

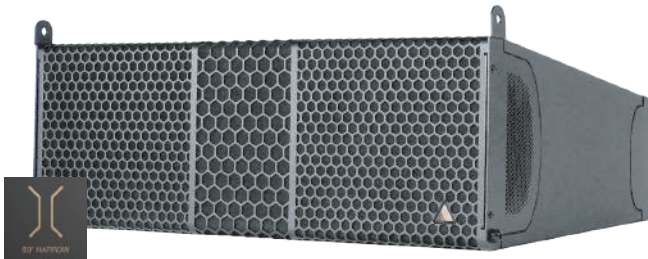
IS10n/IS10nb

The IS10n is a 2-way, full range line array cabinet containing 2x ND10-LM Low-Mid drivers (2x 16 Ω) and an NH4TA2 1.5" exit compression driver (8 Ω). The critically optimized waveguide produces a slightly curved wavefront with a nominal dispersion pattern of 80° x 10° (H x V). The waveguide's efficiency allows for increased vertical dispersion without sacrificing high frequency presence in the far field. Controlled Summation Technology further eliminates low-mid lobing normally associated with 2-way line source systems.

The cabinet construction uses marine grade birch plywood as well as aircraft grade aluminum, and is equipped with two Speakon™ NL4 connectors (IS10n), or barrier strips (IS10nb). A plate and screw rigging system is recessed in the interior of the rear rigging fins for easy assembly.

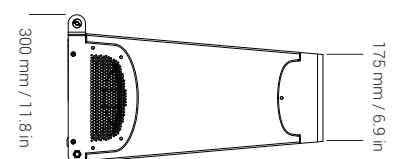
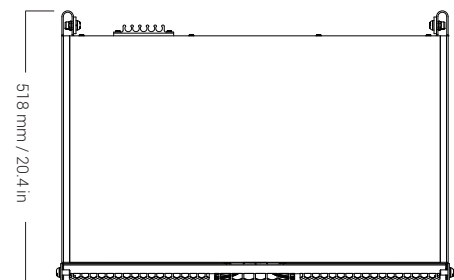
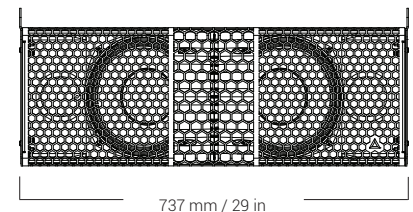
The IS10n is suited to a wide variety of applications. Its full range capability (60 Hz) at reasonable levels qualifies for applications where sub is not required. Increased vertical coverage (10°) enables the IS10n to cover theaters, arenas and stadiums with reasonable speaker quantity. Other target applications include dance clubs, large meeting rooms and contemporary churches.

The IS10n is also available in a **weatherized** version, purpose-built for use in challenging environmental conditions. Weatherized cabinets feature structural steel elements made of a high yield strength stainless alloy that offers 100% corrosion resistance. They also include an additional protective mesh on the inside of the front grill, as well as an interior and exterior coating that provides a water-resistant seal and allows for easy cleaning and removal of dirt, grime, saltwater, or sand. Weatherized enclosures are rated to IP55 while their cable glands are rated to IP68.



Specifications

Frequency Range (+/- 3dB)	60 Hz - 18 kHz
Nominal Directivity (-6 dB) H x V	80° x 10°
Maximum Peak SPL**	141.3 dB
Components LF	2x ND10-LM 10" Kevlar Neodymium Driver
Components HF	Adamson NH4TA2 4" Diaphragm / 1.5" Exit Compression Driver
Nominal Impedance LF	2 x 16 Ω (8 Ω)
Nominal Impedance HF	8 Ω
Power Handling (AES / Peak) LF	700 / 2800 W
Power Handling (AES / Peak) HF	160 / 640 W
Rigging	Integrated Rigging System
Connection	2x Speakon™ NL4 or Barrier Strips or Cable Gland
Height Front (mm / in)	300 / 11.8
Height Back (mm / in)	175 / 6.9
Width (mm / in)	737 / 29
Depth (mm / in)	518 / 20.4
Weight (kg / lbs)	25 / 55.2
Colour	Black & White (Standard), RAL Colours (On Demand)
Processing	Lake



**12 dB crest factor pink noise at 1m, free field, using specified processing and amplification