Air 8

Key features:

- Passive 8" two-way surface mount loudspeaker
- Linear frequency and phase characteristics
- High-power internal crossover for ease of setup
- Low resonance fibreglass composite construction
- Supplied Air 8 wall bracket
- Optimised dispersion provides greater direct to reflected sound
- Phoenix Connector with Link Out

Applications:

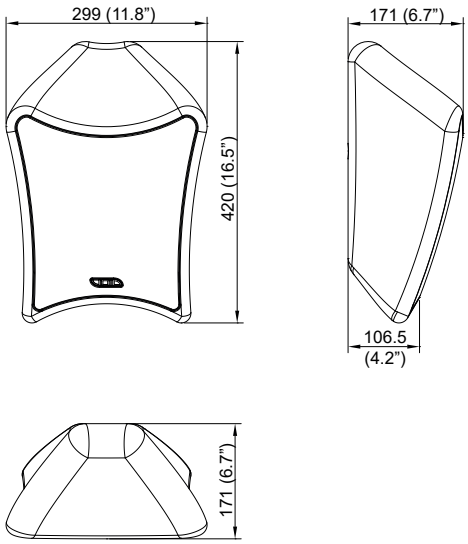
- Nightclub fill
- VIP room
- House of worship
- Bar, club, lounge
- Hotel, restaurant
- Theatre
- Corporate and AV

The Air 8 is an interior designer's dream come true and a sound purist's heaven. Highly refined in-house designed components, combined in a modern work of art. This installation-friendly package provides impressive efficiency for its compact, stylish form.

Specifications

Frequency Response	70 Hz - 20 kHz ±3 dB
Efficiency[1]	95 dB 1W/1m
Crossover Points	2 kHz passive
Nominal Impedance	8 Ω
Power Handling[2]	300 W AES
Maximum Output[3]	119 dB cont, 121 dB peak
Driver Configuration	1 x 8", 1 x 1" coaxial
Dispersion	90°H x 90°V
Connectors	Phoenix
Weight	6.2 kg (13.2 lbs)
Enclosure	Fibreglass composite
Mounting	Air 8 wall bracket (supplied)
Colour	Custom colours available upon request

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



TD10706-1.1 - Version 1.1

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Architectural specifications

The loudspeaker shall be a passive two-way system consisting of one high power 8" (203.2 mm) direct radiating reflex loaded low frequency (LF) transducer and a 1" (25 mm) diameter co-axially-mounted neodymium high frequency (HF) compression transducer mounted in a fibreglass, smooth cellulose enclosure.

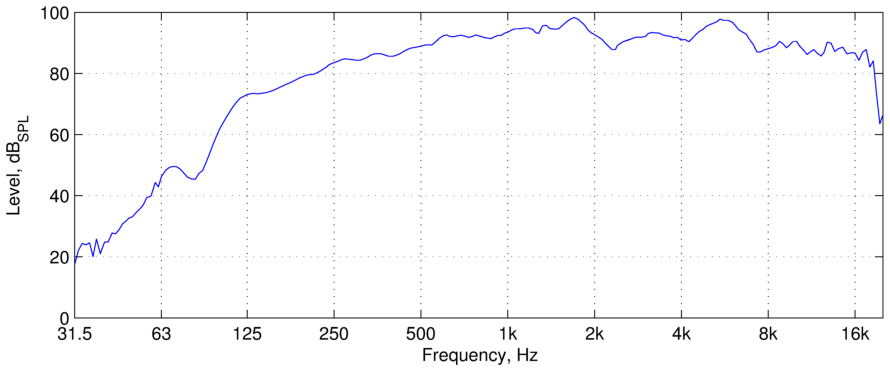
The low frequency transducer shall be constructed on a cast aluminium frame, with a treated paper cone, 50.8 mm (2") voice coil, wound with copper wires on a high quality voice coil former, for high power handling and long-term reliability. The high frequency transducer shall be bolted through the rear 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 203.2 mm (8") baffle diameter to achieve pattern control and low distortion.

Performance specifications for typical production unit shall be as follows: the usable on-axis bandwidth shall be 70 Hz to 20 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 10 kHz; maximum SPL of 119 dB continuous, 121 dB peak measured at 1 m using IEC268-5 pink noise. Power handling shall be 300 W AES at a rated impedance of 8 Ω; crossover point at 2 kHz using a 4th order filter (24 dB per octave).

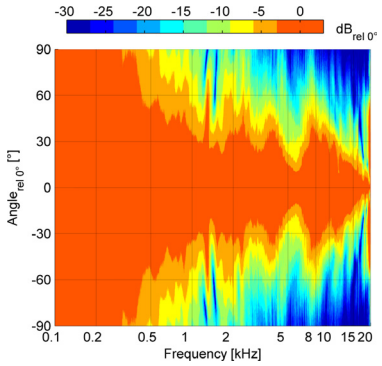
The wiring connection shall be via a single, removable, lockable wiring connector with four screw-down terminals (one pair for input and one pair for loop-out to another loudspeaker) to provide secure wiring and to allow for pre-wiring of the connector before the installation. This connector should then 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) 420 mm x (W) 299 mm x (D) 171 mm (16.5" x 11.8" x 6.7"). Weight shall be 6.2 kg (13.7 lbs).

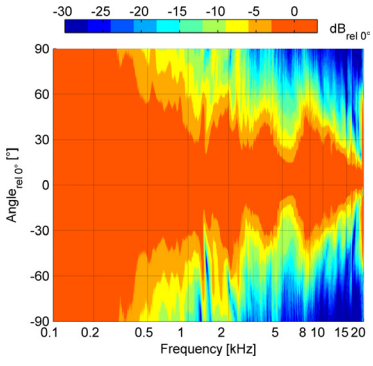
The loudspeaker shall be the Void Acoustics Air 8.



Frequency response (Anechoic measurements)



Horizontal directivity isobars



Vertical directivity isobars