

IS7p/IS7pb

The IS7p 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) loaded with either a 70° x 40° or 100° x 50° (H x V) waveguide, 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 cabinet construction uses marine grade birch plywood as well as aircraft grade aluminum and steel, and is equipped with two Speakon™ NL4 connectors (IS7p), or barrier strips (IS7pb). A plate and screw 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 IS7p 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. The choice in dispersion pattern enables the IS7p to supplement larger systems as a fill cabinet, or to handle smaller applications on its own. Other target applications include performing arts centers, live performance venues, sports venues, conference centers and houses of worship.

The IS7p 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)	80 Hz - 18 kHz
Nominal Directivity (-6 dB) H x V	70° x 40° or 100° x 50° Rotatable
Maximum Peak SPL**	136.5 dB
Components LF	2x ND7-LM16 7" Kevlar Neodymium Driver
Components HF	Adamson NH3-8 3" Diaphragm / 1.4" Exit Compression Driver
Nominal Impedance LF	8 Ω (2x 16 Ω)
Nominal Impedance HF	8 Ω
Power Handling (AES / Peak) LF	500 / 2000 W
Power Handling (AES / Peak) HF	110 / 440 W
Rigging	Integrated Rigging System
Connection	2x Speakon™ NL4 or Barrier Strips or Cable Gland
Height (mm / in)	527 / 20.75
Width Front (mm / in)	251.5 / 9.9
Width Rear (mm / in)	170 / 6.7
Depth (mm / in)	356 / 14
Weight (kg / lbs)	15 / 33.1
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

