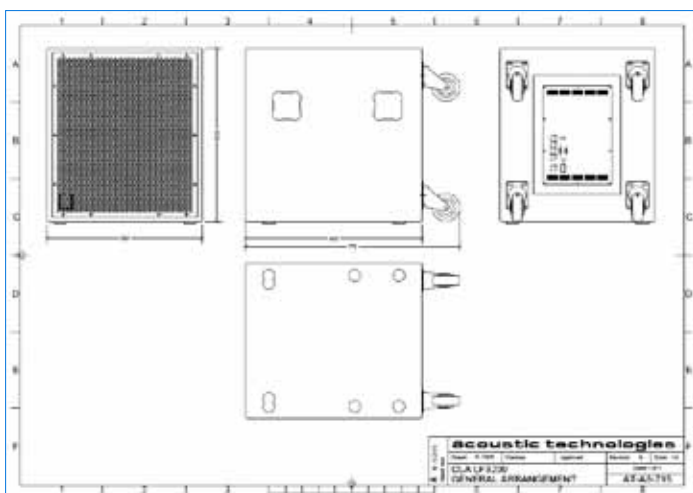
The Blackbird CLA700A and CLALF3200A are self-powered speaker systems utilising PowerSoft DSP amplification platforms. Each PowerSoft module delivers 3200 watts.

The BLACKBIRD CLA is a modular system allowing various cabinet and amplifier configurations to suit a wide range of sound reinforcement applications.

Please contact Acoustic Technologies for the range of BLACKBIRD CLA System details and pricing.



Touring and Installation





BLACKBIRD CLA SYSTEM

CLA700A

CLA LF3200A



PROFESSIONAL AUDIO PRODUCTS
MADE IN AUSTRALIA

Touring and Installation

CLA 700A Specifications

Transducer Complement	4 x 8" Bass-Mid Transducer 2 x 1.5" H.F. Transducer on ISOPHASIC Aperture
Frequency Response	50 Hz - 20 kHz \pm 3 dB
Sensitivity	102 dB @ 1 Watt, 1 metre
Amplifier Specifications	
Input Impedance	10k Balanced
Amplifier Module Output Power	1600 + 1600 Watts RMS
Amplifier Module Type	Dual Channel Class D with on-board DSP Switch Mode Power Supply
Maximum SPL	Continuous: 133 dB @ 1 metre Program: 136 dB @ 1 metre Peak Program: 139 dB @ 1 metre
Nominal Impedance	Bass / Mid: 8 Ohms H. F.: 16 Ohms
High Frequency Dispersion	150° (Horizontal) x 20° (Vertical)
Physical Size	Height 452mm, Width 560mm, Depth 484mm
Net Weight	41 Kgs
Connectors	2 x Neutrik NL8MP Speakon Connectors
Hardware	2 x Handgrips Cabinet Flying Hardware Cabinet Locating and Safety Attach Points for safe cabinet ground stacking
Cabinet Finish	AcoustiCoate Black Elastomer Finish
Grille Finish	Black Powder Coat Paint Finish

CLA LF3200A Specifications

Transducer Complement	1 x 18" Sub Bass Transducer
Frequency Response	32 Hz - 200 Hz \pm 3 dB
Sensitivity	98 dB @ 1 Watt, 1 metre
Amplifier Specifications	
Input Impedance	10k Balanced
Amplifier Module Output Power	3200 Watts RMS
Amplifier Module Type	Dual Channel Class D with on-board DSP Switch Mode Power Supply
Maximum SPL	Continuous: 133 dB @ 1 metre Program: 136 dB @ 1 metre Peak Program: 139 dB @ 1 metre
Nominal Impedance	1 x 4 Ohms
Physical Size	Height 1105mm, Width 560mm, Depth 640mm (excluding castors) - 770mm (including castors)
Net Weight	49 Kgs
Hardware	6 x Handgrips 4x Castors Cabinet Locating and Safety Attach Points for safe cabinet ground stacking
Cabinet Finish	AcoustiCoate Black Elastomer Finish
Grille Finish	Black Powder Coat Paint Finish

Suggested Applications

- ▣ Live Music Presentations
- ▣ Dance Clubs
- ▣ Outdoor Sporting Events
- ▣ Houses of Worship
- ▣ Corporate Presentations
- ▣ Concert Sound
- ▣ Festivals
- ▣ Public Events

Sensitivity, Maximum Power and SPL measurements are conducted in accordance with the AES 24 Hour Pink Noise Standard.

Acoustic Technologies reserve the right to alter or amend CLA700A and the CLA LF3200A, without prior warning in the interests of product improvement.



Acoustic Technologies

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