S10n

The S10n is a 2-way, full range line array cabinet containing 2x ND10-LM Kevlar Neodymium 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. Patent-pending 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 steel and aluminum, and is equipped with two Speakon™ NL8 connectors. The rigging system incorporates the best aspects of previous advancements in our new SlideLock rigging technology.

The S10n 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 S10n to cover theaters, arenas and stadiums with reasonable speaker quantity. Other target applications include dance clubs, medium size festivals, corporate events and contemporary churches.

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	SlideLock Rigging System
Connection	2x Speakon™ NL8
Height Front (mm / in)	265 / 10.4
Height Back (mm / in)	178 / 7
Width (mm / in)	737 / 29
Depth (mm / in)	526 / 20.7
Weight (kg / lbs)	27 / 60
Processing	Lake

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