



S7p

The S7p is a 2-way, full range point source cabinet containing 2x ND7-LM16 Low-Mid drivers (2x 16 Ω) and an NH3-8 1.4" exit compression driver (8 Ω). The prolate spheroidal waveguides produce a nominal dispersion pattern of 70° x 40° (H x V), rotatable by 90° increments.. The design of the waveguide ensures equal tonal balance when moving outside of the intended coverage pattern, delivering natural sound with no diffraction or lobing. The S7p can be operated in passive or bi-amped mode, which is user-defined through a switch on the jackplate.

The cabinet construction uses marine grade birch plywood as well as aircraft grade aluminum and steel, and is equipped with two Speakon™ NL4 connectors. A disc rigging system is placed on four faces of the enclosure, with a multitude of accessories allowing the enclosure to be deployed seamlessly in a variety of applications.

The S7p is suited to a wide variety of applications. Its full range capability (80 Hz) at reasonable levels qualifies for applications where sub is not required. Target applications include performing arts centers, live performance venues, sports venues, conference centers and houses of worship. The uniform voicing across the entire S-Series and E-Series makes the S7p the natural choice for front fill applications.

Specifications

Frequency Range (+/- 3dB)	80 Hz - 18 kHz
Nominal Directivity (-6 dB) H x V	70° x 40° rotatable
Maximum Peak SPL	136.5 dB (135 dB in passive)*
Components LF	2x ND7-16 7" Kevlar Neodymium Driver
Components HF	NH3-8 3" Diaphragm / 1.4" Exit Compression Driver
Nominal Impedance LF	8 Ω (2 x 16 Ω in parallel)
Nominal Impedance HF	8 Ω
Nominal Impedance Passive	6 Ω
Power Handling (AES / Peak) LF	500 / 2000 W
Power Handling (AES / Peak) HF	110 / 440 W
Power Handling (AES / Peak) Passive	500 / 2000 W
Rigging	Integrated Rigging System
Connection	2x Speakon™ NL4
Height (mm / in)	527 / 20.75
Width Front (mm / in)	249 / 9.8
Width Rear (mm / in)	170 / 6.6
Depth (mm / in)	356 / 14
Weight (kg / lbs)	15 / 33
Processing	Lake (2-way Module, or 1-way module in passive)

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

