

# PORTABLE SHELLS



## DYNAMICFLOW® AcSh®

Based on works and experiments in the field of sound wave diffusion and the positive aspects that result from the presence of diffusers in rooms, we have built this acoustic diffuser.

Therefore, we are presenting new design proposals which are less common in diffusion structures designed for mobile use.

The DYNAMICFLOW® AcSh® is an easy-to-install portable acoustic diffusion shell meant to be used in certain types of musical concerts.

It is a piece that changes the room's acoustics by enhancing its features.

Diffusion shells are acoustic treatment elements used in large volume rooms, such as theatres and auditoriums. They may also be used outdoors for the performance of concerts by large orchestras or just recitals.

The installation of these acoustic diffusion components is meant to project the non-amplified original sound from the stage towards the audience.

This will enable to hear the sound that comes directly from the sound sources and instruments, without the characterization or colouring inherent to the use of electro-acoustics. These shells also enable the stage and the room to be within the same space and not separate in two by the mouth of the stage. These pieces do not need any preparation prior to their installation, just a free stage with good access.

They must be coupled and multiplied in such a way that is adequate to each project in order to obtain a diffusing area that is proportionate to the space in question.

## MAIN FEATURES

Depending on the space available on the stage, more or less elements may be used in order to form the shape of a perfect shell.

Built on a modular configuration with 120 x 120cm pieces, up to four modules can be coupled in height, thus totalling a diffusing homogeneous surface of 480 x 120cm.

Its scattering features improve with the application of more modules. The DYNAMICFLOW® AcSh® is a large-sized diffuser that provides a very homogeneous diffusion within the sound and diffuse spectrum.

## Diffusion with scattering effect:

It emphasizes the sound diffusion at a wider covering angle, effective at a shorter incidence distance.

**Features:** efficient at a shorter distance; less sound level; wider incidence angle.

## Mounted Models

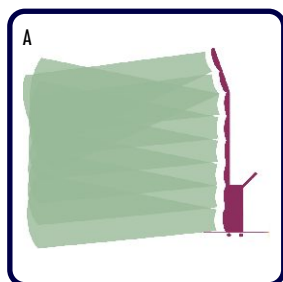
	H	W	D	Kg
DYNAS3	3.8m	1.20m	0.78m	55
DYNAS4	5.0m	1.20m	0.78m	70

## Models in the Flight-case

	H	W	D	Kg
DYNAS3	1.64m	1.24m	0.78m	65
DYNAS4	1.64m	1.24m	0.78m	80

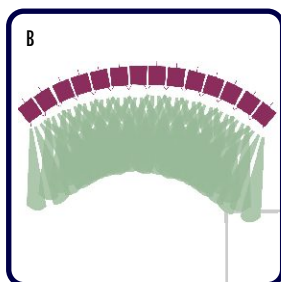
## SCATTERING EFFECTS

SIDE VIEW



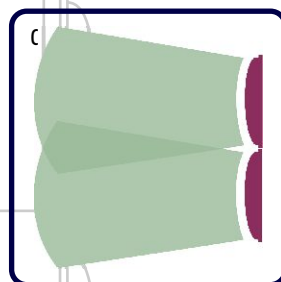
A - Vertical diffusion with scattering effect.

TOP VIEW



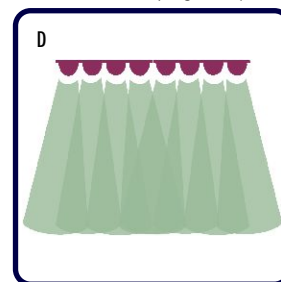
B - Horizontal diffusion with scattering effect.

SIDE VIEW (single unit)



C - Vertical diffusion with scattering effect.

TOP VIEW (single unit)



D - Horizontal diffusion with scattering effect.

## AVAILABLE COLOURS



OPAL



YELLOW



ORANGE



RED



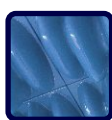
GREEN



LILAC



PURPLE



BLUE



BROWN



GREY