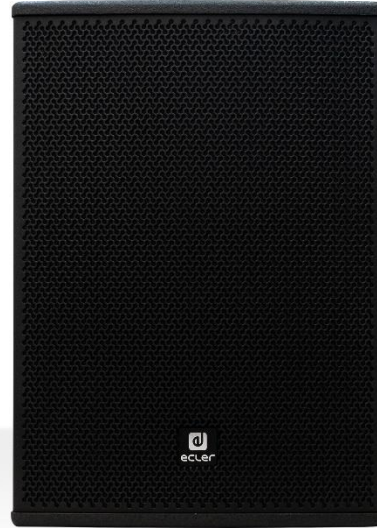


ARQIS112i

CABINET LOUDSPEAKERS

Architectural Loudspeaker Cabinet



PRODUCT OVERVIEW

ARQIS112i is a 2-way wooden loudspeaker cabinet with a compact format, stylish aesthetics, excellent sound quality and long-term reliability, featuring 500 WRMS @ 8Ω, 12" 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
- 500 WRMS @ 8Ω
- 12" 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

- ARQ112UB
- SR12
- TRIPO1



TECHNICAL SPECIFICATIONS

ARQIS112i	
System	
Effective frequency range ¹	70 Hz - 19 kHz (-10dB)
Coverage angle ²	120°x110° (HxV)
Power handling	500W RMS / 2000W Peak
Sensitivity ³	96dB (1W/1m)
Maximum SPL ⁴	123dB continuous / 129dB peak
Recommended amplifier	1000W
Transducers	
Ways	2-way, full range
Low frequency driver	12" woofer
High frequency driver	1,7" Compression driver (rotatable)
Nominal impedance	8Ω
Filters	
Crossover filter	2,2 kHz
Recommended High-Pass protection filter	58 Hz with minimum 12 dB / octave filter
Physical	
Connection type	1 x Euroblock & 1x SPEAKON
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: -10°C ; 14°F Max: 40°C ; 104°F
Operating humidity	<85% HR
Storage temperature	Min: -10°C ; 14°F Max: 40°C ; 104°F
Storage humidity	<90% HR
Included accessories	4x rubber feet, 4x screws
Finished color	Black (RAL9005) or White (RAL 9003)
Dimensions (WxHxD)	403x 565 x 380 mm / 15.87 x 22.24 x 14.96 in
Weight	23,8 kg / 52,47 lb
Pieces per box	1 unit
Shipping dimensions (WxHxD)	650 x 470 x 470 mm / 22.59 x 18.50 x 18.50 in
Shipping weight	26,2 kg / 57,76 lb

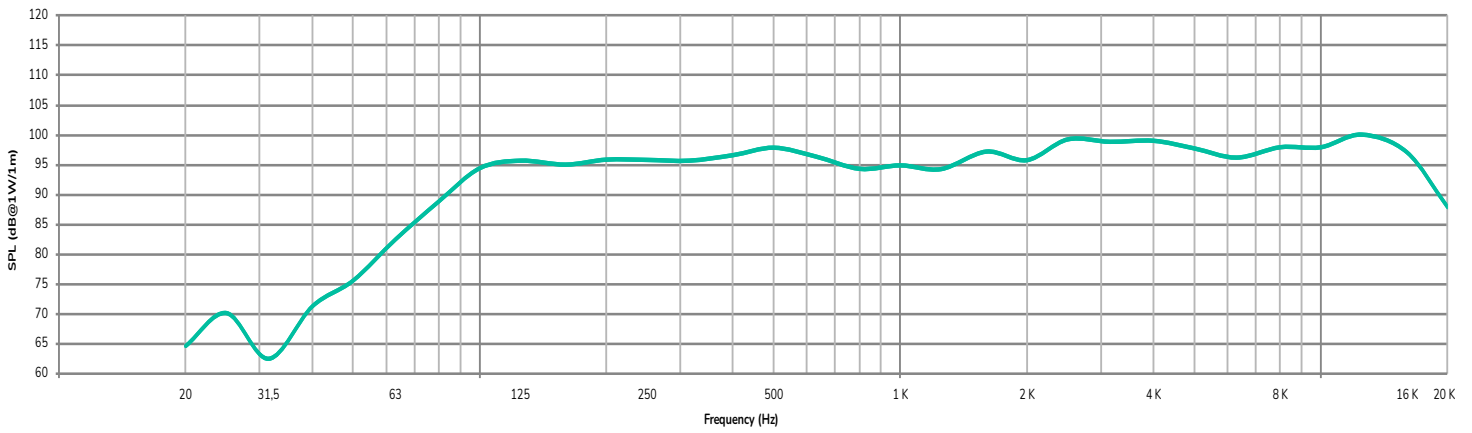
¹10dB below the sound pressure level at specified sensitivity

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

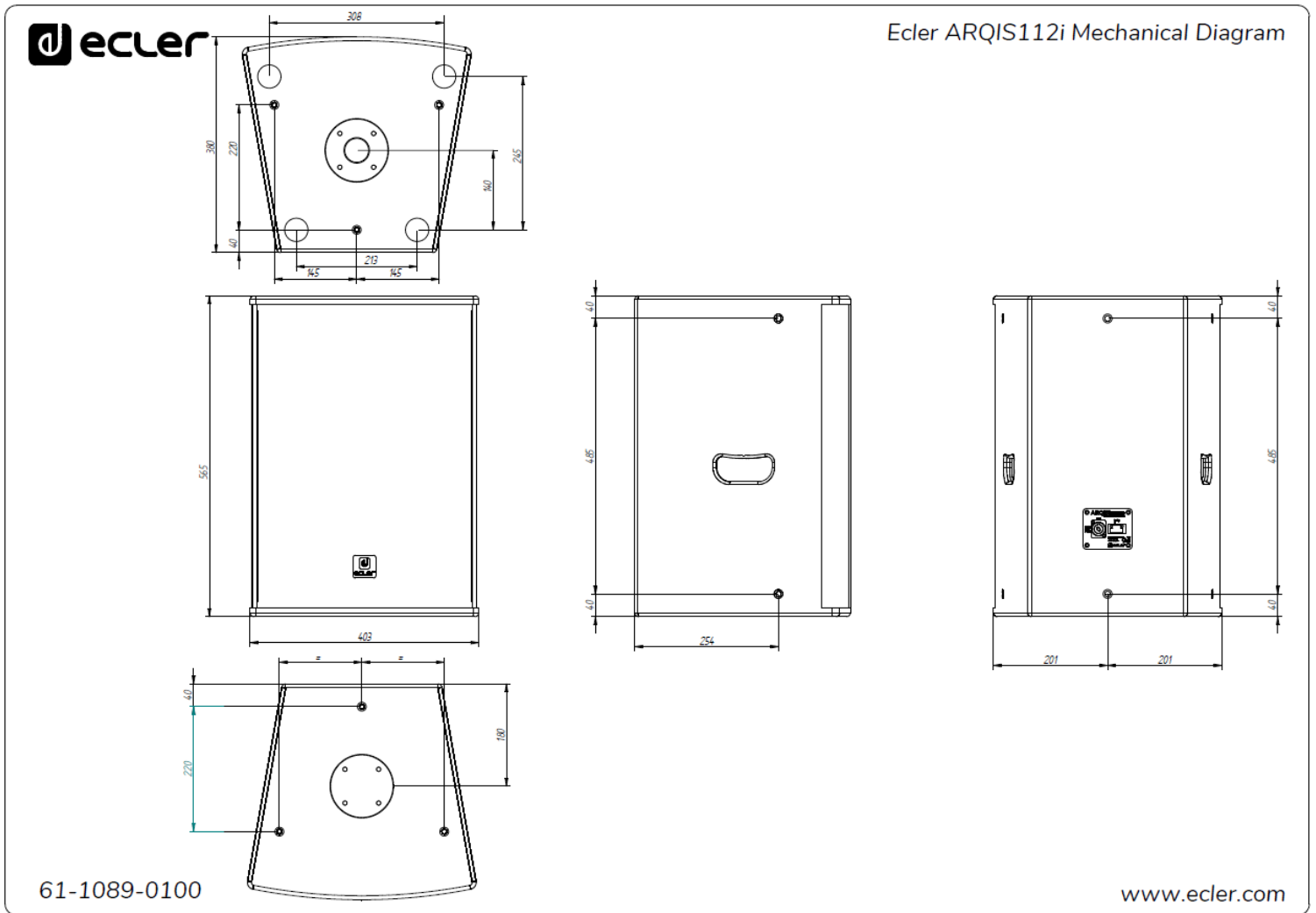
³Measured on-axis, far field and referenced to 1 meter by inverse square law. Average from 100 Hz to 10 kHz.

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

FREQUENCY RESPONSE ON-AXIS



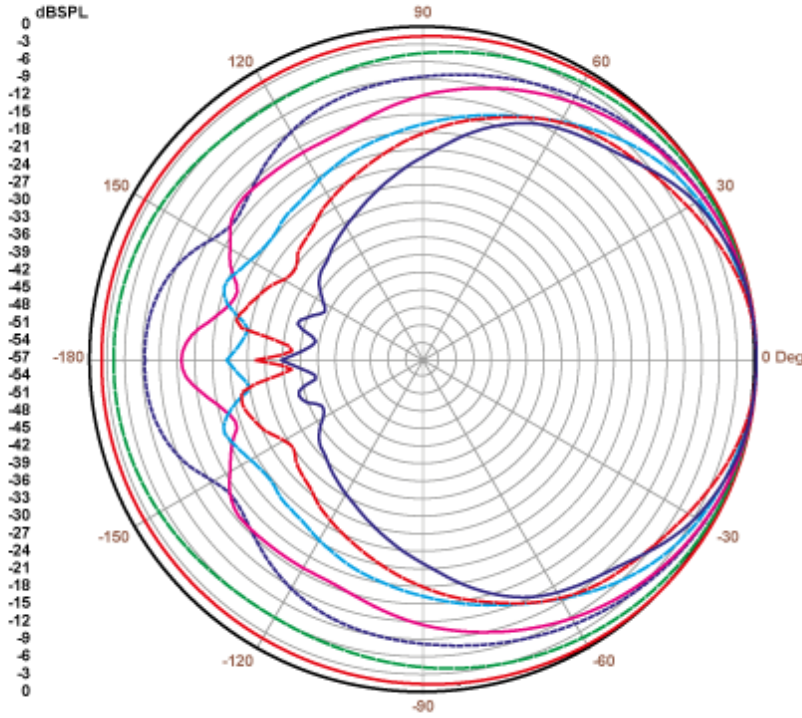
MECHANICAL DIAGRAMS



All the measurements are in mm

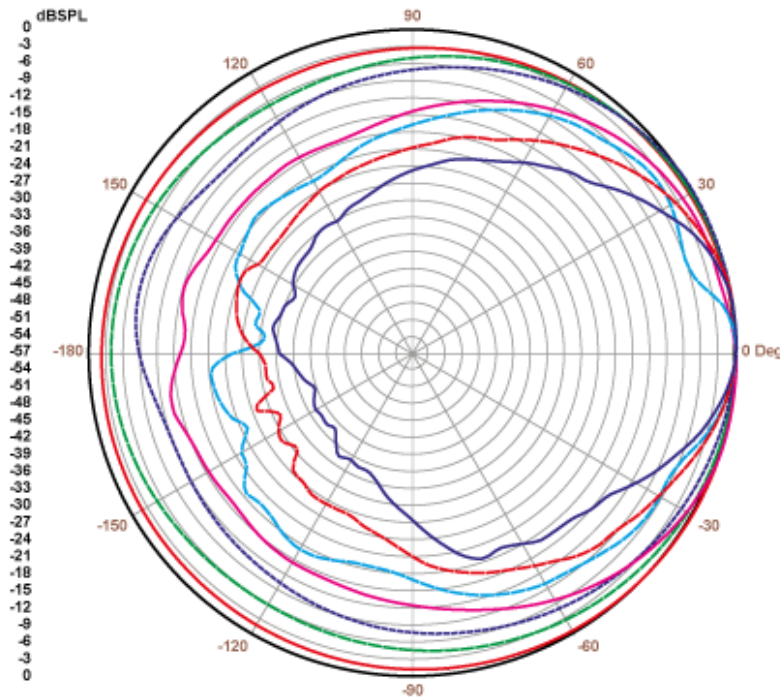
POLAR DIAGRAMS

HORIZONTAL



Curve	Freq	BW	Q	DI
—	125.00	360	1.0	0.0
—	250.00	223	1.6	2.1
—	500.00	135	2.7	4.3
—	1.00K	119	3.0	4.8
—	2.00K	91	4.0	6.0
—	4.00K	70	5.1	7.1
—	8.00K	74	4.8	6.8

VERTICAL



Curve	Freq	BW	Q	DI
—	125.00	360	1.0	0.0
—	250.00	284	1.3	1.0
—	500.00	149	2.4	3.8
—	1.00K	109	3.3	5.2
—	2.00K	38	9.4	9.7
—	4.00K	62	5.8	7.6
—	8.00K	44	8.1	9.1

A&E SPECIFICATIONS

The loudspeaker shall be a 2-way wooden loudspeaker cabinet, incorporating a high-efficiency 12" mid/low woofer and 1,7" rotatable compression driver. It shall have a power handling of 500 W RMS with a peak power handling of 2000 W and the effective frequency range (± 10 dB) shall be from 70 Hz to 19 kHz.

Crossover filter shall be at 2,2 kHz. The sensitivity shall be 96 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 123 dB.

The coverage angle shall be $120^\circ \times 110^\circ$ (HxV).

The loudspeaker shall have a nominal impedance of 8 Ω . It shall have a 35 mm mount socket and 12 x M8 rigging points, allowing for horizontal or vertical mounting options.

The enclosure shall be constructed out of medium density wood with a textured and scratch resistant paintwork finish.

The front finishing shall be made with a 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 403 mm wide, 565 mm high and 380 mm deep and the weight shall not exceed 23,8 Kg.

The loudspeaker shall be the ECLER ARQIS112i.

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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