Indigo 6s

Key features:

- Passive 6.5" two-way surface mount loudspeaker
- Ultra-modern appearance for style-led environments
- Wide 90°H x 90°V dispersion pattern
- Sculpted fibreglass enclosure
- 6.5" low frequency transducer
- 1" soft dome high frequency tweeter
- Dedicated wall bracket, optional subwoofer mount bracket
- High gloss metallic finish

Applications:

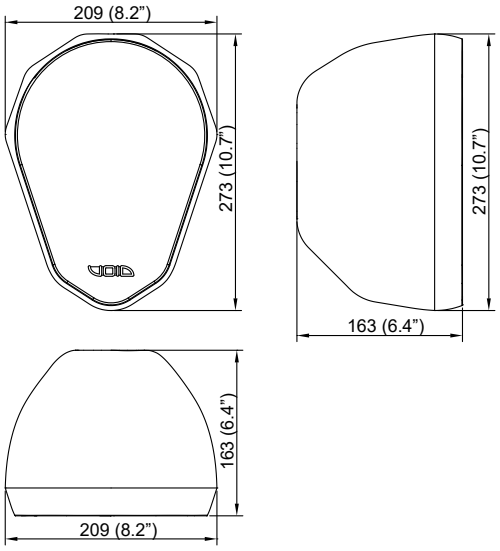
- Nightclub fill
- VIP room
- Cruise ships
- Outdoor
- Hotel, restaurant
- Live music venues

The passive two-way Indigo 6s loudspeaker is compact, efficient and emanates style, perfect for any modern, style-conscious venue. It can be used without a low frequency enclosure for small bars, lounges, restaurants, and as area fill when used in conjunction with a larger main system in clubs. Adding an Indigo Sub extends the frequency response and expands its possibilities to include medium-sized bars, lounges, and restaurants, and fill for larger club areas that already have a main dance floor system.`

Specifications

Frequency Response	70 Hz - 23 kHz ±3 dB
Efficiency[1]	90 dB 1W/1m
Crossover Points	3.2 kHz passive
Nominal Impedance	8 Ω
Power Handling[2]	80 W AES
Maximum Output[3]	109 dB cont, 115 dB peak
Driver Configuration	1 x 6.5" LF, 1 x 1" soft dome tweeter
Dispersion	90°H x 90°V
Connectors	Phoenix connector
Weight	2.2 kg (4.9 lbs)
Enclosure	Fibreglass
Mounting	Bracket included
Finish	High gloss metallic finish
Grille	Perforated steel with foam filter

[1] Measured in half space [2] AES2 - 1984 compliant [3] Calculated



Version 1.0

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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 soft dome tweeter high frequency (HF) transducer mounted in a fibreglass enclosure with a smooth cellulose finish.

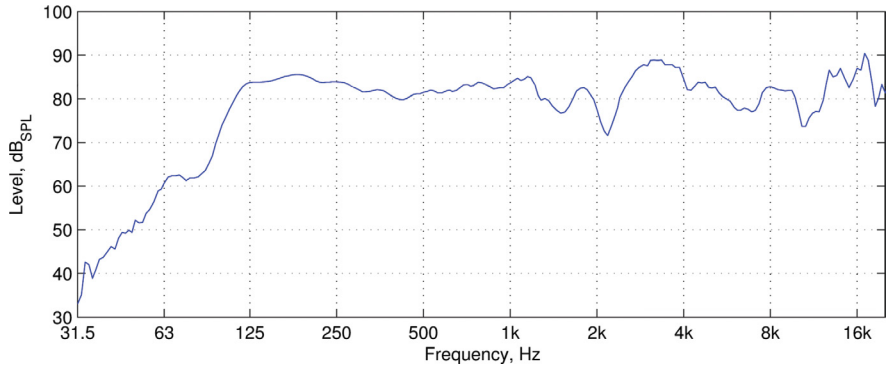
The low frequency (LF) transducer shall be constructed on a cast aluminium frame with treated paper cone and a 25.4 mm (1.5") voice coil, wound with copper wire on a high quality voice coil former, for high power handling and long-term reliability. The high frequency transducer shall be a soft dome tweeter and shall project it's sound through a high precision constant directivity waveguide 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 70 Hz to 23 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; and a maximum SPL of 115 dB peak measured at 1 m using IEC268-5 pink noise. Power handling shall be 80 W AES at a rated impedance of 8 Ω; crossover point at 3.2 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.

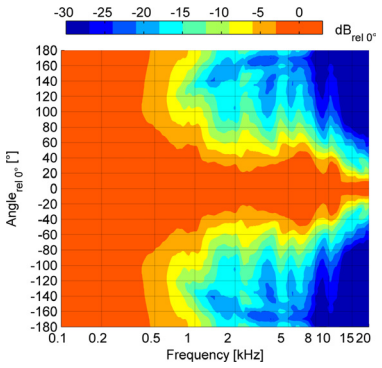
The wiring connection shall be via a single removable, lockable wiring connector with four screw-down terminals (one pair for input and one pair for loop-out to another loudspeaker) to provide secure wiring and allow for pre-wiring of the connector before the installation. This connector should then 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 (H) 273 mm x (W) 209 mm x (D) 163 mm (10.7" x 8.2" x 6.4"). Weight shall be 2.2 kg (4.9 lbs).

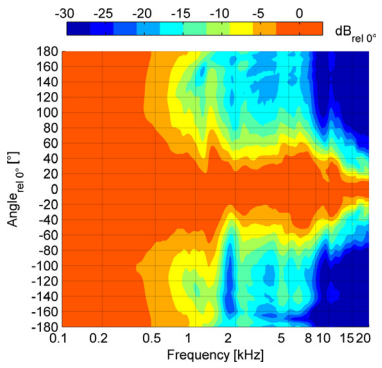
The loudspeaker shall be the Void Acoustics Indigo 6s.



Frequency response (Anechoic measurement)



Horizontal directivity isobars



Vertical directivity isobars