Indigo 6 Pro

Key features:

- Ultra-modern appearance for style-led environments
- Wide conical 90°H x 90°V dispersion pattern
- Sculpted fibreglass enclosure
- 6.5" low frequency driver
- 1" coxial high frequency compression driver
- Dedicated wall bracket, optional subwoofer mount bracket
- High gloss metallic or fine textured matt finish

Applications:

- Nightclub fill
- Cruise ships
- Outdoor
- Bar, club, lounge
- Live music venues

The Indigo 6 Pro is a higher power version of the Indigo 6s, providing increased efficiency and output. Stand-alone applications for the Indigo 6 Pro include providing high quality sound for small bars, lounges and restaurants, home theatre 5.1 surround sound, and area fill when used with a larger main system in clubs.

Specifications

Frequency Response	68 Hz - 21 kHz $\pm$3 dB
Efficiency[1]	93 dB 1W/1m
Crossover Points	2.2 kHz passive
Nominal Impedance	8 Ω
Power Handling[2]	200 W AES
Maximum Output[3]	115 dB cont, 118 dB peak
Driver Configuration	1 x 6.5" LF, 1 x 1" coaxial high frequency compression driver
Dispersion	90°H x 90°V
Protection	HF electronic device
Connectors	Phoenix connector, binding posts or 4-pole speakON™ NL4
Weight	5.2 kg (11.5 lbs)
Enclosure	Fibreglass
Rigging	i6 wall bracket (supplied) i12 bracket to mount Indigo 6s above Indigo 12 (optional)
Finish	Smooth cellulose or fine textured matt
Grille	Perforated steel with foam filter
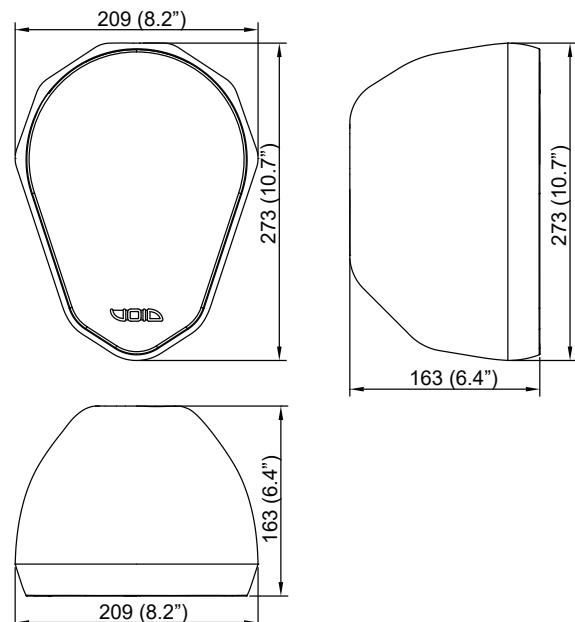
[1] Measured in half space [2] AES2 - 1984 compliant [3] Calculated

209 (8.2")
273 (10.7")
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163 (6.4")
163 (6.4")
209 (8.2")

VOID

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Architectural specifications

The loudspeaker shall be a passive two-way system consisting of one high power 6.5" (125 mm) direct radiating, reflex loaded, low frequency (LF) transducer and 1" (25 mm) diameter co-axially-mounted neodymium high frequency (HF) compression driver transducer mounted in a fibreglass enclosure with smooth cellulose finish.

The co-axial transducer shall be constructed on a cast aluminium frame with the low frequency transducer consisting of a polycarbonate LF cone with its dust cap removed with a 25.4 mm (1.5") voice coil, wound with copper wire on a high quality voice coil former, for high power handling and long-term reliability. The high frequency transducer shall be bolted through the rear of the magnet structure belonging to the LF transducer to form a co-axial drive unit. The sound will project through a machined waveguide that exits in the centre of the low frequency transducer to use the 166 mm (6.5") baffle diameter to achieve pattern control and low distortion.

Performance specifications for a typical production unit shall be as follows: the usable on-axis bandwidth shall be 68 Hz to 21 kHz (+3 dB) and shall average 90° directivity pattern for both horizontal and vertical axis (-6 dB down from on-axis level) from 1 kHz to 12 kHz. Maximum SPL shall be 118 dB peak measured at 1 m using IEC268-5 pink noise. Power handling shall be 200 W AES at a rated impedance of 8 Ω. Crossover point shall be at 2.2 kHz using a 4th order filter (24 dB per octave). The system shall be powered by its own dedicated power amplification module with DSP management.

The wiring connection shall be via a single removable, lockable wiring connector with four screw-down terminals (one pair for input and one pair for loop-out to another loudspeaker) to provide secure wiring and allow for pre-wiring of the connector before the installation. This connector should then screw lock to the enclosure to ensure secure attachment.

The enclosure shall be of a moulded fibreglass reinforced plastic construction with a smooth cellulose finish and shall include integral threaded inserts for the fitment of wall and ceiling mounting hardware of any RAL colour with external dimensions of (W) 273 mm x (H) 209 mm x (D) 163 mm (10.7" x 8.2" x 6.4"). Weight shall be 5.2 kg (11.5 lbs).
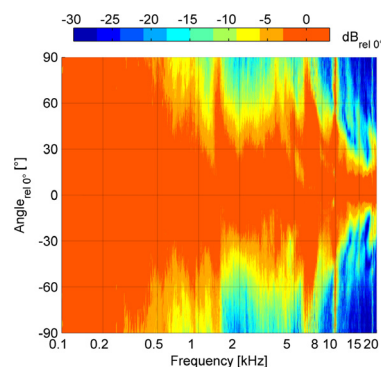
The loudspeaker shall be the Void Acoustics Indigo 6 Pro.
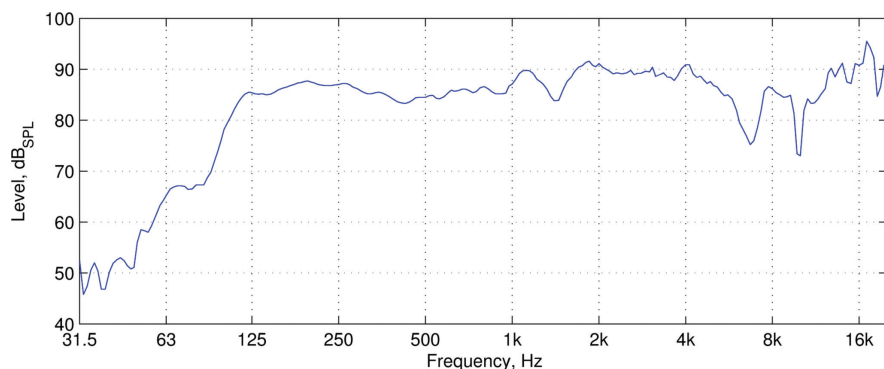
Frequency response (Anechoic measurement)
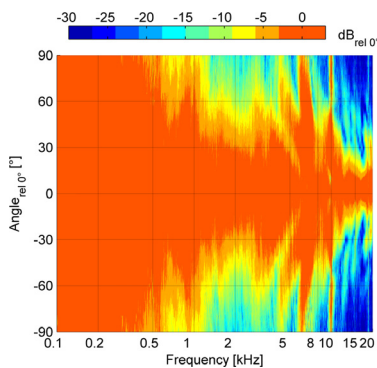
Horizontal directivity isobars

Vertical directivity isobars

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