

# ARQIS108i

CABINET LOUDSPEAKERS

Architectural Loudspeaker Cabinet



#### **PRODUCT OVERVIEW**

ARQIS108i is a 2-way wooden loudspeaker cabinet with a compact format, stylish aesthetics, excellent sound quality and long-term reliability, featuring 150 WRMS @  $8\Omega$ , 8" woofer and 1" HF Compression Driver. Its VEASY wall bracket (VESA compatible), allows for pan & tilt adjustment, employing a single screw for fastening. 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
- 150 WRMS @ 8Ω
- 8" low frequency woofer
- 1" high frequency compression driver (rotatable)
- Double INPUT/STACK connector, Euroblock type, with security attachment screws to avoid accidental disconnection
- VEASY Wall bracket included, allowing for pan & tilt adjustment, employing a single screw for fastening. Robust, quick and easy to install, including jumps and markings for repeating speaker orientation.
- Metal safety sling included, to avoid drops in case of accidental detachment from the wall surface
- U-bracket wall-mount accessory compatible (not included)
- 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**

• ARQ108UB





## **TECHNICAL SPECIFICATIONS**

| Effective frequency range¹   Coverage angle²   Power handling   Sensitivity³   Sensitivity*     | ARQIS108i                               |                                               |
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| Effective frequency range¹ Coverage angle² Power handling Sensitivity³ 90dB (1W/Im) 112dB continuous / 118dB peak 300W  Transducers  Ways Low frequency driver High frequency driver Nominal impedance Filters  Crossover filter Recommended High-Pass protection filter Physical  Connection type Installation options Environmental Enclosure material Grille fixing system Flying points Operating temperature Filters  Coperating temperature Storage humidity Storage temperature Finished color Dimensions (WxHxD) Weight Pieces per box Shipping dimensions (WxHxD) Shipping dimensions (WxHxD) Shipping dimensions (WxHxD) Sensitivity³ Sourage (HxV) 130°x130° (HxV) 1250° (HxV) 1260° ( |                                         |                                               |
| Power handling   Sensitivity3   90dB (1W/1m)   112dB continuous / 118dB peak   300W   112dB continuous / 118dB peak   300W      | Effective frequency range <sup>1</sup>  |                                               |
| Sensitivity <sup>3</sup>   Maximum SPL <sup>4</sup>   Recommended amplifier   300W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                         | ` '                                           |
| Transducers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | =                                       |                                               |
| Transducers  Ways Low frequency driver High frequency driver Nominal impedance  Filters  Crossover filter Recommended High-Pass protection filter Physical  Connection type Installation options Environmental Grille material Grille fixing system Flying points Operating temperature Operating humidity Storage temperature Storage humidity Storage temperature Finished color Dimensions (WxHxD) Weight Pieces per box Shipping dimensions (WxHxD)  Verysical  2-way, full range % woofer 1" Compression driver (rotatable) 8Ω  2-way, full range 8" woofer 1" Compression driver (rotatable) 8Ω  1 × Euroblock & 1x Speakon® (+1, -1) Surface, wall, desktop I x Euroblock & 1x Speakon® (+1, -1) Surface, wall, desktop I x Euroblock & 1x Speakon® (+1, -1) Surface, wall, desktop I x Euroblock & 1x Speakon® (+1, -1) Surface, wall, desktop I x Euroblock & 1x Speakon® (+1, -1) Surface, wall, desktop I x Euroblock & 1x Speakon® (+1, -1) Surface, wall, desktop I x Euroblock & 1x Speakon® (+1, -1) Surface, wall, desktop I x Euroblock & 1x Speakon® (+1, -1) Surface, wall, desktop I x Euroblock & 1x Speakon® (+1, -1) Surface, wall, desktop I x Euroblock & 1x Speakon® (+1, -1) Surface, wall, desktop I ya                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | ·                                       |                                               |
| Transducers  Ways Low frequency driver High frequency driver Nominal impedance  Filters  Crossover filter Recommended High-Pass protection filter Physical  Connection type Installation options Environmental Enclosure material Grille fixing system Flying points Operating temperature  Operating humidity Storage temperature  Storage humidity Included accessories  Finished color Dimensions (WxHxD) Shipping dimensions (WxHxD)  Veright Pieces per box Shipping dimensions (WxHxD)  Veright |                                         | · ·                                           |
| Vays   Low frequency driver   High frequency driver   Nominal impedance   1" Compression driver (rotatable)   8Ω                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                         |                                               |
| Low frequency driver High frequency driver Nominal impedance  Filters  Crossover filter Recommended High-Pass protection filter  Physical  Connection type Installation options Environmental Enclosure material Grille material Grille fixing system Flying points  Operating temperature  Operating humidity Storage temperature  Storage humidity Included accessories  Finished color Dimensions (WxHxD)  Weight Pieces per box Storage dimensions (WxHxD)  Stitter  Crossover filter 3,5 kHz 70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  1 x Euroblock & 1x Speakon® (+1, -1)  Surface, wall, desktop  1 x Euroblock & 1x Speakon® (+1, -1)  Surface, wall, desktop  1 x Euroblock & 1x Speakon® (+1, -1)  Surface, wall, desktop  1 x Euroblock & 1x Speakon® (+1, -1)  Surface, wall, desktop  1 x Euroblock & 1x Speakon® (+1, -1)  Surface, wall, desktop  1 x Euroblock & 1x Speakon® (+1, -1)  Surface, wall, desktop  1 x Euroblock & 1x Speakon® (+1, -1)  Surface, wall, desktop  1 x Euroblock & 1x Speakon® (+1, -1)  Surface, wall, desktop  1 x Euroblock & 1x Speakon® (+1, -1)  Surface, wall, desktop  1 x Euroblock & 1x Speakon® (+1, -1)  Surface, wall, desktop  1 x Euroblock & 1x Speakon® (+1, -1)  Surface, wall, desktop  |                                         | 2-way full range                              |
| $\begin{tabular}{ll} High frequency driver Nominal impedance & SC & Crossover filter & SC & Crossover filter & SC & SC & SKHZ & TO Hz with minimum 12 dB / octave filter & Thysical & SV & Speakon & SV & Speakon & SV & Surface, wall, desktop & SV & S$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | •                                       |                                               |
| Filters  Crossover filter Recommended High-Pass protection filter Physical  Connection type Installation options Environmental Enclosure material Grille material Grille fixing system Flying points Operating temperature Operating humidity Storage temperature Storage humidity Included accessories Finished color Dimensions (WxHxD) Shipping dimensions (WxHxD)  Stable  A,5 kHz 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter 70 Hz with minimum 12 dB / octave filter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ·                                       |                                               |
| Filters  Crossover filter Recommended High-Pass protection filter  Physical  Connection type Installation options Environmental Enclosure material Grille fixing system Flying points Operating temperature  Operating humidity Storage temperature  Storage humidity Included accessories Finished color Dimensions (WXHxD) Weight Pieces per box Shipping dimensions (WXHxD)  Starage transparent filter  A Starage filter  A Starage with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  70 Hz with minimum 12 dB / octave filter  1 x Euroblock & 1x Speakon© (+1, -1)  Surface, wall, desktop  I ys lipsup (+1, -1)  MDF  Steel  Screw fixation  6 x M6 & 2 x M8  Min: -20°C; -4°F  Max: 70°C; 158°F  <90% HR  VEASY Wall Bracket / 3mm Allen key/ 4mm  Allen key / 6mm Allen key  Black (RAL9005) or White (RAL 9003)  244 x 390 x 280 mm / 9.61 x 15.35 x 11.02 in  8,4 kg / 18,51 lb  1 unit  435 x 445 x 320 mm / 17.13 x 17.52 x 12.60 in                                                                                                                                                                                                                                                                                                                                         |                                         |                                               |
| Recommended High-Pass protection filter Physical  Connection type Installation options Environmental Enclosure material Grille fixing system Flying points Operating temperature  Operating humidity Storage temperature  Storage humidity Included accessories Finished color Dimensions (WxHxD) Weight Pieces per box Shipping dimensions (WxHxD)  SturGace, wall, desktop IP31  A x Euroblock & 1x Speakon© (+1, -1) Surface, wall, desktop IP31  A x Euroblock & 1x Speakon© (+1, -1) Surface, wall, desktop IP31  A x Euroblock & 1x Speakon© (+1, -1) Surface, wall, desktop IP31  A x Euroblock & 1x Speakon© (+1, -1) Surface, wall, desktop IP31  A x Euroblock & 1x Speakon© (+1, -1) Surface, wall, desktop IP31  A x Euroblock & 1x Speakon© (+1, -1) Surface, wall, desktop IP31  A x Euroblock & 1x Speakon© (+1, -1) Surface, wall, desktop IP31  A x Euroblock & 1x Speakon© (+1, -1) Surface, wall, desktop IP31  A x Euroblock & 1x Speakon© (+1, -1) Surface, wall, desktop IP31  A x Euroblock & 1x Speakon© (+1, -1) Surface, wall, desktop IP31  A x Euroblock & 1x Speakon© (+1, -1) Surface, wall, desktop IP31  ADF  Steel Screw fixation 6 x M6 & 2 x M8 Min: -20°C; -4°F Max: 70°C; 158°F < 85% HR Min: -20°C; -4°F Max: 70°C; 158°F < 90% HR VEASY Wall Bracket / 3mm Allen key/ 4mm Allen key / 6mm Allen key IBack (RAL9005) or White (RAL 9003) 244 x 390 x 280 mm / 9.61 x 15.35 x 11.02 in 8 4 kg / 18,51 lb 1 unit 435 x 445 x 320 mm / 17.13 x 17.52 x 12.60 in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <u> </u>                                |                                               |
| Connection type Installation options Environmental Enclosure material Grille fixing system Flying points Operating temperature Operating humidity Storage temperature Storage humidity Included accessories Finished color Dimensions (WxHxD) Weight Pieces per box Shipping dimensions (WxHxD)  Installation options Environmental I x Euroblock & 1x Speakon® (+1, -1) Surface, wall, desktop IP31 MDF Steel Screw fixation 6 x M6 & 2 x M8 Min: -20°C; -4°F Max: 70°C; 158°F <85% HR Min: -20°C; -4°F Max: 70°C; 158°F <90% HR VEASY Wall Bracket / 3mm Allen key/ 4mm Allen key / 6mm Allen key Black (RAL9005) or White (RAL 9003) 244 x 390 x 280 mm / 9.61 x 15.35 x 11.02 in 8.4 kg / 18,51 lb 1 unit 435 x 445 x 320 mm / 17.13 x 17.52 x 12.60 in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Crossover filter                        | 3,5 kHz                                       |
| Connection type Installation options Environmental Enclosure material Grille material Grille fixing system Flying points Operating temperature Operating humidity Storage temperature Included accessories Finished color Dimensions (WxHxD) Weight Pieces per box Shipping dimensions (WxHxD)  Installation options Surface, wall, desktop IP31  MDF  Surface, wall, desktop  IP31  MDF  Steel  Screw fixation  6 x M6 & 2 x M8  Min: -20°C; -4°F  Max: 70°C; 158°F  <85% HR  Min: -20°C; -4°F  Max: 70°C; 158°F  <90% HR  VEASY Wall Bracket / 3mm Allen key/ 4mm Allen key / 6mm Allen key  Black (RAL9005) or White (RAL 9003)  244 x 390 x 280 mm / 9.61 x 15.35 x 11.02 in  8.4 kg / 18,51 lb  1 unit  435 x 445 x 320 mm / 17.13 x 17.52 x 12.60 in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Recommended High-Pass protection filter | 70 Hz with minimum 12 dB / octave filter      |
| Installation options Environmental Enclosure material Grille fixing system Flying points Operating temperature Operating humidity Storage temperature Storage humidity Included accessories Finished color Dimensions (WxHxD) Weight Pieces per box Shipping dimensions (WxHxD)  Strade, wall, desktop IP31 MDF Steel Screw fixation 6 × M6 & 2 × M8 Min: -20°C; -4°F Max: 70°C; 158°F <<85% HR Min: -20°C; -4°F Max: 70°C; 158°F <<90% HR VEASY Wall Bracket / 3mm Allen key/ 4mm Allen key / 6mm Allen key Black (RAL9005) or White (RAL 9003) 244 × 390 × 280 mm / 9.61 × 15.35 × 11.02 in 8.4 kg / 18,51 lb 1 unit 435 × 445 × 320 mm / 17.13 × 17.52 × 12.60 in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Physical                                |                                               |
| Environmental Enclosure material Grille material Grille fixing system Flying points Operating temperature Operating humidity Storage temperature Storage humidity Included accessories Finished color Dimensions (WxHxD) Weight Pieces per box Shipping dimensions (WxHxD)  Finished color Shipping dimensions (WxHxD)  Storage material MDF Steel Screw fixation 6 x M6 & 2 x M8 Min: -20°C; -4°F Max: 70°C; 158°F <85% HR Min: -20°C; -4°F Max: 70°C; 158°F <90% HR VEASY Wall Bracket / 3mm Allen key/ 4mm Allen key / 6mm Allen key Black (RAL9005) or White (RAL 9003) 244 x 390 x 280 mm / 9.61 x 15.35 x 11.02 in 8.4 kg / 18,51 lb 1 unit 435 x 445 x 320 mm / 17.13 x 17.52 x 12.60 in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Connection type                         | 1 x Euroblock & 1x Speakon© (+1, -1)          |
| Enclosure material Grille material Grille fixing system Flying points Operating temperature Operating humidity Storage temperature Storage humidity Included accessories Finished color Dimensions (WxHxD) Weight Pieces per box Shipping dimensions (WxHxD)  Grille material Steel Screw fixation 6 x M6 & 2 x M8 Min: -20°C; -4°F Max: 70°C; 158°F <85% HR Min: -20°C; -4°F Max: 70°C; 158°F <90% HR VEASY Wall Bracket / 3mm Allen key/ 4mm Allen key / 6mm Allen key Black (RAL9005) or White (RAL 9003) 244 x 390 x 280 mm / 9.61 x 15.35 x 11.02 in 8.4 kg / 18,51 lb 1 unit 435 x 445 x 320 mm / 17.13 x 17.52 x 12.60 in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                         |                                               |
| Grille material Grille fixing system Flying points Operating temperature Operating humidity Storage temperature Storage humidity Included accessories Finished color Dimensions (WxHxD) Weight Pieces per box Shipping dimensions (WxHxD)  Grille material Screw fixation 6 x M6 & 2 x M8 Min: -20°C; -4°F Max: 70°C; 158°F <85% HR Min: -20°C; -4°F Max: 70°C; 158°F <90% HR VEASY Wall Bracket / 3mm Allen key/ 4mm Allen key / 6mm Allen key Black (RAL9005) or White (RAL 9003) 244 x 390 x 280 mm / 9.61 x 15.35 x 11.02 in 8.4 kg / 18,51 lb 1 unit 435 x 445 x 320 mm / 17.13 x 17.52 x 12.60 in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                         |                                               |
| Grille fixing system Flying points Operating temperature Operating humidity Storage temperature Storage humidity Included accessories Finished color Dimensions (WxHxD) Weight Pieces per box Shipping dimensions (WxHxD)  Flying points Ox M6 & 2 x M8 Min: -20°C; -4°F Max: 70°C; 158°F  <85% HR Min: -20°C; -4°F Max: 70°C; 158°F  <90% HR VEASY Wall Bracket / 3mm Allen key/ 4mm Allen key / 6mm Allen key Black (RAL9005) or White (RAL 9003) 244 x 390 x 280 mm / 9.61 x 15.35 x 11.02 in 8.4 kg / 18,51 lb 1 unit 435 x 445 x 320 mm / 17.13 x 17.52 x 12.60 in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                         |                                               |
| Flying points Operating temperature Operating humidity Storage temperature Storage humidity Included accessories Finished color Dimensions (WxHxD) Shipping dimensions (WxHxD)  Flying points  6 x M6 & 2 x M8  Min: -20°C; -4°F  Max: 70°C; 158°F  <85% HR Min: -20°C; -4°F  Max: 70°C; 158°F  <90% HR VEASY Wall Bracket / 3mm Allen key/ 4mm  Allen key / 6mm Allen key  Black (RAL9005) or White (RAL 9003)  244 x 390 x 280 mm / 9.61 x 15.35 x 11.02 in  8.4 kg / 18,51 lb  1 unit  435 x 445 x 320 mm / 17.13 x 17.52 x 12.60 in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                         |                                               |
| Operating temperature  Min: -20°C; -4°F  Max: 70°C; 158°F  <85% HR  Min: -20°C; -4°F  Max: 70°C; 158°F  <85% HR  Min: -20°C; -4°F  Max: 70°C; 158°F  <90% HR  VEASY Wall Bracket / 3mm Allen key/ 4mm  Allen key / 6mm Allen key  Black (RAL9005) or White (RAL 9003)  244 x 390 x 280 mm / 9.61 x 15.35 x 11.02 in  Weight  Pieces per box  Shipping dimensions (WxHxD)  Shipping dimensions (WxHxD)  Min: -20°C; -4°F  Max: 70°C; 158°F  <85% HR  Min: -20°C; -4°F  Max: 70°C; 158°F  <90% HR  VEASY Wall Bracket / 3mm Allen key/ 4mm  Allen key / 6mm Allen key  Black (RAL9005) or White (RAL 9003)  244 x 390 x 280 mm / 9.61 x 15.35 x 11.02 in  8.4 kg / 18,51 lb  1 unit  435 x 445 x 320 mm / 17.13 x 17.52 x 12.60 in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <u> </u>                                |                                               |
| Max: 70°C; 158°F  Operating humidity Storage temperature  Min: -20°C; -4°F Max: 70°C; 158°F  Storage humidity Included accessories  Finished color Dimensions (WxHxD) Weight Pieces per box  Shipping dimensions (WxHxD)  Operating humidity  Als: 70°C; 158°F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | : = :                                   |                                               |
| Operating humidity Storage temperature  Amax: 70°C; -4°F Max: 70°C; 158°F  Storage humidity Included accessories  Finished color Dimensions (WxHxD) Weight Pieces per box  Shipping dimensions (WxHxD)  Storage temperature  Min: -20°C; -4°F Max: 70°C; 158°F  <90% HR  VEASY Wall Bracket / 3mm Allen key/ 4mm Allen key / 6mm Allen key  Black (RAL9005) or White (RAL 9003)  244 x 390 x 280 mm / 9.61 x 15.35 x 11.02 in  8.4 kg / 18,51 lb 1 unit 435 x 445 x 320 mm / 17.13 x 17.52 x 12.60 in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Operating temperature                   | · ·                                           |
| Storage temperature  Min: -20°C; -4°F  Max: 70°C; 158°F  <90% HR  VEASY Wall Bracket / 3mm Allen key/ 4mm  Allen key / 6mm Allen key  Black (RAL9005) or White (RAL 9003)  244 x 390 x 280 mm / 9.61 x 15.35 x 11.02 in  Weight  Pieces per box  Shipping dimensions (WxHxD)  Storage temperature  Min: -20°C; -4°F  Max: 70°C; 158°F  <90% HR  VEASY Wall Bracket / 3mm Allen key/ 4mm  Allen key / 6mm Allen key  Black (RAL9005) or White (RAL 9003)  244 x 390 x 280 mm / 9.61 x 15.35 x 11.02 in  8.4 kg / 18,51 lb  1 unit  435 x 445 x 320 mm / 17.13 x 17.52 x 12.60 in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                         |                                               |
| Storage humidity Included accessories  Finished color Dimensions (WxHxD) Weight Pieces per box Shipping dimensions (WxHxD)  Storage humidity  VEASY Wall Bracket / 3mm Allen key/ 4mm Allen key / 6mm Allen key  Black (RAL9005) or White (RAL 9003) 244 x 390 x 280 mm / 9.61 x 15.35 x 11.02 in 8.4 kg / 18,51 lb 1 unit 435 x 445 x 320 mm / 17.13 x 17.52 x 12.60 in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                         |                                               |
| Storage humidity Included accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Storage temperature                     | · ·                                           |
| Included accessories  VEASY Wall Bracket / 3mm Allen key/ 4mm Allen key / 6mm Allen key Black (RAL9005) or White (RAL 9003) 244 x 390 x 280 mm / 9.61 x 15.35 x 11.02 in Weight Pieces per box Shipping dimensions (WxHxD)  VEASY Wall Bracket / 3mm Allen key/ 4mm Allen key / 6mm Allen key/ 4mm Allen key / 6mm Allen key/ 4mm Allen key / 18,51 lb 1 unit 435 x 445 x 320 mm / 17.13 x 17.52 x 12.60 in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Storago humidity                        | · · · · · · · · · · · · · · · · · · ·         |
| Allen key / 6mm Allen key  Finished color Dimensions (WxHxD) Weight Pieces per box Shipping dimensions (WxHxD) $435 \times 445 \times 320 \text{ mm} / 17.13 \times 17.52 \times 12.60 \text{ in}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | · · · · · · · · · · · · · · · · · · ·   |                                               |
| Finished color Dimensions (WxHxD) $\times$ Weight Pieces per box Shipping dimensions (WxHxD) $\times$ Black (RAL9005) or White (RAL 9003) $\times$ 244 $\times$ 390 $\times$ 280 mm / 9.61 $\times$ 15.35 $\times$ 11.02 in 8.4 kg / 18,51 lb 1 unit $\times$ 435 $\times$ 445 $\times$ 320 mm / 17.13 $\times$ 17.52 $\times$ 12.60 in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | included accessories                    | •                                             |
| Dimensions (WxHxD) $244 \times 390 \times 280 \text{ mm} / 9.61 \times 15.35 \times 11.02 \text{ in}$ Weight $8.4 \text{ kg} / 18,51 \text{ lb}$ $1 \text{ unit}$ Shipping dimensions (WxHxD) $435 \times 445 \times 320 \text{ mm} / 17.13 \times 17.52 \times 12.60 \text{ in}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Finished color                          |                                               |
| Weight $8.4 \text{ kg} / 18,51 \text{ lb}$ Pieces per box $1 \text{ unit}$ Shipping dimensions (WxHxD) $435 \times 445 \times 320 \text{ mm} / 17.13 \times 17.52 \times 12.60 \text{ in}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                         |                                               |
| Pieces per box Shipping dimensions (WxHxD) $1 \text{ unit}$ $435 \times 445 \times 320 \text{ mm} / 17.13 \times 17.52 \times 12.60 \text{ in}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | · · · · · · · · · · · · · · · · · · ·   | · ·                                           |
| Shipping dimensions ( $\dot{W}xHxD$ ) 435 x 445 x 320 mm / 17.13 x 17.52 x 12.60 in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <u>₹</u>                                |                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | •                                       | 435 x 445 x 320 mm / 17.13 x 17.52 x 12.60 in |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | : i =                                   | 10.5 kg / 23.14 lb                            |

<sup>&</sup>lt;sup>1</sup>10dB below the sound pressure level at specified sensitivity

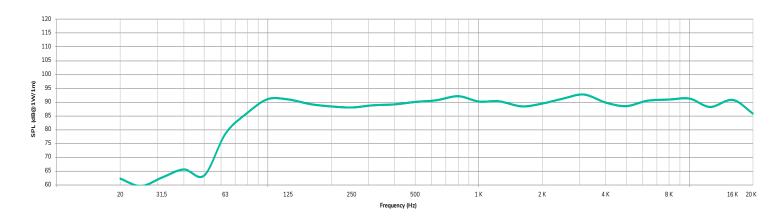
<sup>&</sup>lt;sup>2</sup>6dB below the sound pressure level than that at the direction of maximum level, Max. angle between 1 kHz and 4 kHz.

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

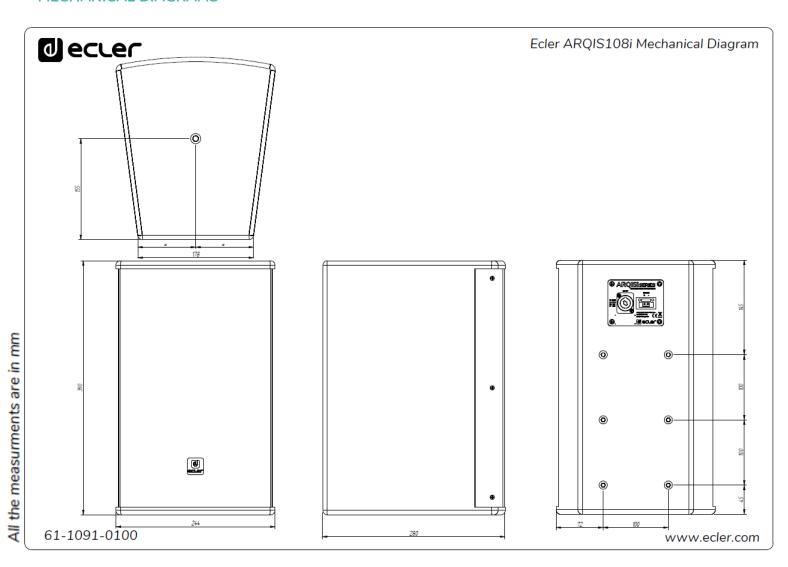
<sup>&</sup>lt;sup>4</sup>Calculated from sensitivity and power handling specifications, exclusive of power compression



## FREQUENCY RESPONSE ON-AXIS



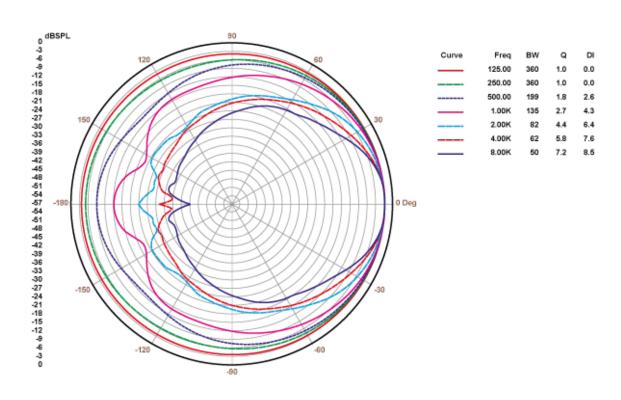
## **MECHANICAL DIAGRAMS**



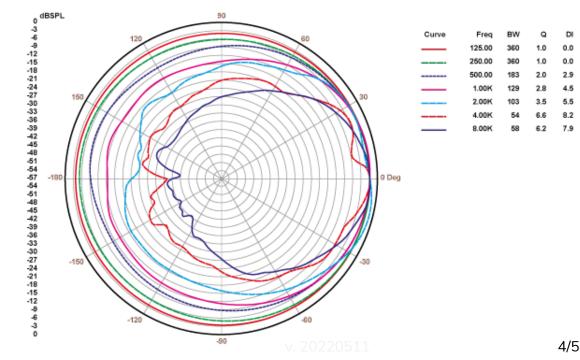


## **POLAR DIAGRAMS**

## **HORIZONTAL**



## **VERTICAL**



#### **ECLER TECHNICAL DATA SHEET**



#### **A&E SPECIFICATIONS**

The loudspeaker shall be a 2-way wooden loudspeaker cabinet, incorporating a high-efficiency 8" mid/low woofer and 1" rotatable compression driver. It shall have a power handling of 150 W RMS with a peak power handling of 600 W and the effective frequency range ( $\pm 10 \text{ dB}$ ) shall be from 65 Hz to 20 kHz.

Crossover filter shall be at 3,5 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 112 dB. The coverage angle shall be  $130^{\circ} \times 130^{\circ}$  (HxV).

The loudspeaker shall have a nominal impedance of 8  $\Omega$ . 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 VESA compatible wall bracket, which enables pan & tilt adjustment, employing a single screw for fastening. An additional metal safety sling shall be provided, to avoid drops in case of accidental detachment. The full range system's enclosure shall be 244 mm wide, 390 mm high and 280 mm deep and the weight shall not exceed 8,4 Kg.

The loudspeaker shall be the ECLER ARQIS108i.



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 <u>Support / Technical requests</u>.

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