



AL310-B

DUAL 10" 3-WAY FULL RANGE LINE ARRAY SYSTEM

TECHNICAL DATA SHEET

PRODUCT SUMMARY

PLEASE NOTE: This product is stocked and shipped from your warehouse in China. This product is ONLY available for sale in Asia.

The AtlasIED AL310-B is a 3-way passive design housing 2 x 10" LF drivers, one horn loaded 8" MF driver and two 1.4" exit HF compression drivers with 3" voice coils mounted to a dedicated wave-shaping device. The symmetrical dipolar arrangement of the neodymium LF drivers around the centrally mounted coaxial MF and HF components allows a smooth overlap of the adjacent frequency bands in the crossover design. The mechanical and acoustical design enables flown vertical arrays of up to twenty-four loudspeakers. It can be used in columns of purely AL310-B loudspeakers or combined with AL1812-B. The AL310-B cabinet is constructed from plywood and has an impact and weather protected PCP (Polyurea Cabinet Protection) finish. The front of the loudspeaker cabinet is protected by a rigid metal grill backed by an acoustically transparent foam. Each side panel incorporates a handle, while two additional recessed grips are provided at the rear bottom of the cabinet.

FEATURES

- 3-way passive system.
- Small in size, high in power.
- Use neodymium LF, MF & HF driver.
- High sound pressure level, suitable for medium to large-sized venues.
- Waterproof polyurea coating, suitable for outdoor performances.
- Can be combined and suspended with the AL1812-B subwoofer.

APPLICATIONS

- Multi-Purpose Halls
- Banquet Halls
- Large Auditoriums
- Conference Halls
- Exhibition Halls
- Command Centers
- Large Outdoor Venues, etc.

AL310-B

DUAL 10" 3-WAY FULL RANGE LINE ARRAY SYSTEM



TECHNICAL DATA SHEET

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	
Type	3-Way, Full Range, Line Array Loudspeaker
Components	2 x 10" Neodymium LF; 1 x 8" Neodymium MF; 2 x 1.4" Neodymium Exit HF
LF Power (RMS) & Impedance	300W / 16Ω x2
MF Power (RMS) & Impedance	150W / 16Ω
HF Power (RMS) & Impedance	160W / 16Ω
Frequency Response (-5dB)	67Hz - 18kHz
Maximum SPL (1M)	139dB
Nominal Dispersion Angle (horizontal)	80°
Splay Angle Settings	0° - 14° (1° increment)
Connectors	2 x NLT8 (LLF: 1-/2+; RLF: 3-\4+; MF: 5-\6+; HF: 7-\8+)
Dimension (H*W*D)	310 x 700 x 460 mm
Weight	34 kg
Optional Fly Frame	LFF310

©2024 Atlas Sound LP. The Atlas "Circle A", Soundöler, and Atlas Sound are trademarks of Atlas Sound L.P. IED is a Registered Trademark of Innovative Electronic Designs LLC. All rights reserved. All other Trademarks are property of their respective owners. No endorsement is implied. Due to continual product development, specifications are subject to change without notice. ATS008326 RevB 04/25