

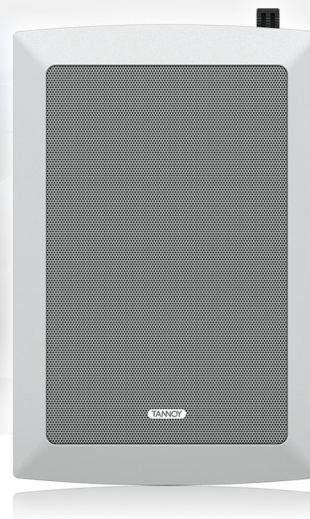
Install

iW 4DC-WH

2 Way 4" Dual Concentric
In-Wall Loudspeaker (White)

- 2 way compact wall mount loudspeaker for multi-zone music and AV systems
- Dual Concentric driver technology provides class-leading coherence and point-source imaging
- 4" Dual Concentric driver delivers unrivalled musical articulation and speech intelligibility
- 60 Watts continuous, 240 Watts peak power handling delivers exceptional dynamics and realism
- Highly efficient 88 dB/Watt sensitivity
- Wide band tweeter technology
- Robust construction and performance allows use within commercial environments
- Ideal for paging systems, boardrooms, offices, business music systems, reception rooms, houses of worship, retail outlets, shopping malls and bars.
- Weather resistant steel mesh grille to protect driver
- Semi matt white finish fits unobtrusively in any environment
- Both baffle and grille may be painted to match decor
- Innovative self-aligning clamping system for easy installation into standard stud partition wall

The Tannoy iW 4DC is a full bandwidth in wall speaker system, using a 100 mm (4.00") Tannoy Dual Concentric point source, constant directivity drive unit, designed for installation into standard stud partition wall systems. It may also be used in cavity wall installations constructed with standard thickness drywall as well as a wide range of other wall construction types with a surface thickness of up to 25 mm (1.00").



Superb Performance

Featuring a wide bandwidth frequency response and very low distortion, the iW 4DC is also equipped with dynamic high frequency protection. This compact unit is specifically designed for applications requiring the combination of premium sonic quality for music and speech reinforcement and exceptional reliability and intelligibility.

Install

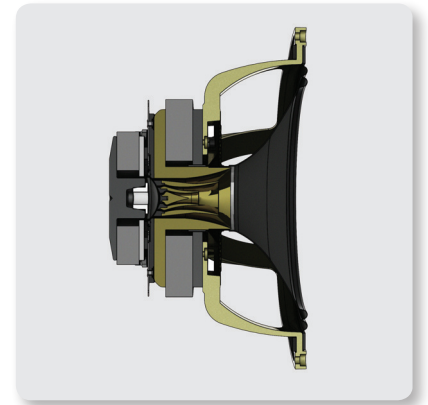
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- Screw terminal connections aid installation
- Tannoy - Over 90 years of British sound heritage and innovation
- 10-Year Warranty Program*
- Designed and engineered in the U.K.

Tannoy Dual Concentric

The Tannoy Dual Concentric drive unit comprises a multi fibre paper pulp mid bass cone and a 19 mm (0.75") ferrofluid cooled, titanium dome HF unit with neodymium magnet system. The mid-bass and tweeter sections of this constant directivity driver are coincidentally aligned to a true point source; ensuring a wide and controlled dispersion for optimum coverage.



Attractive & Easy to Install

The semi matt white, powder coated weather resistant perforated steel mesh grille and baffle can be painted to match any décor, and features screw terminal wire connections, plus an innovative self-aligning clamping system for easy installation into standard stud partition walls.

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You Are Covered

We always strive to provide the best possible Customer Experience. Our products are made in our own [Music Tribe](#) factory using state-of-the-art automation, enhanced production workflows and quality assurance labs with the most sophisticated test equipment available in the world. As a result, we have one of the lowest product failure rates in the industry, and we confidently back it up with a generous [Warranty program](#).

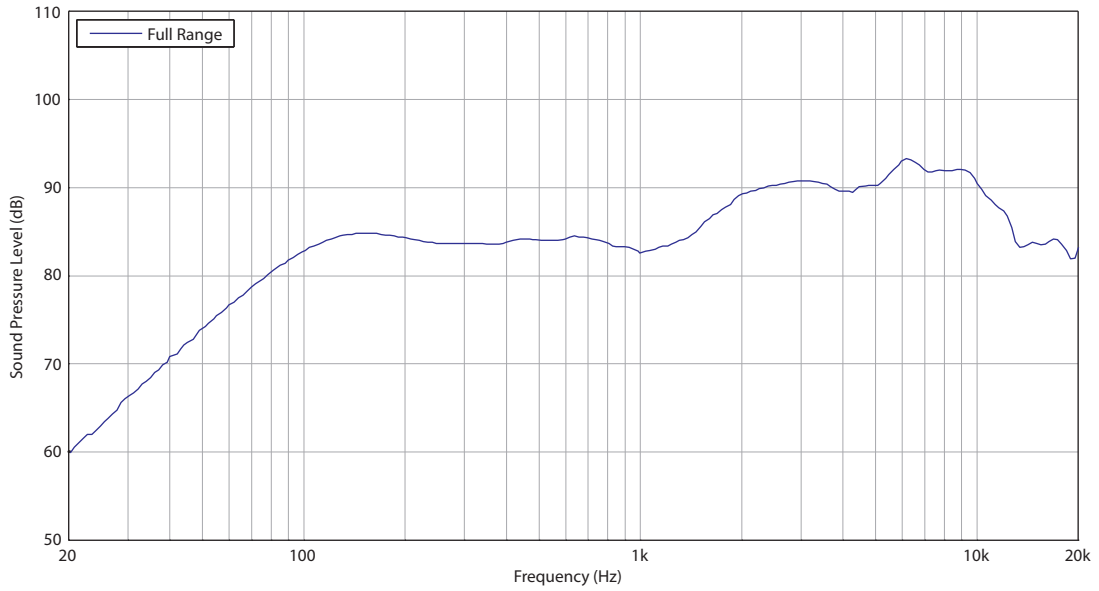


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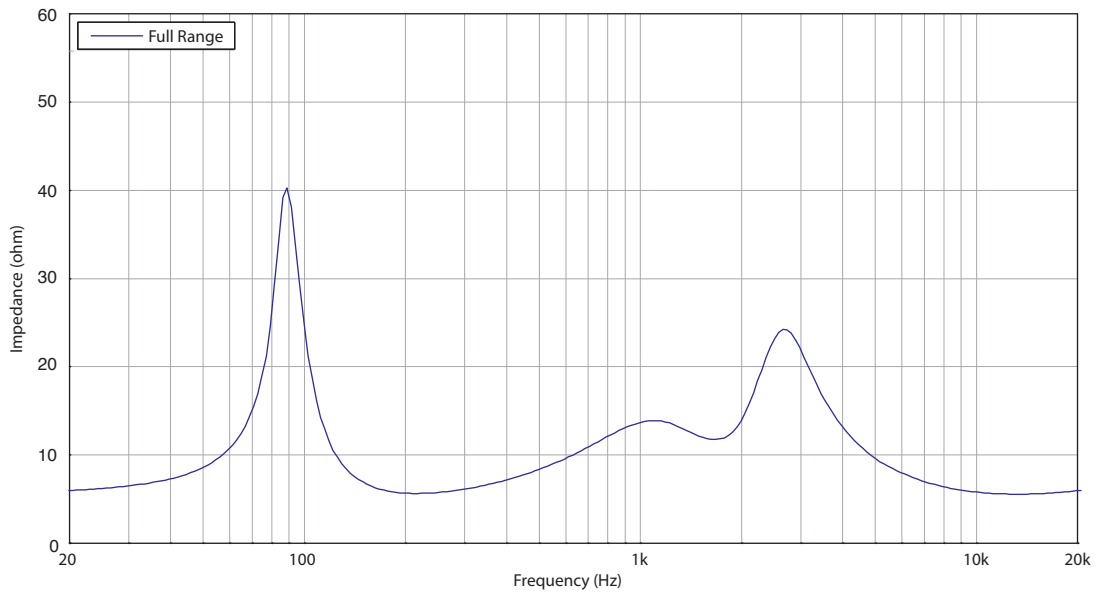
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Frequency Response Sensitivity 1 W / 1 m



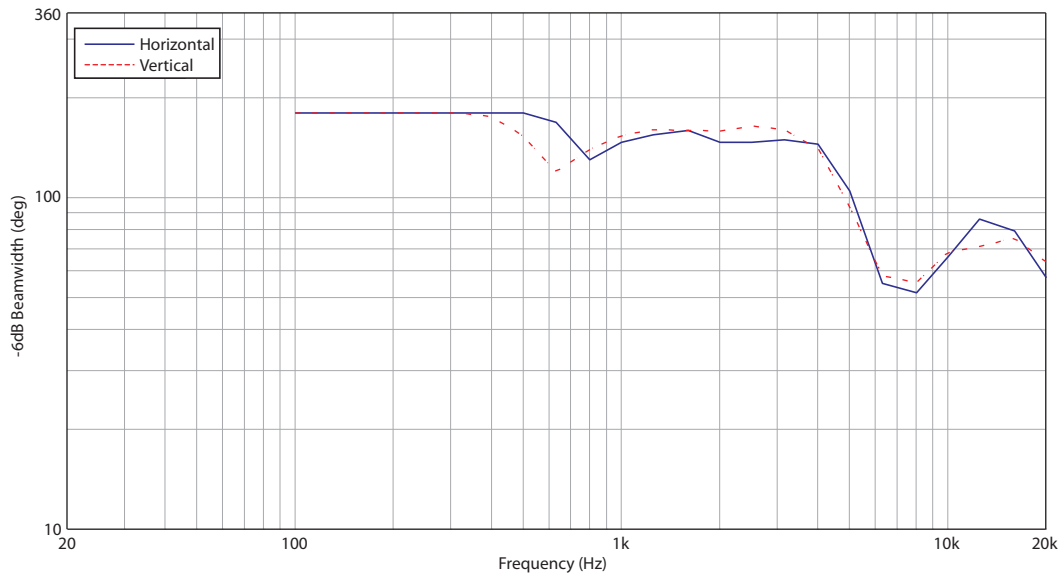
Impedance



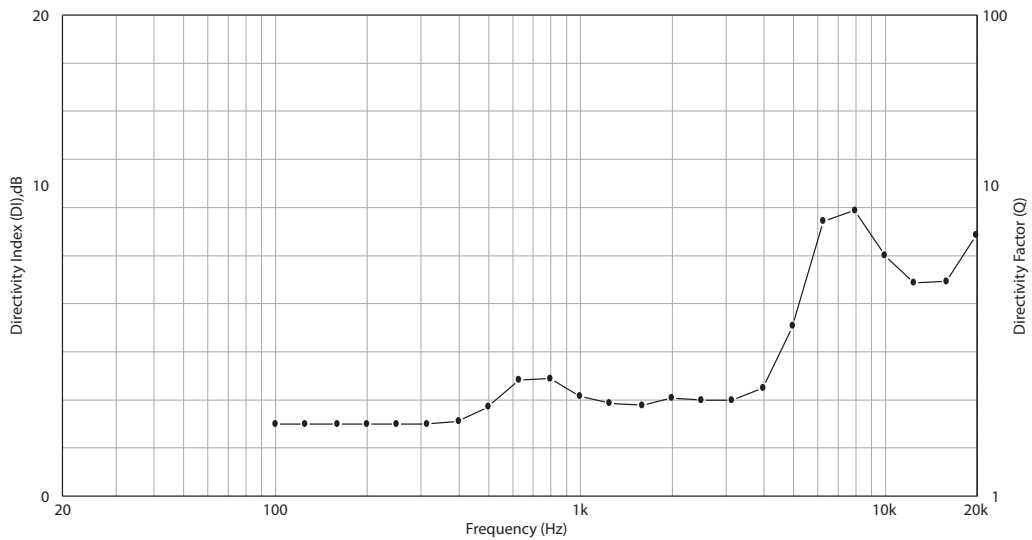
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Horizontal and Vertical Beamwidth



Directivity Index and Factor

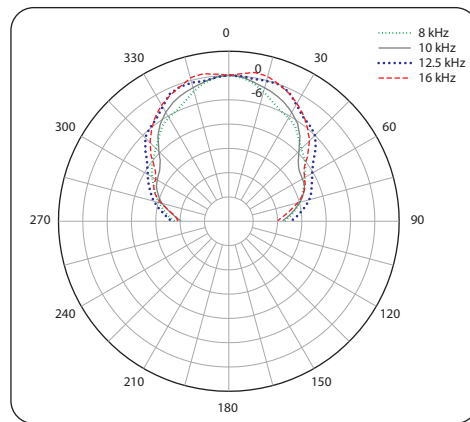
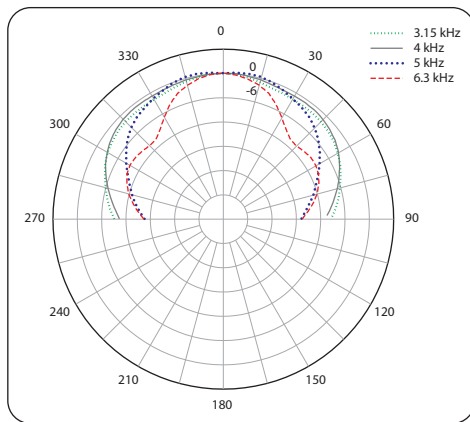
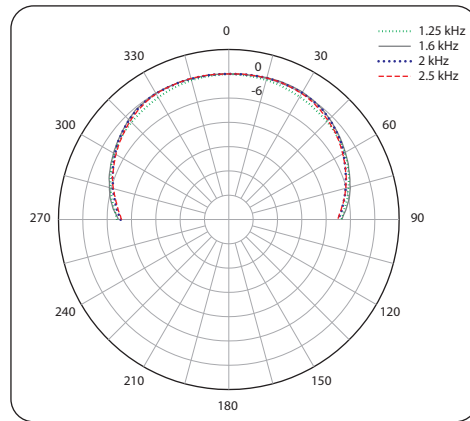
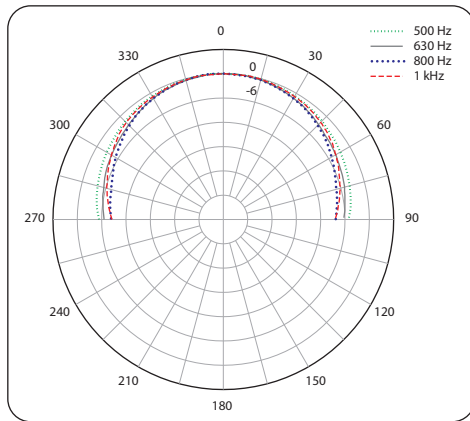
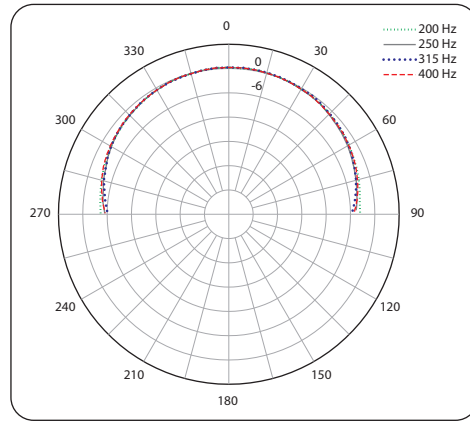
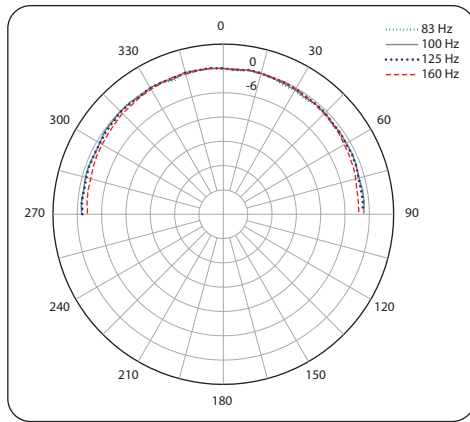


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Horizontal Polar Plots

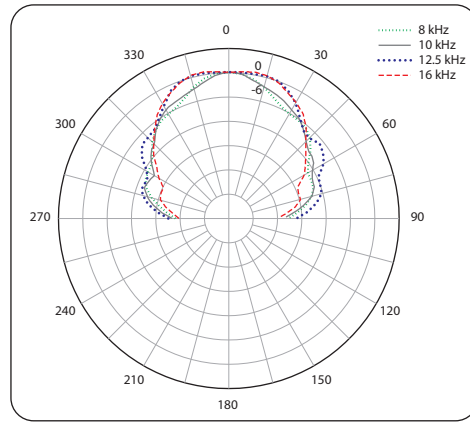
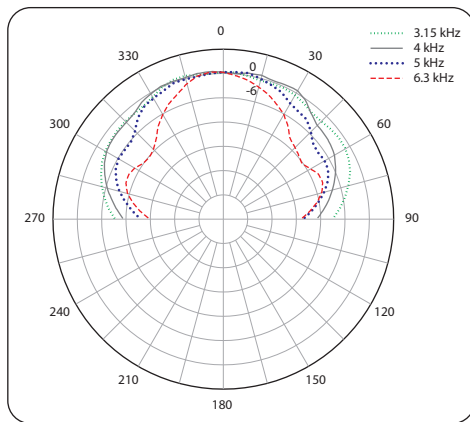
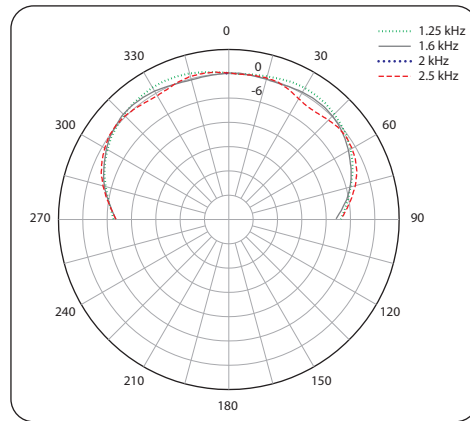
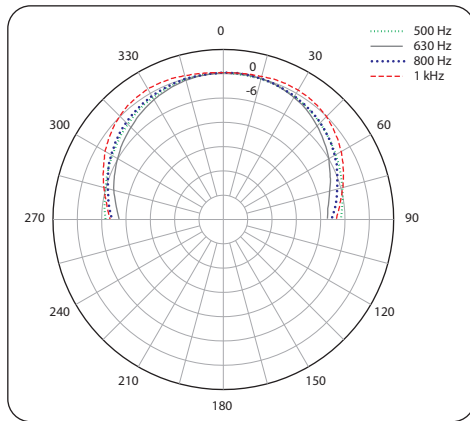
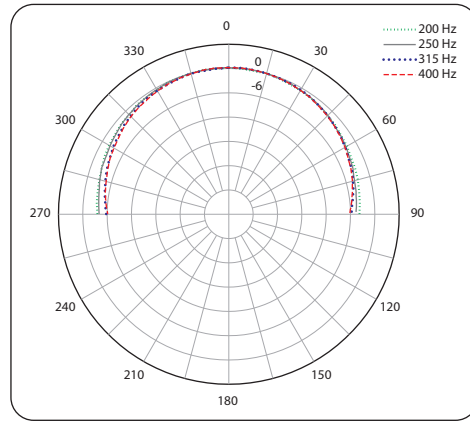
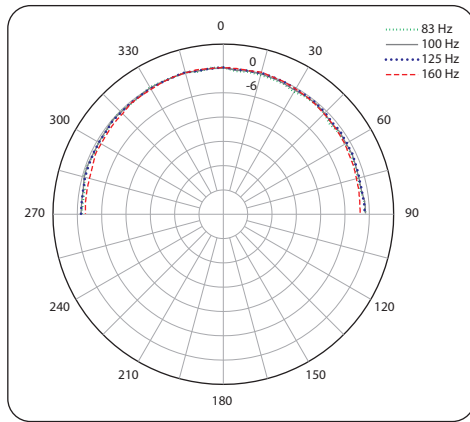


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Vertical Polar Plots

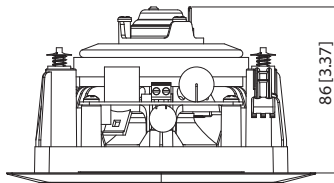


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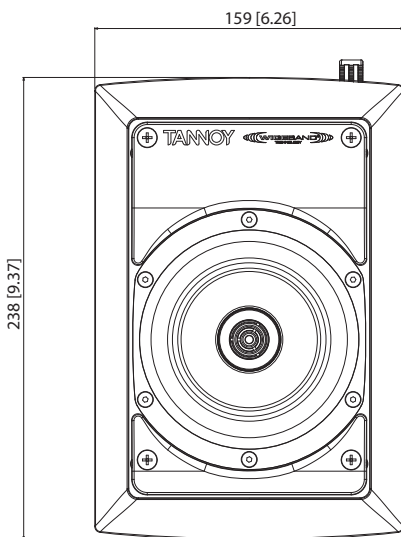
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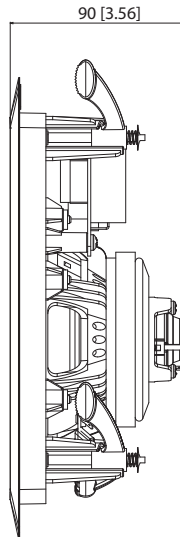
Dimensions



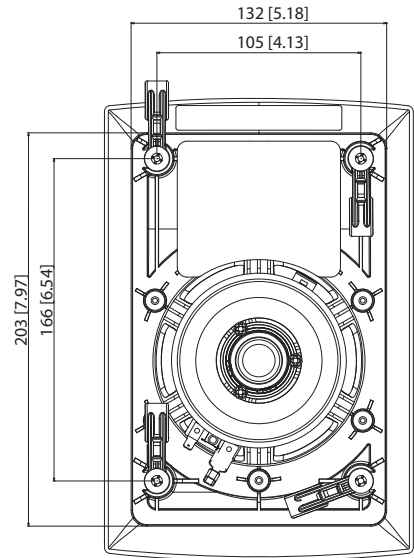
BOTTOM



FRONT



SIDE



BACK

Install

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Technical Specifications

Performance

Frequency response (± 3 dB)	88 Hz - 51 kHz
Frequency response (-10 dB)	73 Hz - 54 kHz
Low frequency alignment (-6 dB)	73 Hz
Power handling	60 W continuous, 240 W peak
Recommended amplifier power	20 - 120 W @ 8 Ω
System sensitivity	88 dB (2.83 V @ 1 m)
Nominal impedance	8 Ω
Rated maximum SPL	106 dB continuous, 112 dB peak
Crossover	Passive, 2nd order LF, 2nd order HF
Crossover point	1.7 kHz
Crossover HF adjustment	NA

Transducers

High frequency	19 mm (0.75") titanium dome, neodymium magnet system
Low frequency	100 mm (4.0") multifibre paper pulp mid bass cone
Wiring	Positive, negative

Physical

Dimensions H x W x D	238 x 159 x 91 mm (9.4 x 6.3 x 3.6")
Mounting depth	88 mm (3.4")
Net weight	1.3 kg (2.9 lb)
Construction	Baffle panel: moulded UV Resistant ABS, Clamps: moulded polycarbonate
Finish	White, paintable
Grille	Powder coated perforated steel

Notes:

1. Long-term power handling capacity as defined in IEC standard IEC268-5
2. Averaged over specified bandwidth for half space environment. For anechoic conditions the figure is to be decreased by 3 dB
3. ± 3 dB, measured at 1 metre in anechoic chamber in a critically tuned enclosure.
4. Remove links when bi-amping or bi-wiring
5. Remove links in stereo operation

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Architecture & Engineering Specifications

The in-wall speaker shall consist of a 100 mm (4.00") full range, point source Dual Concentric™ transducer mounted in an injection moulded front baffle manufactured from UV/weather resistant UL94V-0 ABS material. The two-way system shall incorporate an optimised low loss crossover network. The wiring terminals shall be screw terminal connectors.

Performance of the in-wall speaker shall meet or exceed the following criteria: The system shall have a conical coverage angle of 130 degrees (1 kHz to 6 kHz). Frequency response measured on axis shall be 73 Hz -54 kHz (-10 dB from rated sensitivity, measured in an IEC baffle in an anechoic chamber) with no equalization. Sensitivity shall be 88 dB (1 W @ 1 m). Long-term power handling capacity as defined in EIA-426B test shall be 60 W, recommended amplifier power 120 W @ 8 Ohms. The nominal system impedance shall be 8 Ohms.

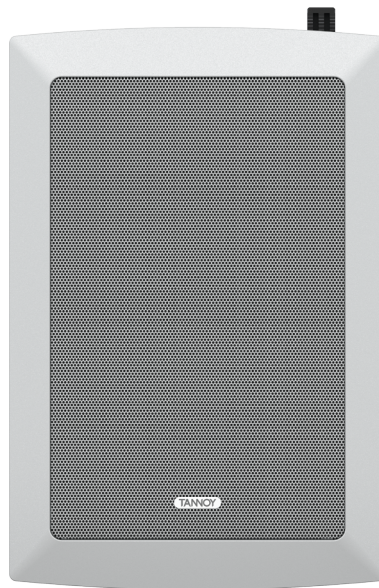
A weather resistant perforated steel grille covers the transducer. Both the grille and baffle shall be paintable. The system shall not exceed the following dimensions: 238 x 159 x 91 mm or 9.4 x 6.3 x 3.6" (H x W x D) Hole cutout size shall be 206 x 135 mm (8.11 x 5.3").

The [Tannoy](#) in-wall speaker system shall be the.....iw4 DC-WH.

Install

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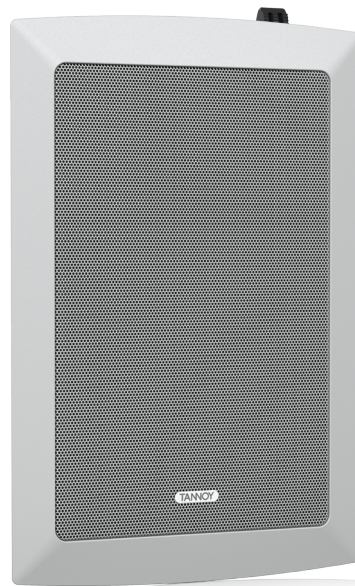
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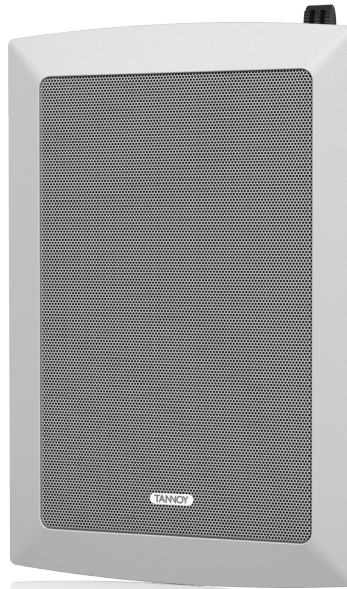
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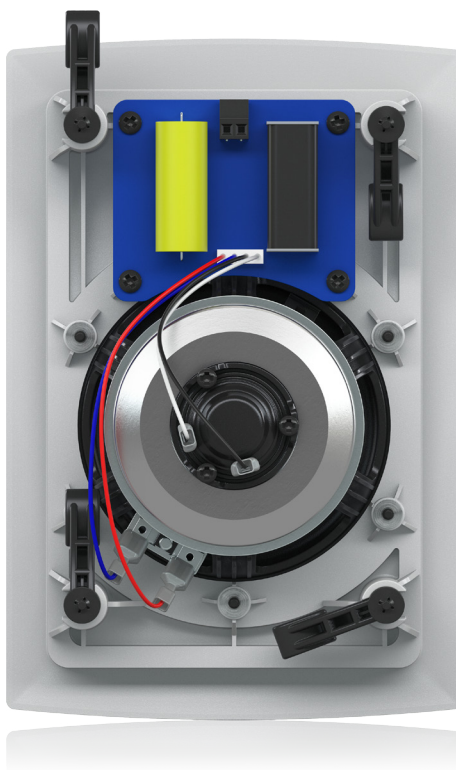
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