

## Orion W Sub Trap - Stand Alone

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.

### Features

Type:

Tuneable Pistonic Diaphragmatic Absorber

Recommended for:

Studios | Recording rooms

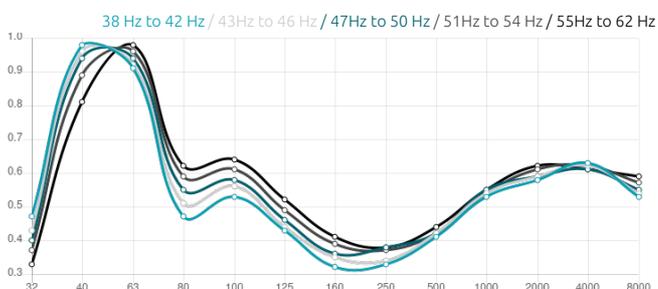
Tuneable absorption range: 40 to 60 Hz

.Hz-by-Hz peak absorption tuning.

.Triple Pressure acoustic core + Velocity core

.High Efficiency Bass Trap

### Performance



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.

Issues under 60Hz are common, and can be tricky to solve. Usually structural alterations - such as lowering ceilings, or dedicating huge portions of the room to bass trapping are required.

Here enters the Sub Trap, Artnovion's technology gives you the chance to keep your studio as it is - and tune it to exactly what you need - with a panel that attenuate room modes from as low as 40Hz.

The panel takes a new approach on absorption, using a new membrane technology akin to a speaker cone, suspended a calibrated mass on an elastic surround - allowing for a much superior - and controlled - performance. A further feature is the possibility to precisely tune the membrane to resonate at your desired frequency by simply adding or removing mass from the membrane.

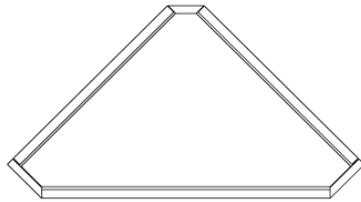
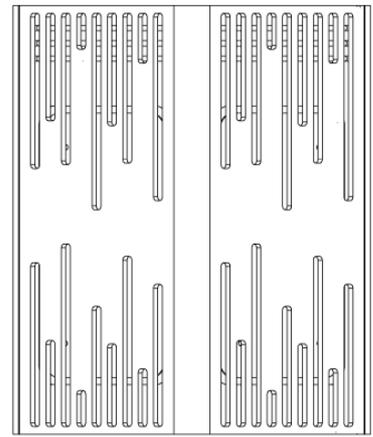
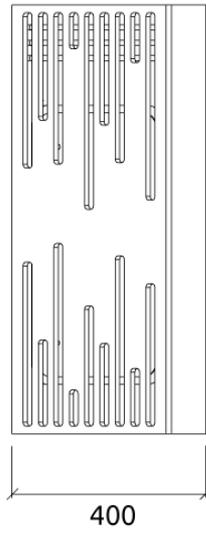
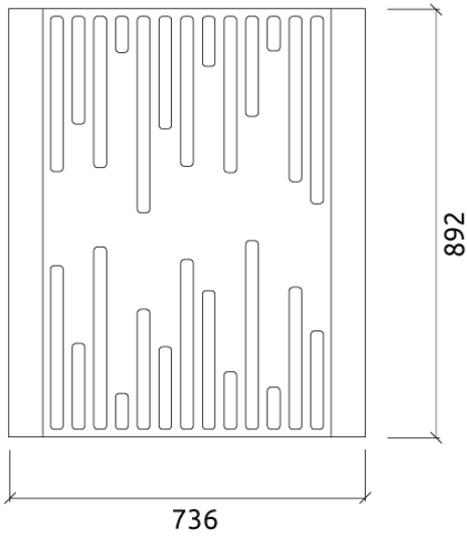
The design of these acoustic cores creates a trap with unprecedented performance and unique calibration - Absorbing more, and starting at a lower frequency, than anything else on the market. And that isn't all - the Sub Trap has 3 of them.

The Sub Trap can either be installed in corners, or feature as a stand-alone unit. The exterior of this colossal panel is clad in exquisite hand-crafted wooden or Fabric grills, available in select finishes.

For more information on TPDA technology, check out our white paper below.

Dimensions:

736x892x400mm



## Add-ons

## Installation:

Stand Alone

### Dimensions

FG - NW | 736x892x400mm

FG - LW | 736x892x400mm

### Weight

37.0 Kg

37.0 Kg

### Box

Quantity per box: 1

Dimensions: 600x600x960mm

Volume: 0.346m<sup>3</sup>

Weight: Kg

## Orion W Sub Trap - Stand Alone

### (FG - LW) Lacquered Wood Finishes



**FG | (L06) Noir Vintage**

Retail code:  
7212912601710411



**FG | (L10) Bronze**

Retail code:  
7212912601730511



**FG | (L20) Grey Aluminium**

Retail code:  
7212912601751111



**FG | (L21) Gloss White**

Retail code:  
7212912601751211



**FG | (L22) Jet Black**

Retail code:  
7212912601751311



**FG | Custom RAL**

Retail code:  
7212912601700011



**FG | (L24) Ruby Red**

Retail code:  
7212912601712411

### (FG - NW) Natural Wood Finishes



**FG | (W08) Wenge Natura**

Retail code:  
7202912601740811



**FG | (W09) Black Walnut  
Natura**

Retail code:  
7202912601740911



**FG | (W11) Okoumé Natura**

Retail code:  
7202912601741111



**FG | (W12) Ash Natura**

Retail code:  
7202912601741211



**FG | (W13) Oak Natura**

Retail code:  
7202912601741311



**FG | (W17) Black Ash**

Retail code:  
7202912601711711