

ARQIS205i

CABINET LOUDSPEAKERS

Architectural Loudspeaker Cabinet



PRODUCT OVERVIEW

ARQIS205i is a 2-way wooden loudspeaker cabinet with a compact format, stylish aesthetics, excellent sound quality and long-term reliability, featuring 140 WRMS @ 8Ω, 2 x 5" woofer and 1" HF Compression Driver. Its "U" shape wall bracket (included) allows for tilt adjustment. It has been specifically designed to fulfil permanent installation requirements where a perfect balance between sound performance and architectural/interior's design matching is a must.

KEY FEATURES

- Full range, 2-way architectural loudspeaker
- 140 WRMS @ 8 ohm
- 2 x 5" low frequency woofer
- 1" high frequency compression driver (rotatable)
- Double INPUT/STACK connector, Euroblock + Speakon® type, with security attachment screws to avoid accidental disconnection
- "U" Shape wall bracket included, allowing for tilt adjustment
- 4x M6 & 12 x M8 cabinet flying points.
- Metal safety sling included, to avoid drops in case of accidental detachment from the wall surface
- Available in black (RAL 9005) and white (RAL 9003) colour
- [Ecler Loudspeakers EQ Settings available.](#)
- [EASE files available](#)



APPLICATIONS

- Commercial
- Corporate
- Hotels and restaurants
- Education
- Sports and wellness
- Leisure

TECHNICAL SPECIFICATIONS

ARQIS205i	
System	
Effective frequency range ¹	78Hz-20kHz
Coverage angle ²	150° x 40° (HxV)
Power handling	140W RMS / 560W peak
Sensitivity ³	90dB (1W/1m)
Maximum SPL ⁴	111dB continuous / 117dB peak
Recommended amplifier	280W
Transducers	
Ways	2-way, full range
Low frequency driver	2x 5" woofer
High frequency driver	1" Compression driver (rotatable)
Nominal impedance	8Ω
Filters	
Crossover filter	2,3 kHz
Recommended High-Pass protection filter	80 Hz with minimum 12 dB / octave filter
Physical	
Connection type	1 x Euroblock & 1x SPEAKON
Installation options	Surface, wall, desktop
Environmental	IP31
Enclosure material	MDF
Grille material	Steel
Grille fixing system	Screw fixation
Flying points	4x M6 & 12 x M8
Operating temperature	Min: -20°C ; -4°F Max: 70°C ; 158°F
Operating humidity	<85% HR
Storage temperature	Min: -20°C ; -4°F Max: 70°C ; 158°F
Storage humidity	<90% HR
Included accessories	U Bracket / 5mm Allen key / 6mm Allen key
Finished color	Black (RAL9005) or White (RAL 9003)
Dimensions (WxHxD)	480 x 186 x 210 mm / 18.90 x 7.32 x 8.27 in
Weight	8,4 kg / 18.52 lb
Pieces per box	1 unit
Shipping dimensions (WxHxD)	540 x 265 x 300 mm / 21.26 x 10.43 x 11.81 in
Shipping weight	9,5 kg / 20.94 lb

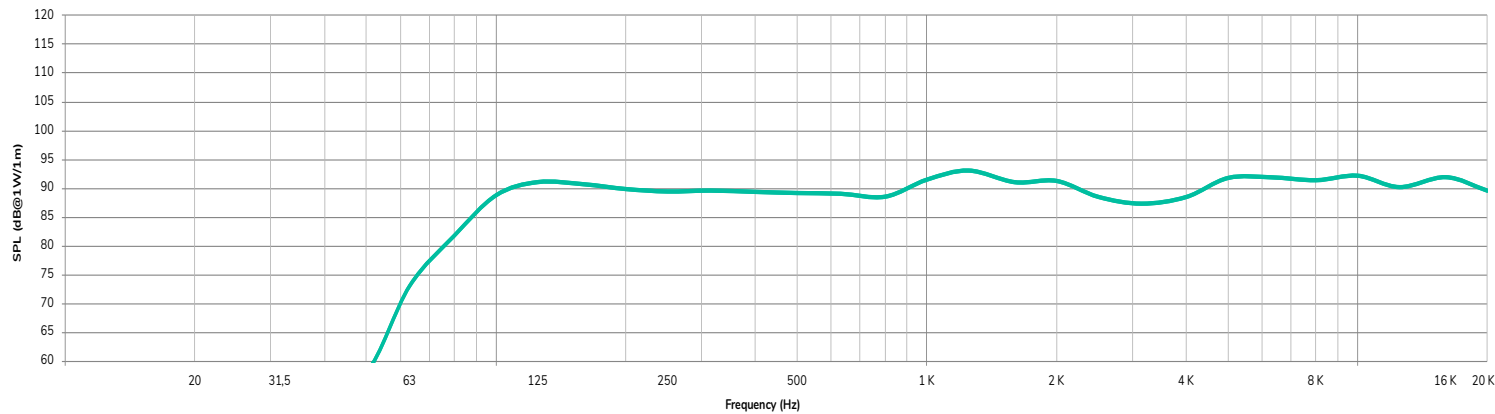
¹10dB below the sound pressure level at specified sensitivity

²6dB below the sound pressure level than that at the direction of maximum level, Max. angle between 1 kHz and 4 kHz.

³Measured on-axis, far field and referenced to 1 meter by inverse square law. Average from 100 Hz to 10 kHz.

⁴Calculated from sensitivity and power handling specifications, exclusive of power compression

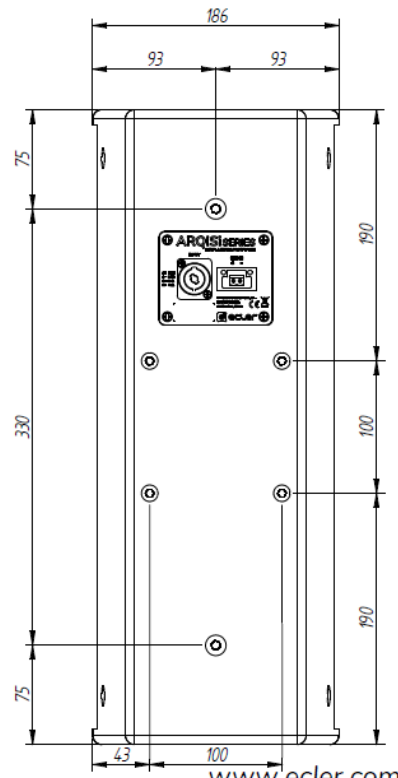
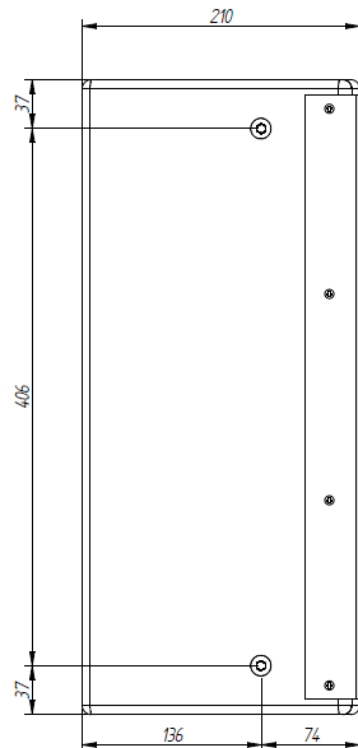
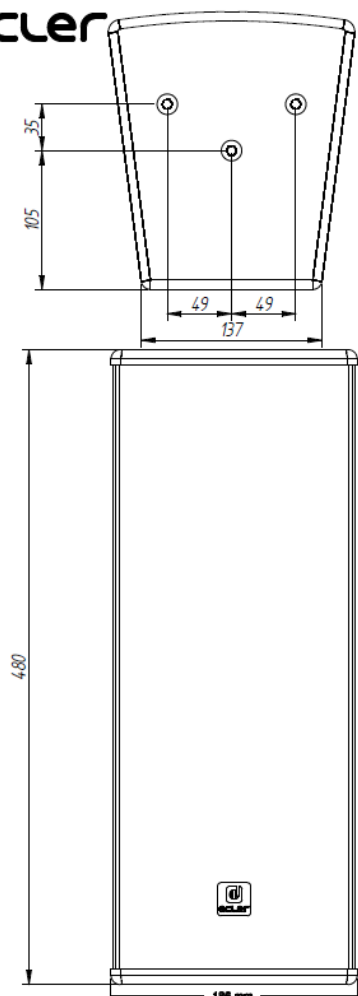
FREQUENCY RESPONSE ON-AXIS



MECHANICAL DIAGRAMS



Ecler ARQIS205i Mechanical Diagram



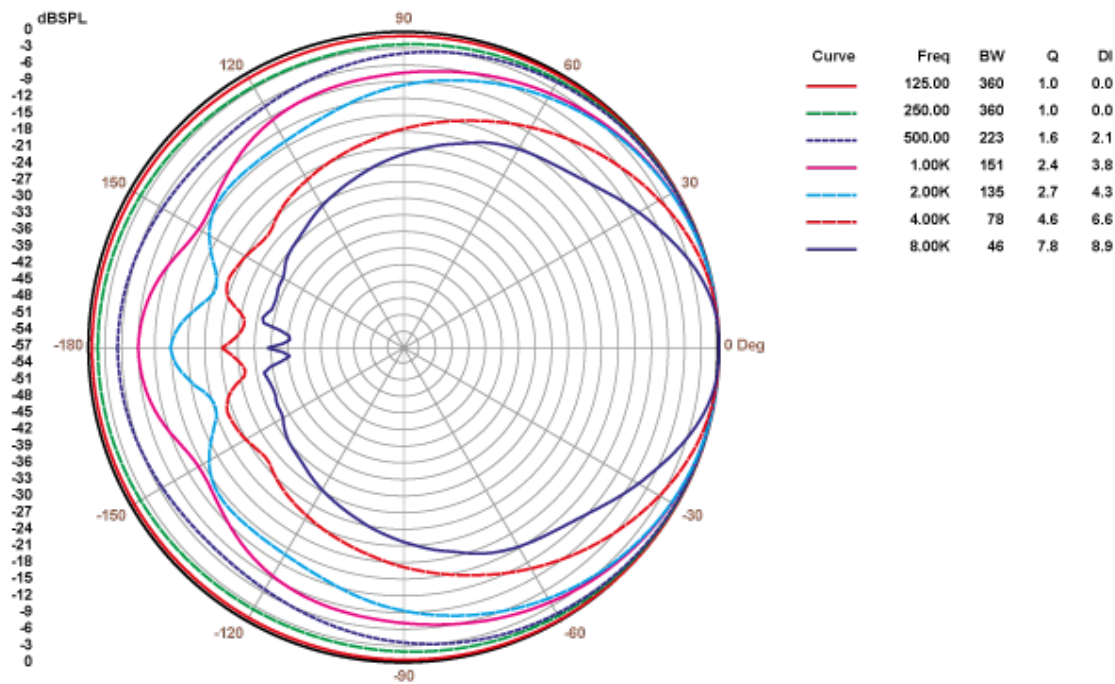
All the measurements are in mm

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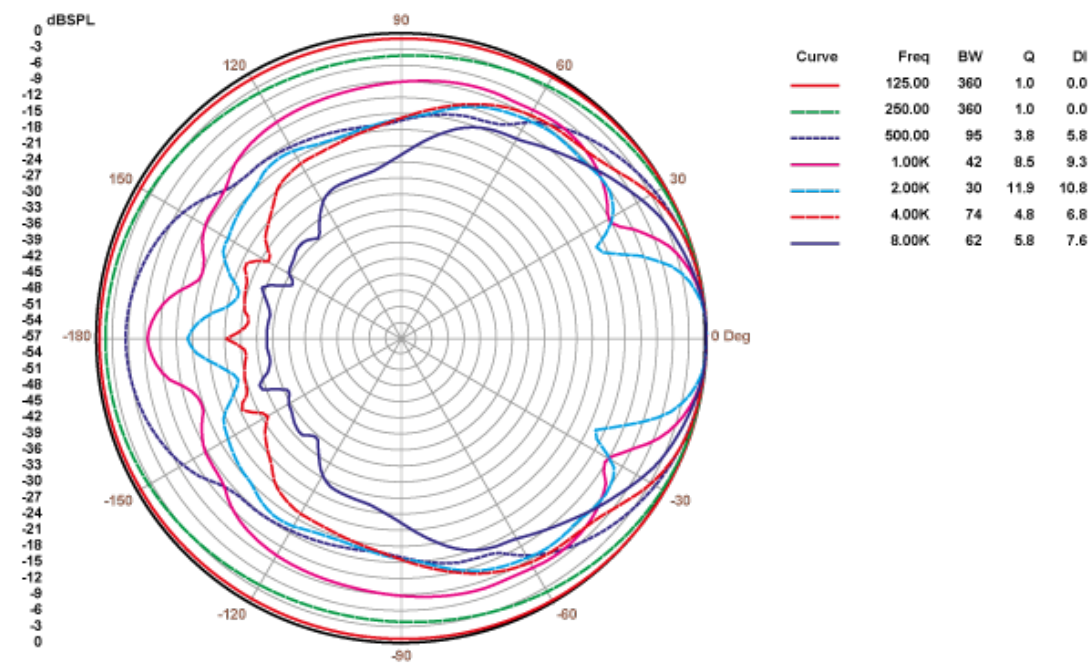
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POLAR DIAGRAMS

HORIZONTAL



VERTICAL



A&E SPECIFICATIONS

The loudspeaker shall be a 2-way wooden loudspeaker cabinet, incorporating high-efficiency 2x5" mid/low woofer and 1" rotatable compression driver. It shall have a power handling of 140 W RMS with a peak power handling of 560 W and the effective frequency range (± 10 dB) shall be from 78 Hz to 20 kHz.

Crossover filter shall be at 2,3 kHz. The sensitivity shall be 90 dB when measuring with an input signal of 1 Watt at a distance of 1 meter, while the maximum continuous sound pressure level shall be 111 dB.

The coverage angel shall be $150^{\circ} \times 40^{\circ}$.

The loudspeaker shall have a nominal impedance of 8 Ω . It shall have an enclosure constructed out of medium density wood with a textured and scratch resistant paintwork finish.

The front finishing shall be made with an overlapping front grill with a rotatable logo, giving a slim and elegant impression. It shall include a Speakon© and Euroblock connector, with security attachment screws to avoid accidental disconnection. It shall include a U wall bracket, which enables tilt adjustment. An additional metal safety sling shall be provided, to avoid drops in case of accidental detachment.

The full range system's enclosure shall be 480 mm wide, 210 mm high and 186 mm deep and the weight shall not exceed 8,4 Kg.

The loudspeaker shall be the ECLER ARQIS205i.

All product characteristics are subject to variation due to production tolerances. **NEEC AUDIO BARCELONA S.L.** reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications

For technical queries contact your supplier, distributor or complete the contact form on our website, in [Support / Technical requests](#).

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