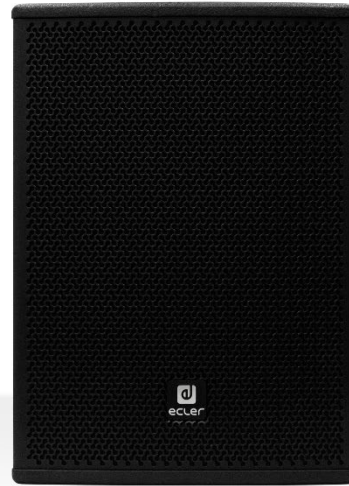


ARQIS110i

CABINET LOUDSPEAKERS

Architectural Loudspeaker Cabinet



PRODUCT OVERVIEW

ARQIS110i is a 2-way wooden loudspeaker cabinet with a compact format, stylish aesthetics, excellent sound quality and long-term reliability, featuring 300 WRMS @ 8Ω, 10" woofer and 1,7" HF Compression Driver. 35 mm mount socket and 12 x M8 rigging points, allowing for horizontal or vertical mounting options. 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
- 300 WRMS @ 8Ω
- 10" low frequency woofer
- 1,7" high frequency compression driver (rotatable)
- Double INPUT/STACK connector, Euroblock + Speakon® type, with security attachment screws to avoid accidental disconnection
- 35 mm mount socket, compatible with SR12 wall bracket (not included) & TRIPO1 floor stand (not included)
- U-bracket wall-mount accessory compatible (not included)
- 12 x M8 cabinet flying points
- 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

ACCESSORIES

- ARQ110UB
- SR12
- TRIPO1



TRIPO1



SR12

ARQ110UB



TECHNICAL SPECIFICATIONS

ARQIS110i	
System	
Effective frequency range ¹	70 Hz - 19 kHz (-10dB)
Coverage angle ²	110°x110° (HxV)
Power handling	300W RMS / 1200W Peak
Sensitivity ³	94dB (1W/1m)
Maximum SPL ⁴	119dB continuous / 125dB peak
Recommended amplifier	600W
Transducers	
Ways	2-way, full range
Low frequency driver	10" woofer
High frequency driver	1,7" Compression driver (rotatable)
Nominal impedance	8Ω
Filters	
Crossover filter	2,1 kHz
Recommended High-Pass protection filter	60 Hz with minimum 12 dB / octave filter
Physical	
Connection type	1 x Euroblock & 1x Speakon® (+1, -1)
Installation options	Surface, wall, desktop, 35 mm mount socket
Environmental	IP31
Enclosure material	MDF
Grille material	Steel
Grille fixing system	Screw fixation
Flying points	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	4x rubber feet, 4x screws
Finished color	Black (RAL9005) or White (RAL 9003)
Dimensions (WxHxD)	342.5 x 495 x 345 mm / 13.48 x 19.49 x 13.58 in
Weight	18,5 kg / 40,78 lb
Pieces per box	1 unit
Shipping dimensions (WxHxD)	580 x 460 x 460 mm / 22.83 x 18.11 x 18.11 in
Shipping weight	21 kg / 46,29 lb

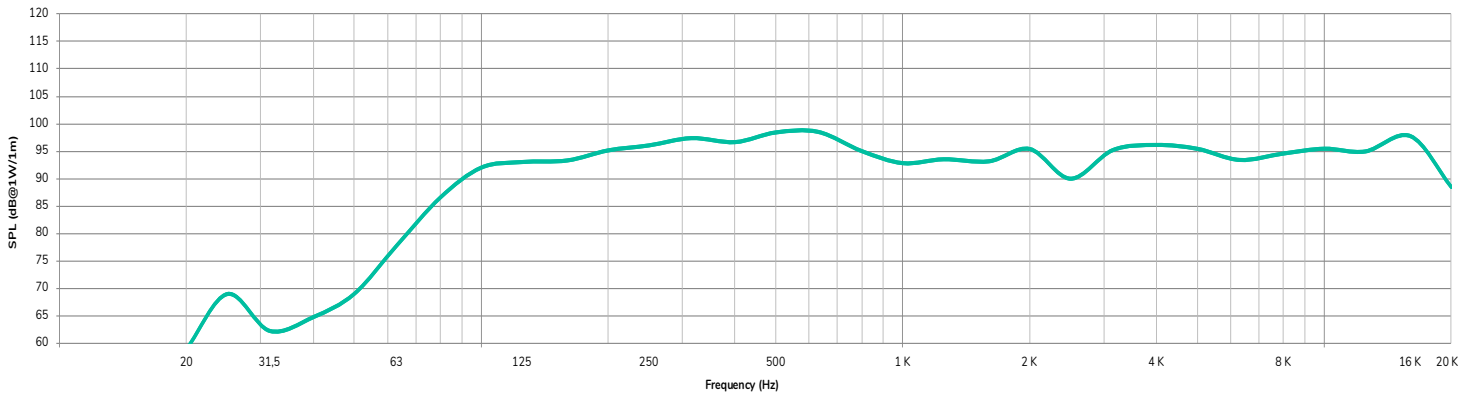
¹10dB below the sound pressure level at specified sensitivity

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

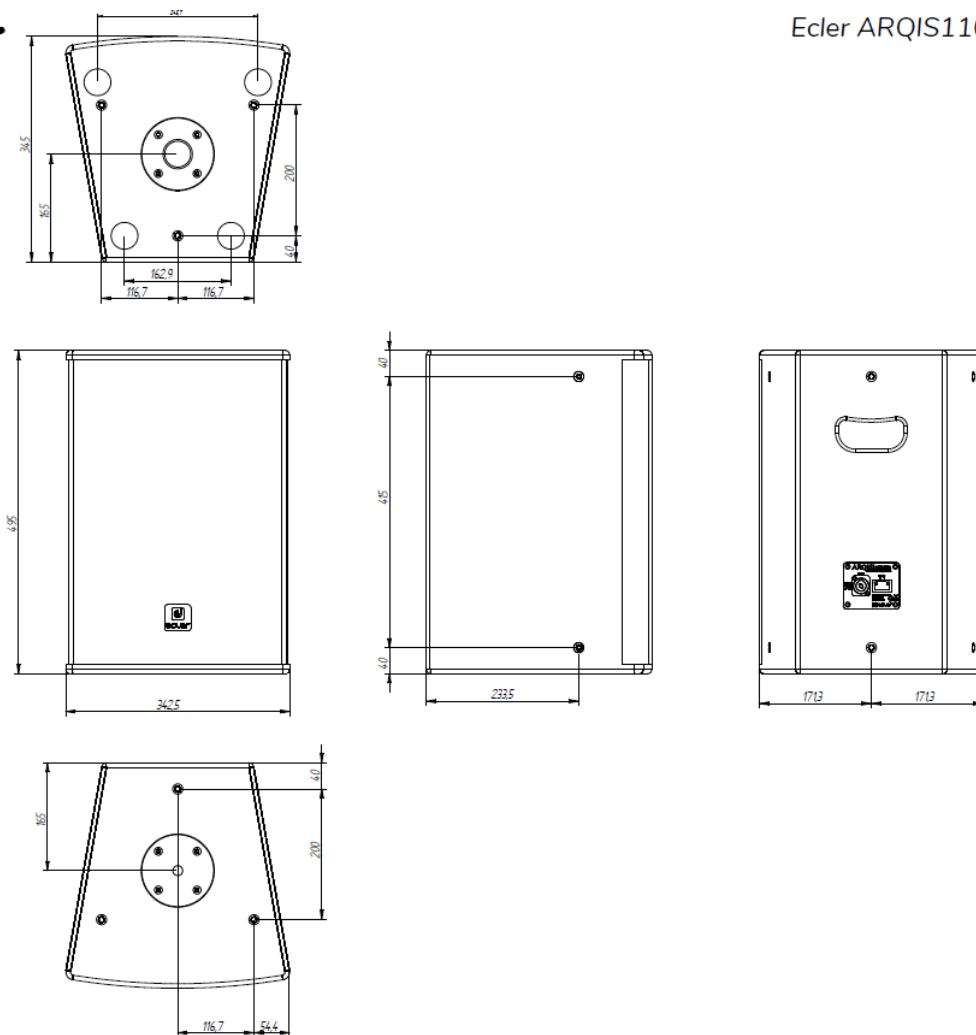
FREQUENCY RESPONSE ON-AXIS



MECHANICAL DIAGRAMS



Ecler ARQIS110i Mechanical Diagram



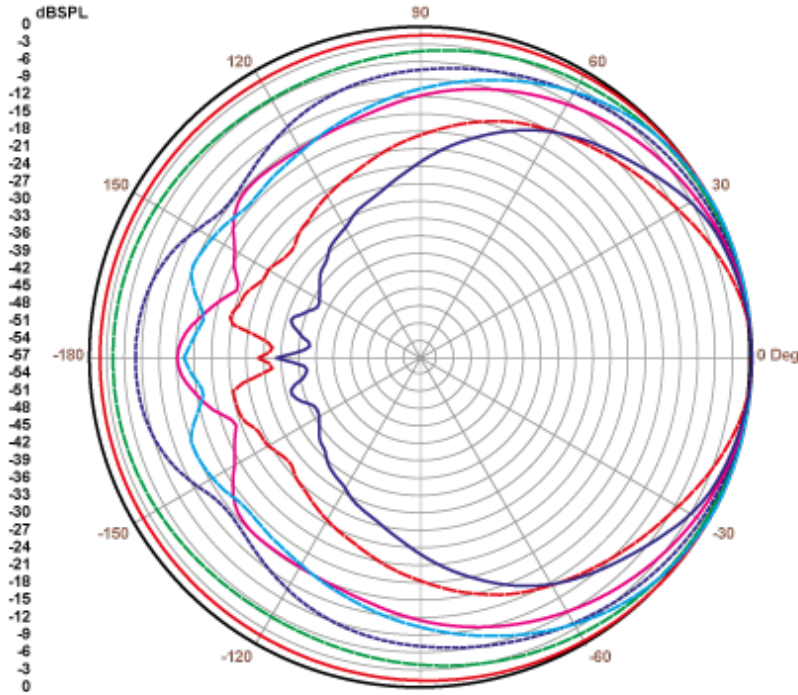
All the measurements are in mm

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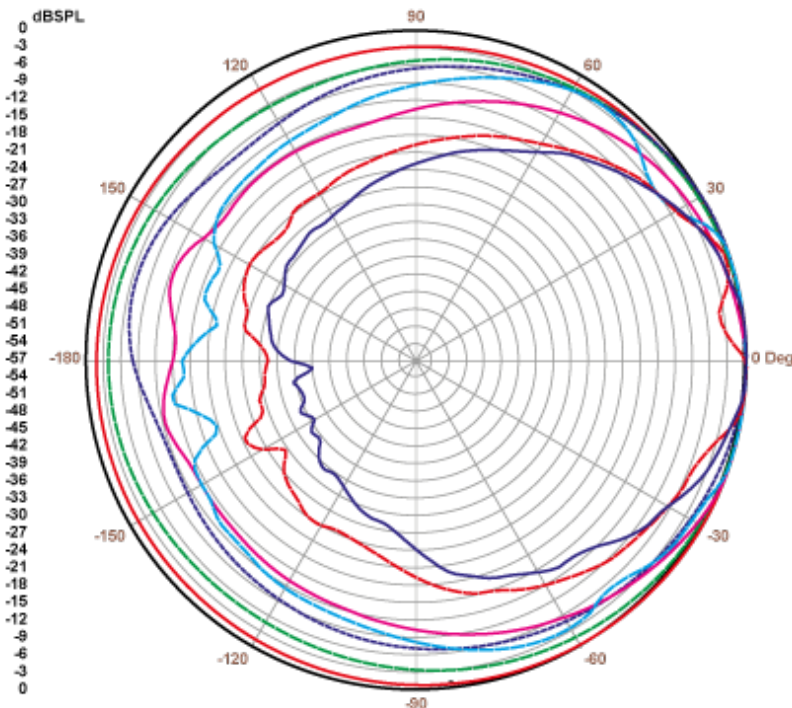
POLAR DIAGRAMS

HORIZONTAL



Curve	Freq	BW	Q	DI
—	125.00	360	1.0	0.0
—	250.00	360	1.0	0.0
—	500.00	147	2.5	3.9
—	1.00K	111	3.3	5.1
—	2.00K	135	2.7	4.3
—	4.00K	58	6.2	7.9
—	8.00K	74	4.8	6.8

VERTICAL



Curve	Freq	BW	Q	DI
—	125.00	360	1.0	0.0
—	250.00	282	1.3	1.1
—	500.00	155	2.3	3.7
—	1.00K	111	3.3	5.1
—	2.00K	109	3.3	5.2
—	4.00K	48	7.5	8.7
—	8.00K	60	6.0	7.8

A&E SPECIFICATIONS

The loudspeaker shall be a 2-way wooden loudspeaker cabinet, incorporating a high-efficiency 10" mid/low woofer and 1,7" rotatable compression driver. It shall have a power handling of 300 W RMS with a peak power handling of 1200 W and the effective frequency range (± 10 dB) shall be from 70 Hz to 19 kHz.

Crossover filter shall be at 2,1 kHz. The sensitivity shall be 94 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 119 dB.

The coverage angle shall be $110^\circ \times 110^\circ$.

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.

The full range system's enclosure shall be 359,6 mm wide, 495 mm high and 362,2 mm deep and the weight shall not exceed 18,5 Kg.

The loudspeaker shall be the ECLER ARQIS110i.

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](#).

Motors, 166-168 08038 Barcelona - Spain - (+34) 932238403 | information@ecler.com | www.ecler.com