

Low frequency control is the Foundation of acoustic treatment.

Strong modal frequencies can be the make-or-break of many rooms, often uncontrollable without altering room structure.

Enter the Sub Trap - a new approach on low frequency control - a fine-tuneable device with unprecedented performance.

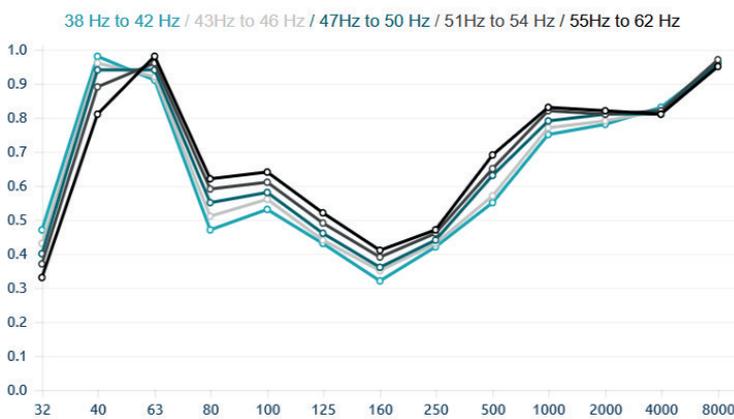
The Sub Trap is a new category of acoustic treatment, targeting the sub-bass frequency range. It boasts the highest absorption coefficient per volume on the market.

It employs Artnovion's latest membrane technology - a symbiosis of precision engineering and material science - creating a device that can be precisely calibrate to work at the exact resonant frequency of a space.

The Sub Trap is composed of 4 independent cavities - 3 sealed volumes equipped with independent, tuneable diaphragmatic membranes, and an additional acoustic core packed with a high performance porous absorber. This configuration is designed to bring you the best performance possible, with pressure and velocity sensitive cores exposed to the correct modal areas.



Performance



Features

Type:
Tuneable Pistonic Diaphragmatic Membrane Technology

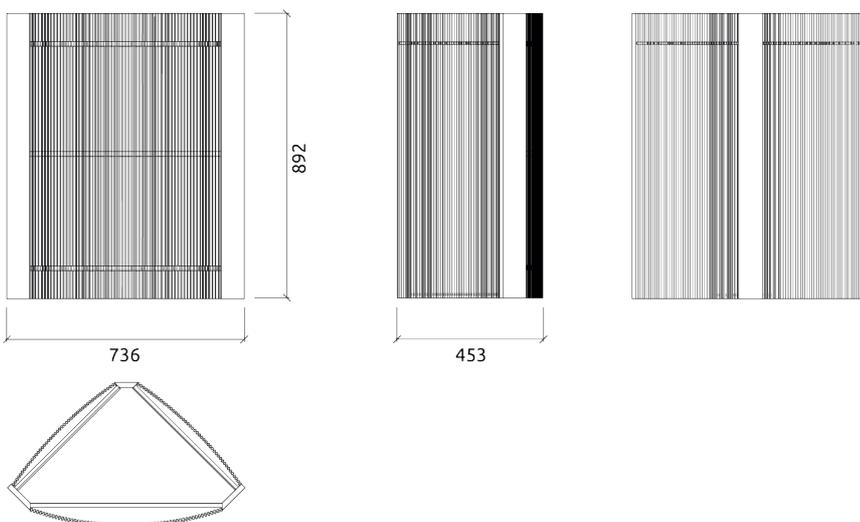
- Tuneable absorption range: 40 to 60 Hz
- Hz-by-Hz peak absorption tuning
- Triple Pressure acoustic core + Velocity core
- High Efficiency Bass Trap

- Material:
- Natural Wood veneer | Solid Wood
 - Marine grade plywood structural frame
 - Calibrated cell acoustic foam

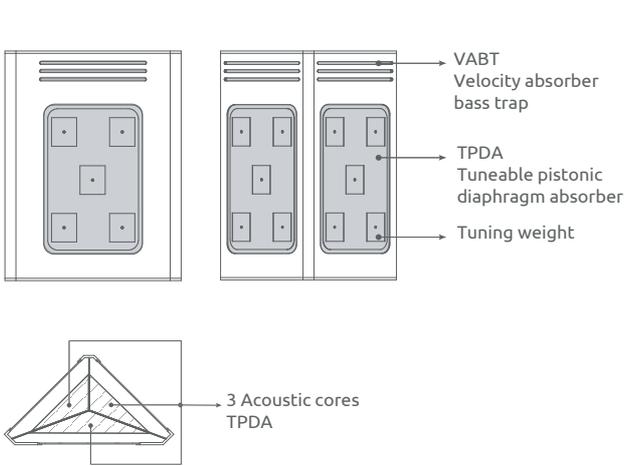
Dimensions:

FG - NW | 736x892x453mm

Technical Information



Sub Trap | Range



Fine-tuning possibilities

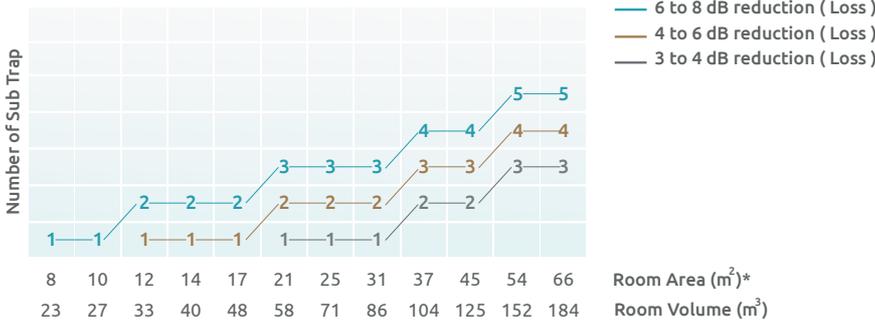
- [39 Hz]
- [42 Hz]
- [43 Hz]
- [46 Hz]
- [47 Hz]
- [50 Hz]
- [51 Hz]
- [54 Hz]
- [55 Hz]
- [58 Hz]
- [59 Hz]
- [62 Hz]



Purpose

- Room mode control
- Bass ratio control
- Low frequency RT reduction
- Improving low frequency response
- Reducing low frequency time decay

Sub Trap performance



* Ceiling height from 2,7 to 3m

Recommended for

- Hi-Fi Listening Room
- Media Room
- Home Cinema
- Living Room

Product finishes

(FG - NW) Natural Wood Finishes



(W 03) Wenge



(W 04) Fagus