

### Orion W - Bass Trap - Corner

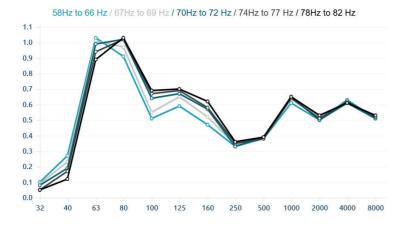
Tuneable Pistonic Diaphragmatic Absorber

New fine-tuning possibilities.

The Corner bass trap is the latest in low frequency absorption. This elegant panel integrates a tuneable membrane over a sealed volume, containing a high performance acoustic core. A secondary compartment positions Helmholtz resonators in the high pressure zone of the room. The panel is completely tuneable, by means of an adjustable weighted membrane, allowing to pin-point the performance of the panel to a target frequency.

The panels' tuneable membrane works in a similar way to a speaker cone, allowing for a much superior - and controlled - performance. A central mass is supported by an elastic membrane - This mass can then be altered to change the resonant frequency of the membrane, stepping the peak performance of the Trap from 58 to 82 Hz.

### Performance



### Feat ures

### Type:

T.P.D.A. - Artnov ion technology Tuneable Pistonic Diaphragmatic Absorber Tuneable absorption range: 58Hz to 82Hz.

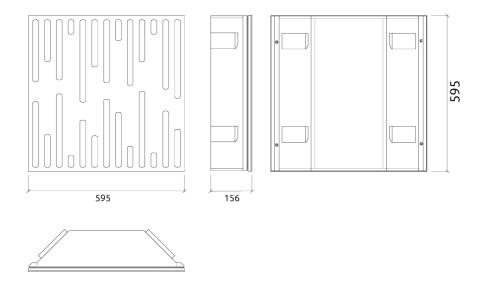
Tuneable weighted Diaphragmatic membrane Hz-by-Hz fine tuning New fine-tuning possibilities.

### Material

- Acoustic fabric | Natural Wood v eneer | Lacquered HMDF
- Marine grade plywood structural frame
- Calibrated cell acoustic foam

This panels can only be installed on vertical wall corners. Not for ceiling use.

### **Technical Information**

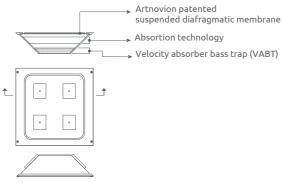


### Dimensions:

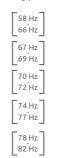
FG - LW | 595x595x156mm FG - NW | 595x595x156mm

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# artnovion



### Fine-tuning possibilities



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Tuneable Pistonic Diaphragmatic

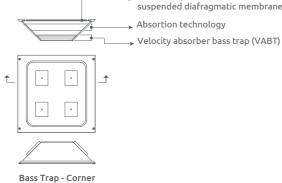
### Purpose

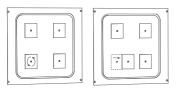
Absorber

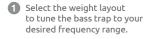
- Room mode control
- Bass ratio control
- Lowfrequency RT reduction
- Improving low frequency response
- Reducing low frequency time decay

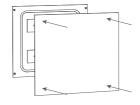
### Recommended for

- Control Room
- Recording Room
- Home Studio
- Broadcast Studio
- Production Room
- Drum Room



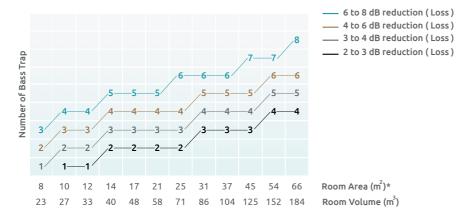






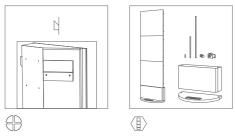
2 Clip the front of the panel in to the bass trap body, leaving easy access to the membrane.

# Corner Bass Trap performance



Ceiling height from 2,7 to 3m

# Fixing System



Integrated fixing system

Kit Mobile Wall



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# Tuneable Pistonic Diaphragmatic Absorber

### Product finishes

### (FG - LW) Lacquered Wood Finishes



(L01) Blanc



(L02) Noir



(L03) Rouge



(LO5) Silv er



(L06) Noir V intage



(L11) Raw White





(L08) Rose Gold



(L09) Classic Gold





(L10) Bronze

Black

(L12) Raw Black

### (FG - NW) Natural Wood Finishes



(W 01) Cerise



(W 02) Marron



(W 03) W enge