

Aries E - Diffuser



Diffusion is a prime component of any balanced acoustic treatment.

Aries Diffuser was designed using various diffusion techniques – inspired from traditional numeric sequence diffusers, it is composed of asymmetrical multi-depth wells, in which specific wells use a folded-depth technique to boost the mid-low diffusion range of the panel.

Whilst the panel itself is only 60mm thick, the extended wells on the diffuser are designed to be effective at 160 Hz and 400 Hz, with a linear diffusion pattern from 700Hz upwards – providing Aries diffuser an unheard-of diffusion capacity for its size.

The asymmetric wells are arranged in an optimised sequence to prevent lobing when used in larger arrays – in this, in combination with the extended low-range diffusion, make Aries go lower and outperform any other diffuser in its class – a truly unique approach to diffusion techniques, and a clear advance in performance over the traditional QRD design.

Features

Type:
2D - QRD Diffuser

Scattering range:
160 Hz to 4000 Hz

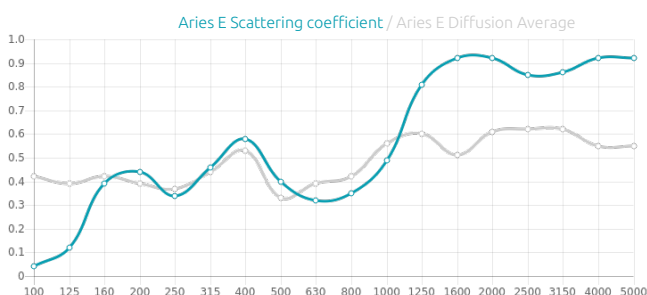
Purpose

- Improving mid-low frequency response
- Flutter echo control
- Specular reflection control
- Enlarging sweet spot

Recommended for

- Control room
- Recording room
- Home studio
- Broadcast studio
- Drum room

Performance



Looking at the polar response of three cross-sections of Aries, you can see the true broadband response of the panel.

This product is available in the following Fire Rate:
FG | Furniture Grade

PRODUCT COMPOSITION:

Aries E | Natural wood veneer
- Natural wood veneer
- EPS

Aries E | Lacquered HMDF
- Lacquered HMDF
- EPS

Dimensions:

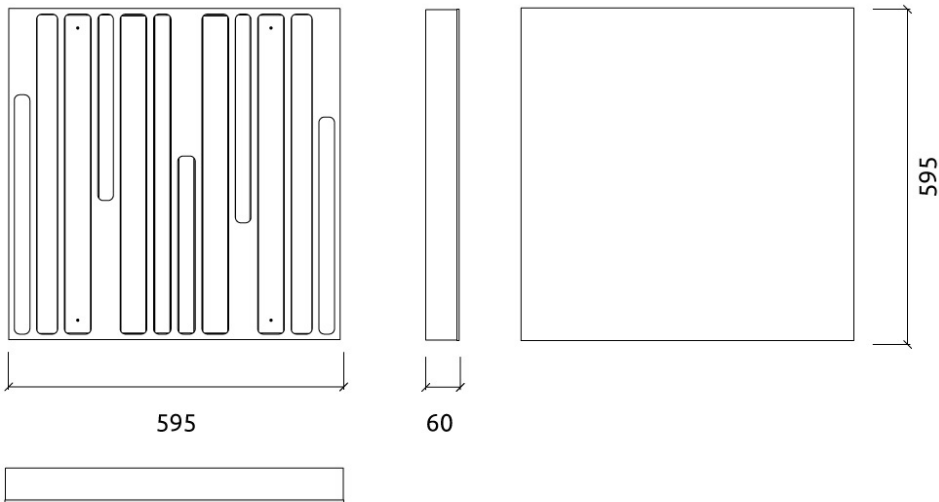
Aries E | 595x595x60mm

Integrated Fixing System | This panel can be rotated 90° to any orientation

Aries is available in a selection of quality lacquered and natural wood finishes. Designed to be used with other Artnovion products, with exactly the same thickness once installed. Aries is hung on screws, and can be installed on any surface, in any orientation.

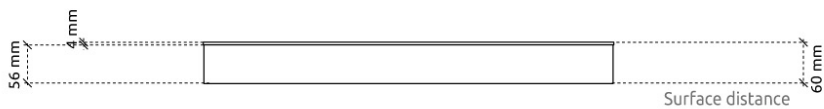
Why use diffusion?

Diffuser panels scattering incoming sound waves into smaller, lower energy waves, scattered over a large area. These scattered reflections create a homogeneous sound field distribution and a full, balanced acoustic response. This improves speech intelligibility, music quality, and creates a more uniform, larger sweet spot.

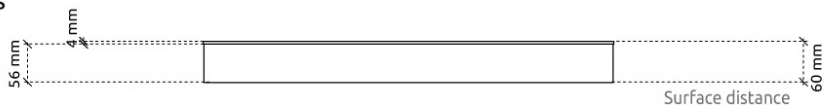


Fixing Systems

GlueArt & Instant Fix Kit



Integrated Fixing Systems



Add-ons



GlueArt



Instant Fix Kit

Installation:
Integrated Fixing System

Dimensions

FG - NW | 595x595x60mm
FG - LW | 595x595x60mm

Weight

0.81 Kg
0.81 Kg

Box

Quantity per box: 6
Dimensions: 645x405x655mm
Volume: 0.171m3

Box

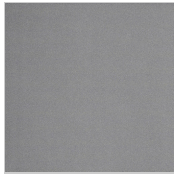
Weight: 6.0Kg

Aries E - Diffuser

(FG - LW) Lacquered Wood Finishes



FG | (L06) Noir Vintage
Retail code:
782113210010041



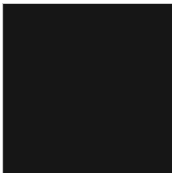
FG | (L20) Grey Aluminium
Retail code:
782113210010111



FG | (L21) Gloss White
Retail code:
782113210010121



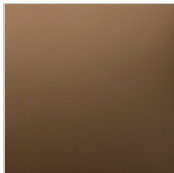
FG | (L24) Ruby Red
Retail code:
782113210010241



FG | (L22) Jet Black
Retail code:
782113210010131

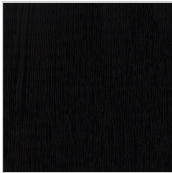


FG | Custom RAL
Retail code:
782113210010001



FG | (L10) Bronze
Retail code:
782113210011051

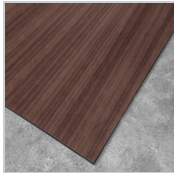
(FG - NW) Natural Wood Finishes



FG | (W17) Black Ash
Retail code:
781113210010171



FG | (W12) Ash Natura
Retail code:
781113210010121



FG | (W09) Black Walnut Natura
Retail code:
781113210010091



FG | (W13) Oak Natura
Retail code:
781113210010131



FG | (W08) Wenge Natura
Retail code:
781113210010081