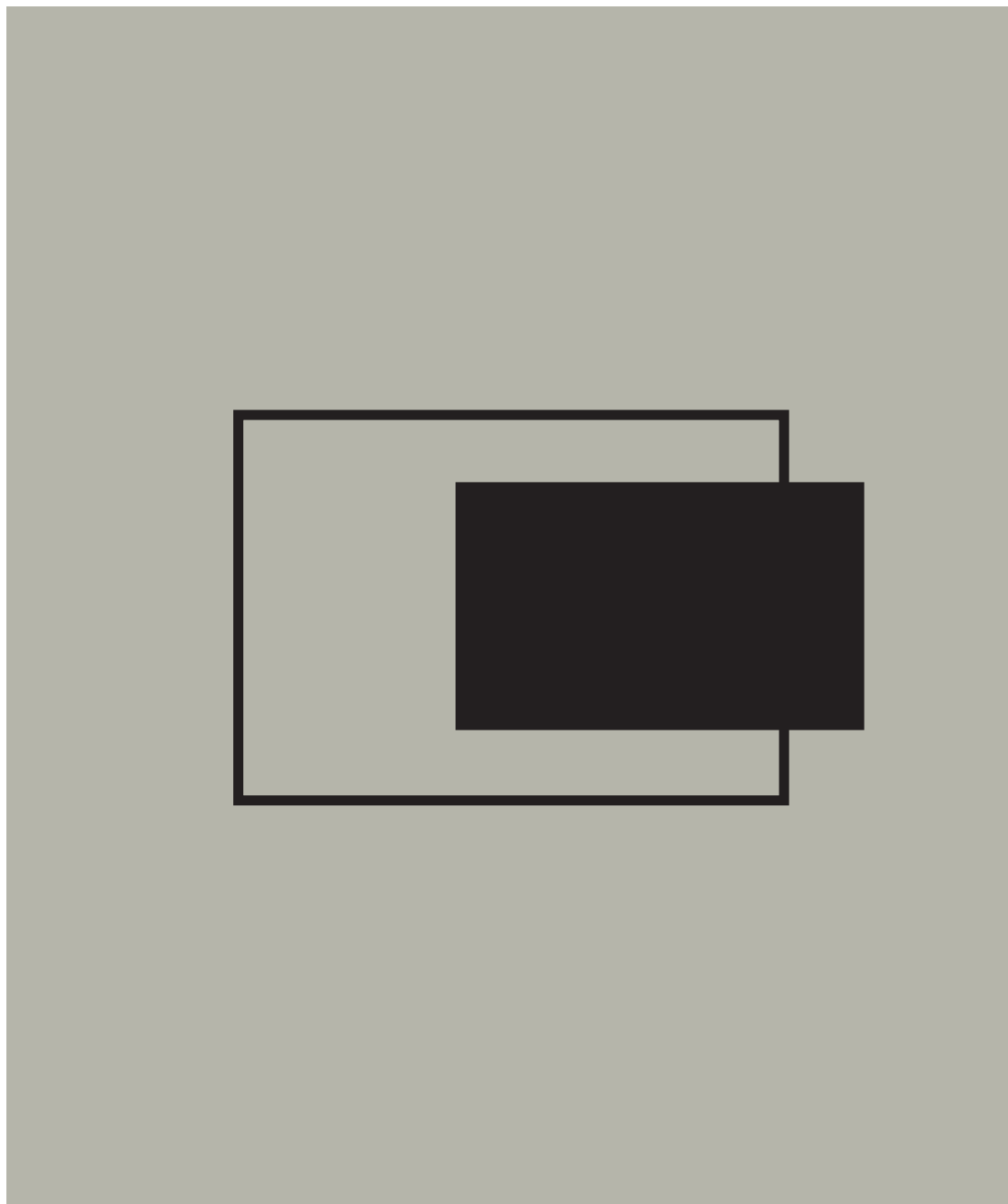


SOUND & VISION



Acoustic Panel For Monitor Integration



Product Sheet // 2020

AKUART

Sound & Vision



PRODUCT DESCRIPTION

Sound & Vision is a potent and fully customizable wall absorber that allows for easy monitor integration thus killing two birds with one stone using the same wall space for both acoustic treatment and audio visual equipment. This solution is particularly tailored for meeting rooms with a majority of glass walls or meeting rooms with sparse wall space for placing sound absorbers. It shares the same superior acoustic characteristics and complete freedom to make your own designs as the rest of the AKUART collection. It is as flexible as it is functional and stands out by its replaceable printed canvas.

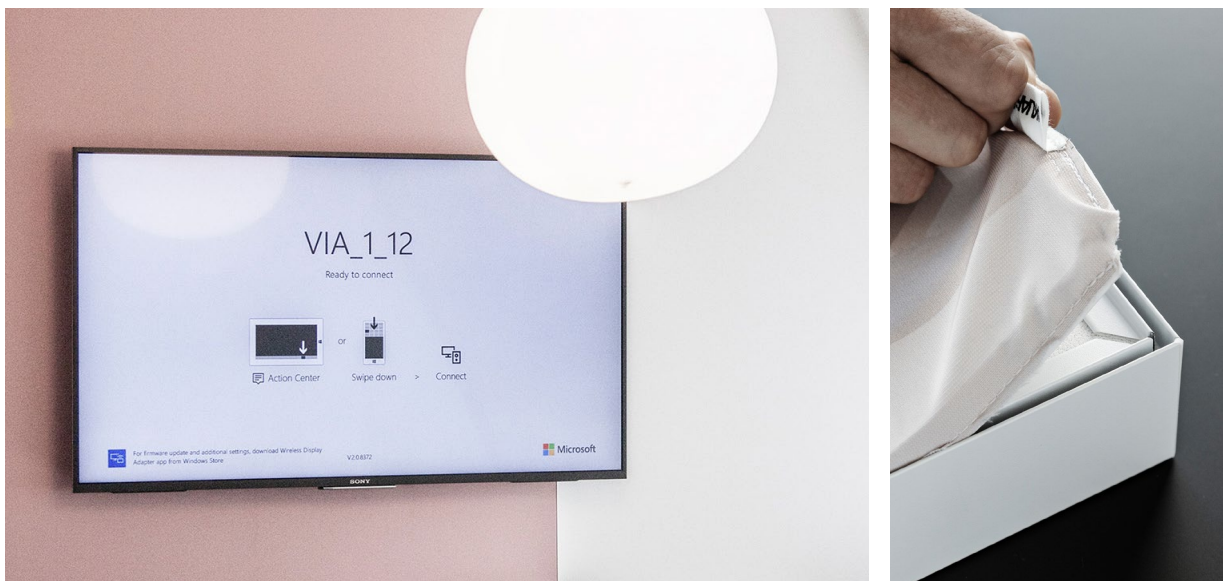
SPECIFICATIONS

Product:	Wall absorber for monitor integration with a replaceable printed canvas
Acoustic material:	40 mm / 1,57" glass wool absorber
Frame:	Matte fine structure powder coated aluminum
Textile cover:	Printed polyester based textile
Corners:	Discrete ABS plastic corner inserts
Weight:	5,6 kg per m ² / 1,15 lbs per sq ft

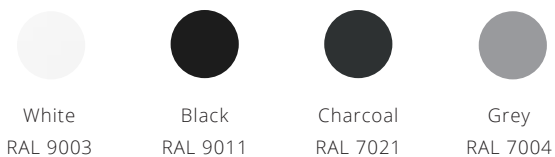
SPECIAL FEATURES

Canvas: The stretched printed fabric can easily be removed and changed without having to disassemble or remove the frame from the wall. The fabric is form-stable and ensures that it does not wrinkle or fold when mounted on the frame. This applies throughout the product life cycle. The fabric is not sensitive to cold, heat or moisture. The canvas endures disinfection with anti bacterial and alcohol/chlorine based cleaning products without affecting the print. It also endures repeated machine wash.

Corner Inserts: Discrete ABS plastic inserts in the corners ensure that the aluminum frame profiles are assembled without exposed and sharp edges.



FRAME COLORS / FINISHES



CUSTOM FRAME COLORS



Frames in custom RAL or NCS colors can be ordered with different structures. Price and finish on request.

SIZES

Sound & Vision offers format flexibility:

Min. height: 20 cm / 7,87" - Max. height: 300 cm / 118,11"

Min. length: 20 cm / 7,87" - Max. length: No limitations (Frame profiles can be infinitely extended in length with connector fittings)

CANVAS

Function:	Replaceable/Detachable
Fire retardant:	Classification B-s1 according to DIN EN 13501-1.
Environment:	Tested free from harmful substances according to Eco-Tex 100

PRINT

Ink type:	Water-based ink
Printing method:	Dye sublimation print (fully embedded in canvas fabric)
Environment:	Tested free from harmful substances according to Eco-Tex 100

ACOUSTIC MATERIAL

Absorption:	Test results according to ISO 354. Classification according to ISO 11654
Flammability:	Classification A2-s1,d0 according to DIN EN 13501-1
Environment:	M1 Emission Classification of Building Materials, CE label, A+

PRODUCT CARE

Cleaning:	Sound & Vision is easy to clean. It can withstand daily dusting, vacuuming and wiping with a semi wet cloth with the use of universal cleaning products.
Disinfectable:	The canvas is easy to disinfect. It endures the use of anti bacterial spray or anti bacterial wipes and alcohol chlorine based cleaning products without affecting the print.
Washable:	The canvas tolerates machine wash repeatedly.

SOUND ABSORPTION TEST

The acoustic efficiency is tested by third party acoustic engineers in a sound engineering laboratory at the Technical University of Denmark. This means that architects, building consultants and designers can count 100% on the acoustic characteristics of the wall panel.

ACOUSTIC FUNCTIONALITY

Measurements performed according to ISO 354.

Sound absorption class: A
Absorption coefficient (α_w): 0.95
NRC: 0.9

Freq. [Hz]	Absorption coefficient		
	1/3-oct.	1/1-oct.	ref.-curve
100	0.29	0.35	
125	0.28		
160	0.44		
200	0.50	0.65	0.75
250	0.71		
315	0.82		
400	0.90	0.95	0.95
500	1.00		
630	1.01		
800	0.96	1.00	0.95
1000	1.00		
1250	1.01		
1600	1.02	1.00	0.95
2000	1.03		
2500	1.06		
3150	1.06	1.00	0.85
4000	1.05		
5000	1.02		

