
TLA306B

BLACKBIRD Line Array Sub Bass Loudspeaker System



acoustic technologies

The Acoustic Technologies TLA306B is a dedicated sub bass loudspeaker system designed to be flown with the TLA306 Line Array System.

The TLA306B is an extremely powerful direct radiating cabinet loaded with a proprietary 12" low frequency transducer developed specifically for the TLA Series of Line Array Systems. The transducer exhibits an exceptionally fast transient response, has a power handling capacity of 2,000 Watts Program Power and exhibits a linear frequency response across the entire operating range.

The extensively braced cabinet is constructed from premium grade void free Finnish Birch ply and is fitted with a rugged perforated steel grille to protect the transducer. The cabinet is finished in black AcoustiCoate elastomer and fitted with dual Neutrik NL8MP connectors. The cabinet is also available in a selected range of custom finishes on request.

The Blackbird Flying Hardware System is an integral part of the design allowing vertical arrays of TLA306B sub-bass cabinets and TLA306 line array cabinets to be easily flown or ground stacked. Inter-cabinet angles are adjustable in 1° increments. The flying system is designed so that all parts are integral to the cabinet frame ensuring no parts are lost in transit.

The TLA306 Blackbird Line Array System is ideal for compact touring systems, outdoor music festivals and sporting events, corporate presentations and a wide range of in-house sound reinforcement applications including houses of worship, theatres and showrooms.

TLA306B Blackbird Line Array EXCELLENCE IN AUDIO

TLA306B

Blackbird Line Array

TLA306B

Blackbird Line Array

FEATURES

- Line Array System Sub Bass
- Flyable and Arrayable
- Integrated Flying Hardware
- Compact Design
- 3 Year Warranty

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SPECIFICATIONS

Transducer Complement	1 x 12" Sub-Bass Neodymium Transducer	
Frequency Response	40 Hz - 200 Hz ± 3 dB	
Sensitivity	96 dB @ 1 watt, 1 metre	
Maximum Input Continuous	1,000 Watts RMS	
Maximum Input Program	2,000 Watts Program	
Maximum Input Peak Program	4,000 Watts Peak Program	
Maximum SPL Peak Program (Calculated)	135 dB @ 1 metre	
Nominal Impedance	8 Ohms	
Curved Array Cabinet Angle	Maximum 5° when connecting to TLA306. Adjustable in 1° Steps	
Recommended Crossover Frequencies and Filter Slopes	Refer to Acoustic Technologies for Factory Recommended system settings See website for further details	
Physical Size	490mm(W) x 350mm(H) x 510mm(D)	
Net Weight	22 Kg	
Connectors	2 x NL8MP Speakon Connectors	
Cabinet Finish	AcoustiCoate Black Elastomer Finish. A selected range of custom finishes available on request.	
Grille Finish	Black Powder Coat Paint Finish.	
Flying Hardware	Load Rating Safety Factor	TLA306 Flying Hardware System 2x TLA306B + 16x TLA306 cabinets Greater than 10. (Confirmed by destructive testing)
Top Flying Frame	Application Dimensions Weight Load Rating Safety Factor	TFF306 Flying Frame Ground Stacked or Flown Systems 462mm(W) x 146mm(H) x 473mm(D) 9 Kg 2x TLA306B + 16x TLA306 Greater than 10. (Confirmed by destructive testing)

APPLICATIONS

- **Live Music Presentations**
- **Dance Clubs**
- **Outdoor Sporting Events**
- **Houses of Worship**
- **Corporate Presentations**
- **Concert Sound**
- **Festivals**
- **Public Events**
- **Live Theatre**
- **Compact Touring Systems**



The TLA306B enclosure is constructed of high quality void free Finnish Birch Ply.

The transducers are protected by a rugged perforated steel grille. Acoustically transparent PVC foam is bonded to the mesh providing a durable, visually appealing finish.

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 the TLA306B Blackbird Line Array Loudspeaker without prior warning in the interests of product improvement.

Acoustic Technologies

8-10 Staple Street
Seventeen Mile Rocks
Brisbane, Qld 4073
Australia

Phone (07) 3376-4122
Fax (07) 3376-5793

International

Phone 617 3376-4122
Fax 617 3376-5793

Email & Internet

info@atprofessional.com.au
www.atprofessional.com.au