ARQIS108i+ / ARQIS208i+

LOUDSPEAKERS

High-Performance Loudspeakers



USER MANUAL

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1. PRECAUTIONS

1.1 Important Notice



WARNING: SHOCK HAZARD - DO NOT OPEN

AVIS: RISQUE DE CHOC ÉLECTRIQUE - NE PAS OUVRIR



The flashing light with an arrowhead symbol inside an equilateral triangle on it is intended to alert the user of the presence of non-insulated “dangerous voltage” within the enclosure, which might be of sufficient magnitude to pose a risk of electric shock to users.



The exclamation mark within an equilateral triangle is intended to alert the user of the requirement for important operating and maintenance (servicing), for which instructions may be found in the literature accompanying the appliance.

WARNING (If applicable): Terminals marked with symbol may be of sufficient magnitude to pose a risk of electric shock. The external wiring connected to terminals requires installation by a technician, or the use of ready-made leads or cords.

WARNING: To prevent fire or shock hazard, do not expose this equipment to rain or humidity.

WARNING: A device with Class I manufacturing ought to be connected to a mains socket outlet with a protective earthing connection.



WARNING: Ecler products have a long lifetime of more than 10 years. This product must never be discarded as unsorted urban waste, but must be taken to the nearest electrical and electronic waste treatment centre.

1.2 Key Safety Directions

1. Read the following directions.
2. Keep the following directions.
3. Observe all warnings.
4. Follow all instructions.
5. Do not use this device in proximity to water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other devices (including amplifiers) that may release heat.
9. Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades, with one being wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, contact a qualified electrician for a replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at the plugs, convenience receptacles, and at the point of exit from the device.
11. Only use attachments/accessories specified by the manufacturer.
12. Unplug the device during lightning storms or when unused for long periods.
13. Refer all servicing to qualified personnel. Servicing is required when the device has been damaged in any way, such as power supply cord or plug damage, liquid spillage or objects onto the device, the device has been exposed to rain or humidity, does not operate normally, or has been dropped.
14. Disconnecting from mains: When switching off the POWER switch, all the functions and light indicators of the unit will be stopped, but fully disconnecting the device from mains is done by unplugging the power cable from the mains input socket, therefore, it should always remain easily accessible
15. Equipment is connected to a socket-outlet with an earthing connection by means of a power cord.
16. The marking information is located at the top, rear or bottom of the unit.
17. The device shall not be exposed to dripping or splashing liquids, and no liquid-filled objects, such as a filled up glass, shall be placed on top of the device.

1.3 Cleaning Directions

Clean the unit with a soft, dry clean cloth or slightly wet with water and neutral liquid soap only, then dry it with a clean cloth. Be careful that water never gets into the unit through any hole. Never use alcohol, benzine, solvents or abrasive substances to clean this unit.

NEEC AUDIO BARCELONA, S.L. accepts no liability for any damage that may be caused to people, animal, or objects due to failure to comply with the warnings above.

2. WARRANTY & ENVIRONMENT

Thank you for choosing our Ecler ARQIS108i+ / ARQIS208i+!
We greatly value your trust.

It is **VERY IMPORTANT to carefully read this manual and to fully understand its contents before any connecting takes place** in order to make the best use of this equipment, as well as to get the best performance from it.

To ensure optimal operation of this device, **we strongly recommend that its maintenance be carried out by our authorised Technical Services.**

All ECLER products are covered by warranty, please refer to www.ecler.com or the warranty card included with this product for the period of validity and conditions.

Ecler is truly committed with the environment and planet sustainability, energy saving and CO_2 emission reduction. Recycling materials and using non-contaminant components are also top priorities in our green crusade.

Ecler has deeply evaluated and analyzed the environmental impacts of all the processes involved in the production of this product, including packaging, and has alleviated, reduced and/or compensated for them.

3. PACKAGE CONTENTS

- 1 x loudspeaker unit (ARQIS108i+ or ARQIS208i+).
- 1 x Euroblock connector.
- 1 x Male SpeakON.
- 1 x VEASY wall bracket (ARQIS-108i+ only).
- 1 x U-shaped wall bracket (ARQIS-208i+ only).
- 2 x Rubber pad (ARQIS208i+ only).
- 4 x Allen screws for U-bracket mounting (ARQIS208i+ only).
- 1x Security cable (ARQIS208i+ only).
- 1 x First Steps Guide.
- 1 x Warranty card.

4. DESCRIPTION & FEATURES

Based on extensive collaboration with installers, interior designers and system integration professionals, **ARQIS108i+ and ARQIS208i+** have been designed for fixed installations requiring a compact loudspeaker that combines high output, ease of installation, long-term reliability and excellent sound quality.

As an evolution of the acclaimed ARQIS Series, the ARQIS108i+ and ARQIS208i+ feature improved acoustic tuning to deliver a more balanced sound across the entire frequency range and enhanced frequency response. ARQIS108i+ includes the new VEASY wall bracket, compatible with the VESA mounting standard and allowing quick installation as well as horizontal and vertical adjustment. ARQIS208i+ includes a U-shaped wall bracket that allows for tilt adjustment. Both models also feature a square logo that can be rotated in 90° increments without the need for tools.

These models are ideal for a wide range of applications, including shopping centres, sports facilities, theatres, auditoriums, conference rooms, corporate spaces, audiovisual presentations, perimeter reinforcement in clubs, cafés, restaurants and theme parks.

4.1 Main Features

- Full range, 2-way architectural loudspeaker
- ARQIS108i+: 200 WRMS @ 8 Ω.
- ARQIS208i+: 400 WRMS @ 8 Ω.
- 1x 8" woofer (ARQIS108i+).
- 2x 8" woofer (ARQIS208i+).
- 1" compression driver (rotatable)
- Double INPUT/STACK connector, Euroblock + Speakon© type, with security attachment screws to avoid accidental disconnection.
- VEASY wall bracket included (VESA compatible), allowing pan & tilt adjustment using a single fastening screw. Robust, quick and easy to install, it features notches and markings to ensure consistent loudspeaker orientation (ARQIS108i+ only).
- U-shaped wall bracket included (ARQIS208i+ only), allowing tilt adjustment and supplied with mounting hardware.
- Metal safety sling included, to avoid drops in case of accidental detachment from the wall surface (ARQIS208i+ only).
- Tool-free rotatable logo for flexible installation.
- Available in black (RAL9005) and white (RAL9003) finish.
- **Ecler Loudspeakers EQ Settings available.**
- **EASE files available**

5. CONNECTIONS

The connection cables which connect the amplifiers output and the speaker should be of good quality, have sufficient conductor area and be as short as possible. The latter fact is especially important when the distance is long and the load impedance low (4-8 Ω). A cross-section of at least 2.5mm^2 is recommended for distances up to 10m; 4 or 6mm2 for longer distances. **Following formula gives the required section, assuming 4% losses:**

$$\text{Cross section in mm}^2 = \frac{\text{Length in m}}{\text{Loudspeaker impedance in } \Omega}$$

Always respect the polarity.

ARQIS108i+ and ARQIS208i+ models feature a Euroblock connector and a second Speakon® connector, allowing easy parallel connection of additional loudspeakers.



6. EQ SETTINGS

Download the Ecler Loudspeakers EQ Settings file ready to import in EclerNet Manager software.

7. RECOMMENDED AMPLIFIER

The output power of the recommended amplifier for ARQIS108i+ is 400 W RMS and for ARQIS208i+ is 800 W RMS.

8. POSITIONING & INSTALLATION

8.1 Positioning

Consider following general rules.

Place the speaker on a solid and firm surface. No obstacles should stand between the enclosures and the audience. The high frequencies are very directive compared to the low frequencies, so that any obstacle will impair their response. In case large audiences must be addressed, a better long distance sound propagation will be achieved if the enclosures are flown high enough.

Download all EASE files by clicking on the image:



8.2 Installation

Both models can be installed either horizontally or vertically thanks to the included mounting accessories and the rotatable 1" compression driver. **Both models also feature integrated M8 rigging points for suspension** from compatible structures or trusses using steel safety cables.

Under no circumstances should the loudspeaker be suspended using its carrying handles (if fitted). Always use the appropriate mounting accessories for the intended application. Whenever a wall- or ceiling-mount bracket is used, a redundant safety system must also be installed. Use safety cables, slings or chains of suitable load rating to prevent the loudspeaker from falling in the event of a failure of the primary mounting system.

Both models feature a square logo that can be rotated in 90° increments to accommodate different installation orientations, without the need for tools.



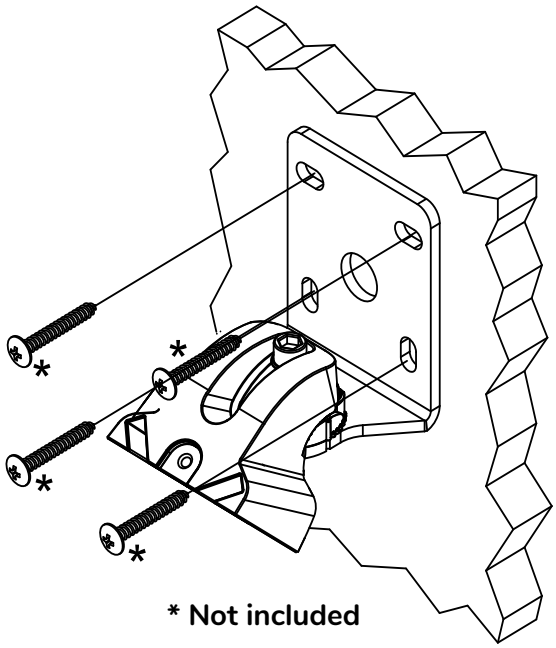
By factory default, the compression driver is aligned with the orientation of the logo on the loudspeaker grille (horizontal or vertical).

ARQIS108i+ includes the VEASY wall bracket, compatible with the VESA 75 mounting standard and designed for quick and easy installation. The robust VEASY bracket provides pan and tilt adjustment using a single screw and includes index marks for precise and repeatable positioning. **ARQIS208i+ includes a U-shaped wall bracket.**

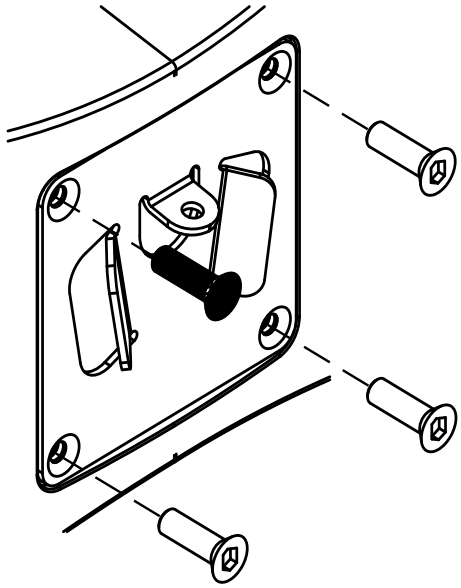
The installation diagrams are shown below.

8.2.1 Mounting the VEASY wall bracket (ARQIS108i+ only)

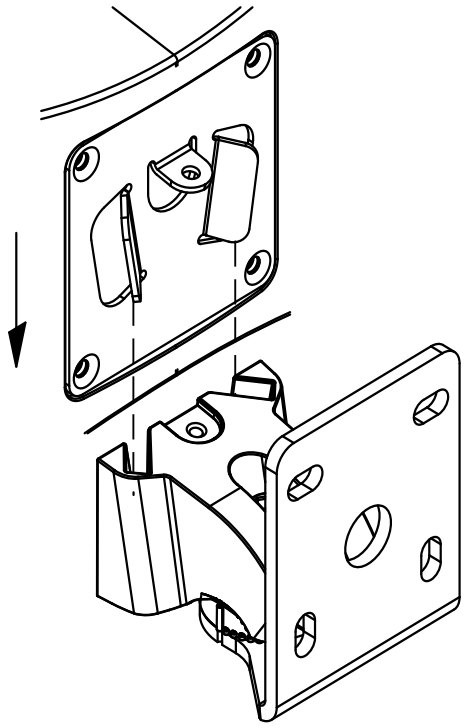
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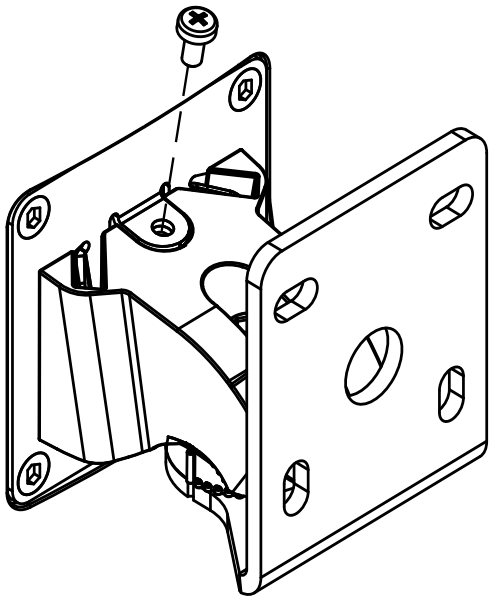
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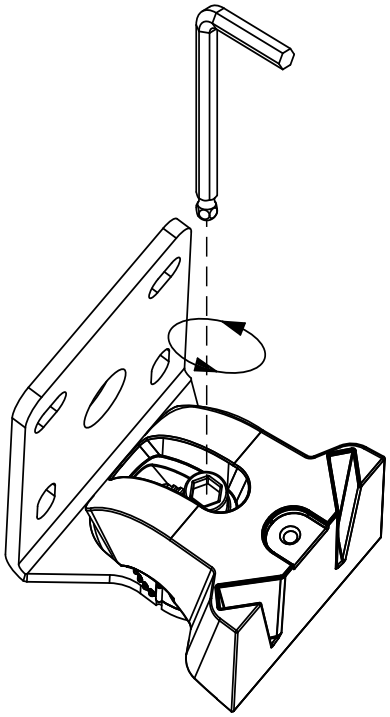
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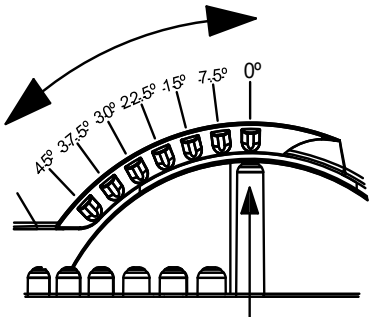
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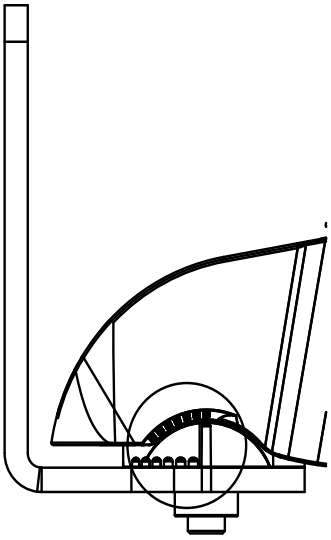
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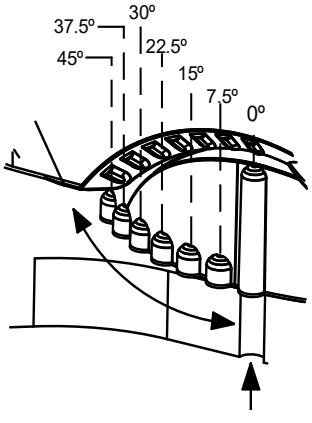


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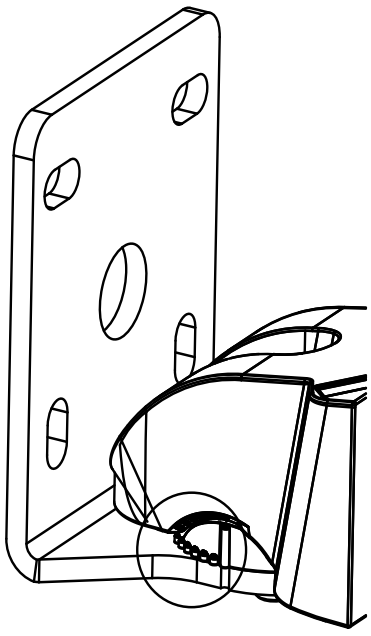


TILT ORIENTATION

7

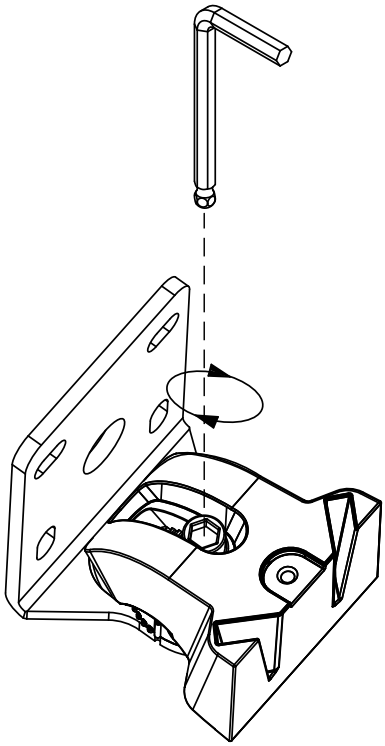


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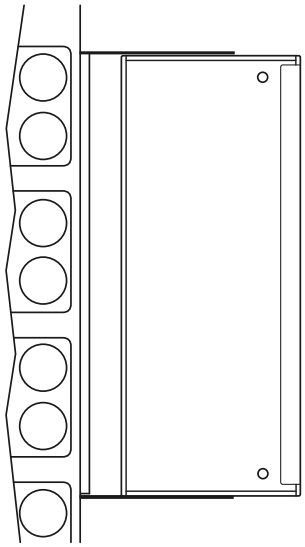
PAN ORIENTATION

8

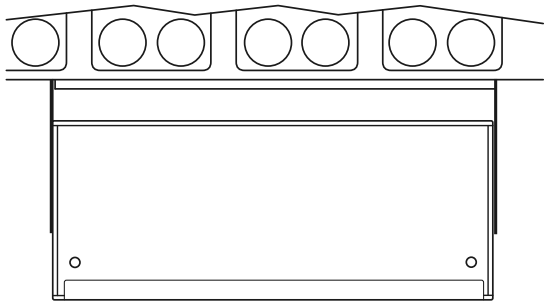


8.2.2 Installation using the U-bracket (ARQIS208i+ only)

1

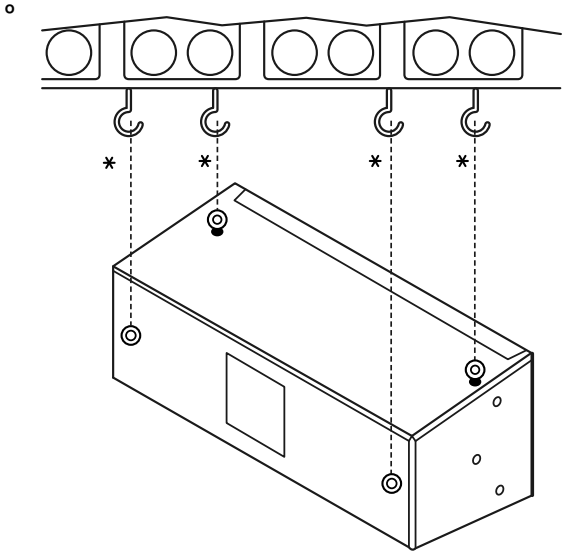


2



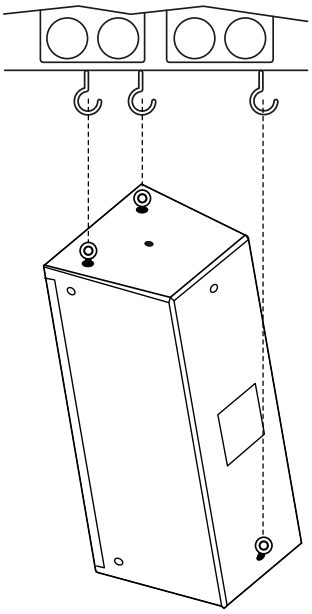
8.2.3 Installation using the included flying points

1



*** Suspension accessories (hooks, mounting hardware and cables) not included**

2



9. TECHNICAL DATA

9.1 Technical Specifications

9.1.1 ARQIS108i+

ARQIS108i+	
SYSTEM	
Effective frequency range[1]	69Hz - 20kHz
Coverage angle[2]	150°x130° (HxV)
Continuous Power handling[3]	200W
Program Power Handling[4]	400W
Peak Power Handling[5]	800W
On-axis Sensitivity[6]	90dB (1W/1m)
Maximum SPL[7]	113dB continuous / 119dB peak
Recommended amplifier power	400W RMS
TRANSDUCERS	
Configuration	2-Way
Low frequency driver	8" woofer
High frequency driver	1" Compression driver (rotatable)
Nominal impedance	8 Ω
FILTERS	
Crossover filter	3.5kHz
Recommended High-Pass protection filter	69Hz with minimum 12dB/octave filter
PHYSICAL	
Connection type	1 x Euroblock & 1x SPEAKON
Installation options	Surface, Wall, Desktop
Environmental	IP31
Enclosure material	MDF
Grill material	Steel
Grill fixing system	Screw fixation
Mounting system	VEASY Wall Bracket
Flying points	6 x M6 & 2 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	VEASY Wall Bracket
Finished colour	White (RAL 9003) or black (RAL 9005)
Dimensions (WxHxD)	267 x 410 x 300 mm / 10.5 x 16.1 x 11.8 in.
Weight	11.2 Kg / 24.7 lbs
Pieces per box	1 piece
Shipping dimensions (WxHxD)	360 x 328 x 540 mm / 14.2 x 12.9 x 21.3 in.
Shipping weight	14.3 Kg / 31.5 lbs

(1) Measured frequency range within -10dB of the 1kHz octave band level, according to IEC 60268-5.
(2) Beamwidth defined at –6 dB relative to the on-axis sound pressure level, averaged within the 1kHz to 8kHz range.
(3) RMS input power applied via IEC shaped band-limited pink noise for 2 hours, per AES2 power handling standard.
(4) Conventionally 3 dB higher than the RMS measure, intended to represent real music signals.
(5) Corresponds to the signal crests for the test described in (3).
(6) Sound pressure level at 1m with 1W input at nominal impedance under half-space radiation conditions.
(6') Sound pressure level at 1m with 1W input at nominal impedance under full-space radiation conditions.
(7) Calculated.

9.1.2 ARQIS208i+

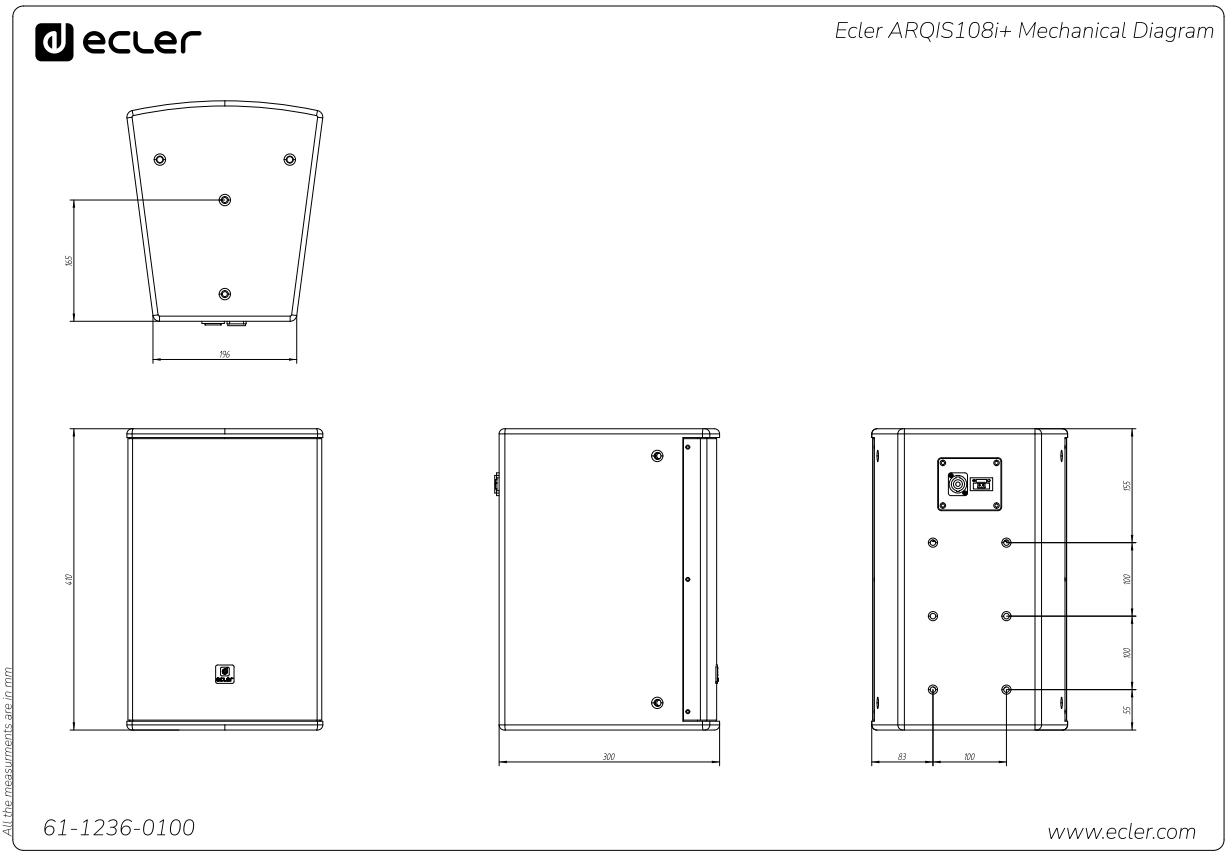
ARQIS208i+	
SYSTEM	
Effective frequency range[1]	67Hz-19kHz
Coverage angle[2]	110° x 150° (HxV)
Continuous Power handling[3]	400 W
Program Power Handling[4]	800 W
Peak Power Handling[5]	1600 W
On-axis Sensitivity[6]	93dB (1W/1m)
Maximum SPL[7]	119dB continuous / 125dB peak
Recommended amplifier power	800W RMS
TRANSDUCERS	
Configuration	2-Way
Low frequency driver	2 x 8" woofer
High frequency driver	1" Compression driver (rotatable)
Nominal impedance	8 Ω
FILTERS	
Crossover filter	2.6kHz
Recommended High-Pass protection filter	67Hz with minimum 12 dB/octave filter
PHYSICAL	
Connection type	1 x Euroblock& 1x SPEAKON
Installation options	Surface, Wall, Desktop
Environmental	IP31
Enclosure material	MDF
Grill material	Steel
Grill fixing system	Screw fixation
Mounting system	U Bracket
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	1x U Bracket
Finished colour	White (RAL 9003) or black (RAL 9005)
Dimensions (WxHxD)	260 x 710 x 290 mm / 10.2 x 28 x 11.4 in.
Weight	20 kg / 44.1 lb
Pieces per box	1 piece
Shipping dimensions (WxHxD)	780 x 355 x 320 mm / 30.7 x 14 x 12.6 in.
Shipping weight	24.1 Kgs / 53.1 lb

(1) Measured frequency range within -10dB of the 1kHz octave band level, according to IEC 60268-5.
(2) Beamwidth defined at –6 dB relative to the on-axis sound pressure level, averaged within the 1kHz to 8kHz range.
(3) RMS input power applied via IEC shaped band-limited pink noise for 2 hours, per AES2 power handling standard.
(4) Conventionally 3 dB higher than the RMS measure, intended to represent real music signals.
(5) Corresponds to the signal crests for the test described in (3).
(6) Sound pressure level at 1m with 1W input at nominal impedance under half-space radiation conditions.
(6') Sound pressure level at 1m with 1W input at nominal impedance under full-space radiation conditions.
(7) Calculated.

9.2 Mechanical Diagram

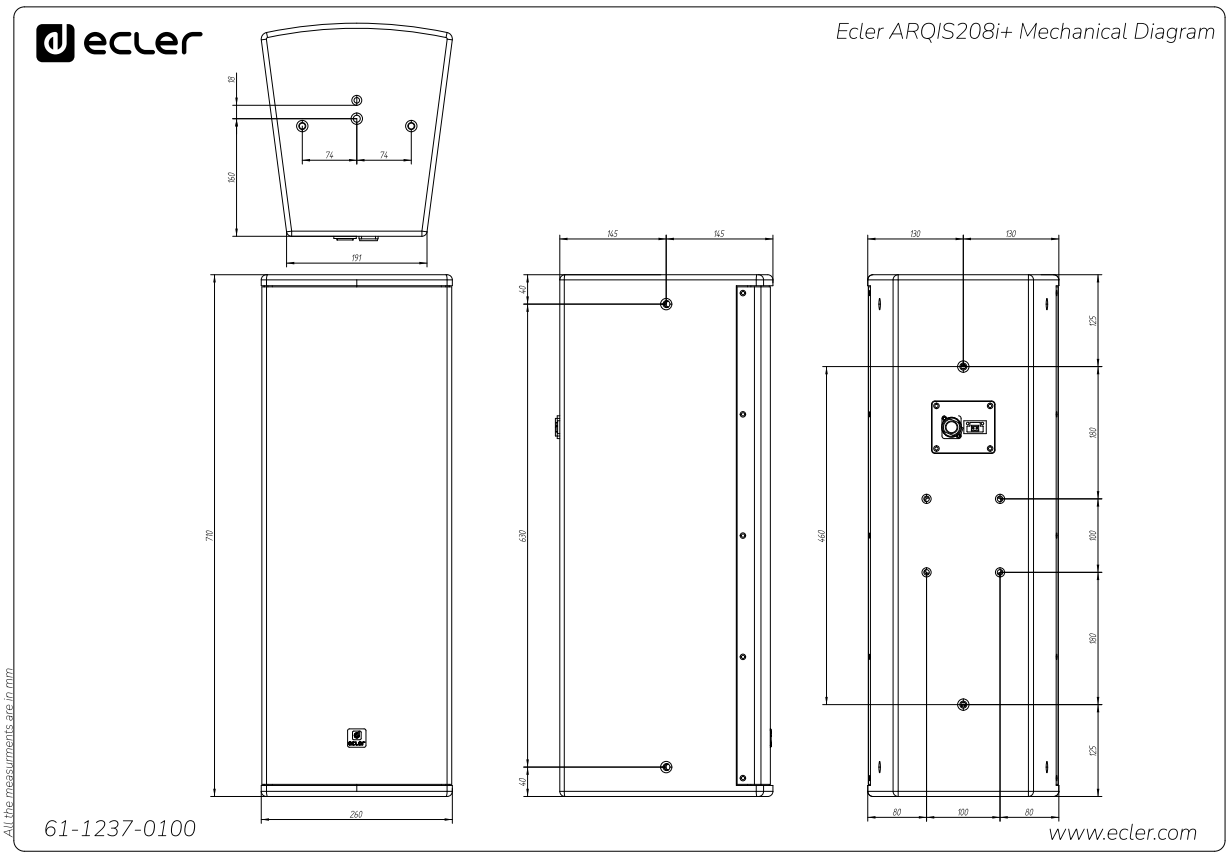
9.2.1 ARQIS108i+

All measurements are **in mm.**



9.2.2 ARQIS208i+

All measurements are **in mm.**



10. DoC (DECLARATION OF CONFORMITY)

10.1 ARQIS108i+

DECLARATION OF CONFORMITY

CE

NEEC AUDIO BARCELONA, S.L.
Motors 166-168
08038, Barcelona
SPAIN

We declare, under our sole responsibility, that the commercial equipment mentioned below corresponds to the internal model reference CARQIS108I2B or CARQIS108I2W, which identifies the same product configuration and does not represent different product constructions:

Brand: **ECLER**
Model: **ARQIS108i+** **- High-Performance Loudspeaker**

Is in conformity with the standards: EN 62368-1:2014

Following the provisions of the directives:

Low Voltage Directive (LVD)	2014/35/EU
Restriction of Hazardous Substances (RoHS)	2011/65/EU
Perfluorooctane Sulfonates (PFOS)	2006/122/EC
Regulation for Chemicals (REACH)	(EC) nº1907/2006

Date of first application of CE Marking: 2000

This certificate will be automatically invalidated in case of any kind of product unauthorized manipulation or modification.

Signed by:
CHARLES JOHN PINNELL
Authorised Legal Representative

ecler
NEEC AUDIO BARCELONA, S.L.
Motors 166-168 08038 Barcelona
T. 93 223 84 03 NIF: ESB55210645

Barcelona, 14/10/2026

10.2 ARQIS208i+

DECLARATION OF CONFORMITY

CE

NEEC AUDIO BARCELONA, S.L.
Motors 166-168
08038, Barcelona
SPAIN

We declare, under our sole responsibility, that the commercial equipment mentioned below corresponds to the internal model reference CARQIS208I2B or CARQIS208I2W, which identifies the same product configuration and does not represent different product constructions:

Brand: **ECLER**
Model: **ARQIS208i+** **- High-Performance Loudspeaker**

Is in conformity with the standards: EN 62368-1:2014

Following the provisions of the directives:

Low Voltage Directive (LVD)	2014/35/EU
Restriction of Hazardous Substances (RoHS)	2011/65/EU
Perfluorooctane Sulfonates (PFOS)	2006/122/EC
Regulation for Chemicals (REACH)	(EC) nº1907/2006

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NEEC AUDIO BARCELONA, S.L.
Motors 166-168 08038 Barcelona
T. 93 223 84 03 NIF: ESB55210645

Barcelona, 14/10/2026

Motors, 166-168
08038 – Barcelona - Spain
www.ecler.com

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.**