



AL1812-B

18" + 12" CARDIOID SUBWOOFER 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 AL1812-B is an actively driven, high-performance cardioid subwoofer that perfectly matches the AL310-B. When connected, it perfectly demonstrates a synchronized acoustic and visual design. It houses two long excursion woofers, an 18" driver in a bass-reflex design facing to the front and a 12" driver in a two chamber bandpass design radiating to the rear. The cardioid dispersion pattern resulting from this approach avoids unwanted energy behind the system that reduces the reverberant field at low frequencies and provides the greatest accuracy of low frequency reproduction. The AL1812-B can be used to supplement AL310-B loudspeakers in various combinations, ground stacked or flown, either integrated on top of a AL310-B array or as a separate column. The AL1812-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 two handles

FEATURES

- High-performance cardioid subwoofer.
- 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 AL310-B line array speaker.

APPLICATIONS

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

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18"+ 12" CAROID SUBWOOFER SYSTEM



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TECHNICAL SPECIFICATIONS

SPECIFICATIONS	
Type	High-performance cardioid subwoofer
Components	1 x 18" LF drive; 1 x 12" LF driver
18" LF Power (RMS) & Impedance	800W / 8Ω
12" LF Power (RMS) & Impedance	300W / 8Ω
18" LF Frequency Response (-5dB)	30Hz - 600Hz
12" LF Frequency Response (-5dB)	30Hz - 600Hz
Maximum SPL (1M)	133dB
Nominal Dispersion Angle	Omnidirectional
Splay Angle Settings	0° - 2.5°
Connectors	2 x NL4 (18": ±1; 12": ±2)
Dimension (H*W*D)	600 mm x 705 mm x 735 mm
Weight	62.5 kg
Optional Fly Frame	LFF310

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