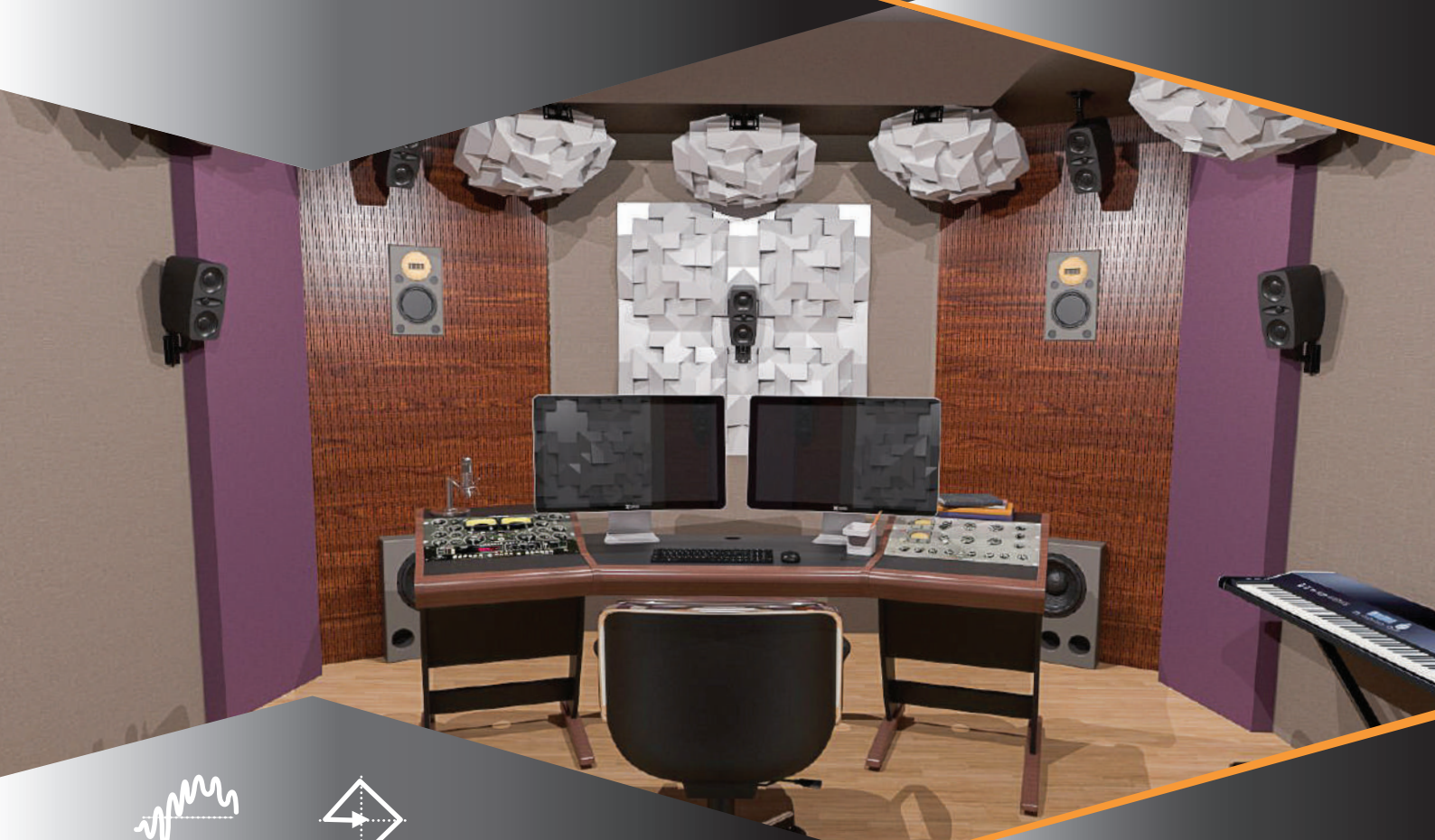




SoundSpace Pro by JOCADI™



Comb
Filter



First
Reflections



74db
Insulation



0,20s
RT60



Frequency
Balance



Room
modes

Premium Modular Rooms
Box-in-a-box Construction
Specially Conceived for Dolby Atmos

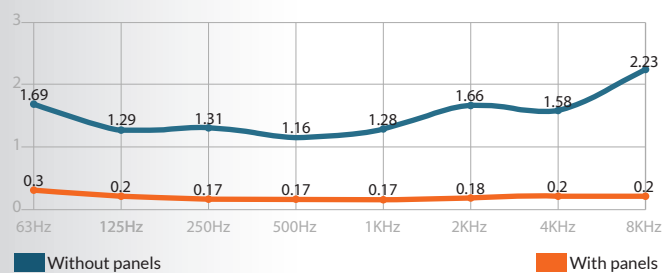


FEATURES:

- Customised sizes, we make the room adapted to your space
- Made by innovative PVC+GRP profile + BOVINE skin AGGLOMERATE
- Soundproofing (SP boards): 46db reinforcement
- Soundproofing (SP boards + Insulation): 74db reinforcement
- Reverberation Time (RT60): 0.20 sec
- For the construction of permanent or removable rooms
- Quick and practical assembly
- Construction time: 6 days

JAS room simulation

Width:	4.00m (157,48in)
Length:	4.80m (188,98in)
Height:	2.50m (98,43in)
Area:	74.98m ² (807 sqft)
Volume:	43.70m ³ (470 sqft)



87% | **0.20s**

calculated
RT reduction

calculated
RT average

89dB

SPL noise reduction
from 90dB at 2m.

74dB

SPL noise reduction
from 90dB at 2m.

15%

Excellent RT balance
time/frequency





Table of Contents	
SOUNDPROOFING	
ARG080 - anti-vibratic insulation	33
Stillness III - mass insulation	20
NCF - Anti-vibratic Floor 80mm	20
Floatsheet INS - decoupling layer tape	4
Isoraft - decoupling spyke	112
ROOM WALLS	
SP prefabricated Acoustic Boards	16
ROOM CEILING	
SP prefabricated Acoustic Boards	8
ACOUSTIC TREATMENT	
CerATMOS W	8
CerATMOS	12
Mellowalltrap 180	2
Basslayer 120	12

Main Traits

Introducing **SOUNDSPACE PRO**: Cutting-edge prefabricated modular rooms that redefine isolation and acoustics. Built with precision, our rooms display walls and ceilings tailored to perfection finishings, offering unparalleled soundproofing. Seamlessly assembled within hours, **SOUNDSPACE PRO** Rooms personify efficiency and high quality.

The walls and ceilings modules are designed using a highly resistant and light innovative profile. Overall, our PVC+GRP profile construction method presents a pioneering solution in the manufacture of acoustic boards to be used as permanent or temporary enclosed spaces. These **SOUNDSPACE PRO** acoustic modular planks provide a solution for soundproofing

constructing box-in-a-box rooms with remarkable speed, as well as the added advantage of future dismantling possibility. This innovative construction method offers immense practicality and cost-effectiveness, reducing assembly time and labor costs. This exceptional combination of flexibility and quick and easy assembly is particularly valuable in scenarios where adaptability is crucial. These acoustic boards can be customized according to each specific project or space, enabling precise interconnection during installation and adaptability to different room types. They are supplied fully decorated and finished with different types of wood and fabric colors.

JOCAVI SOUNDSPACE PRO Rooms are the perfect solution for building acoustics for immersive audio recording studios where quality is vital. Elevate your spaces effortlessly with **SOUNDSPACE PRO** – where innovation meets prompt assembly for outstanding acoustic excellence.

CONSTRUCTION TIME FRAME



Day 1

Day 2

Acoustics & Surround systems

Dolby Atmos opens a new world of possibilities taking sound and audio to the next level. It grants access to an extensive palette, allowing us to place sound in three dimensions by surrounding the listener to fully capture the artistic vision. Moreover, it allows technicians to deepen previously unheard details in their work.

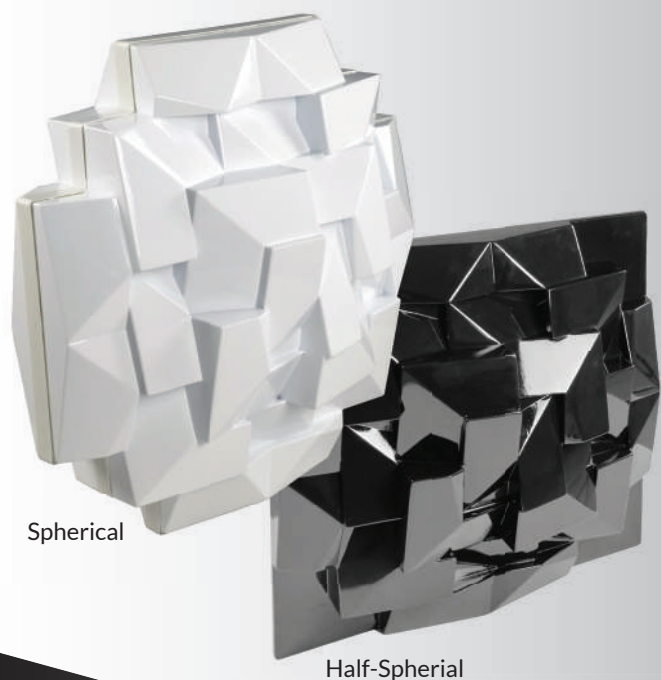
When complemented with overhead speakers, it immerses listeners inside the experience, by widening palettes, thus delivering more precision, space, and freedom to create a mix.

JOCAVI's SOUNDSPACE PRO concept is vastly more balanced and improved to increase the listening ogive, once this new tactic of acoustic

treatment makes the ogive's listening position larger, ideal when there are several people listening in the room. Being a larger sweet spot warhead, it provides more room for more people to listen in good framing conditions using an equidistant or orthogonal speakers' layout.

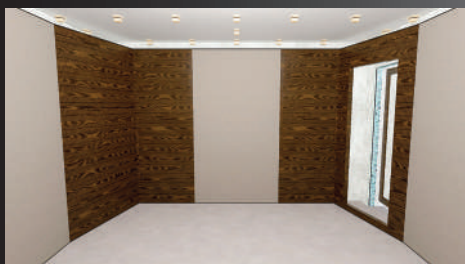
This acoustic treatment approach consists of distributing the acoustic modules evenly spread over all surfaces (walls and ceiling), considering the avoidance of reflections that may occur from the number of additional loudspeakers installed that point the sound energy to locations where no loudspeaker has pointed to before, meaning that the room will have to be treated with a new acoustic concept.

The Absorbent pieces, the diffusers, and the bass traps are alternately applied according to the positioning of the loudspeakers, hence better controlling the modal emphasis.



CerAtmos® Spherical 3D diffuser

The use of spherical diffusers is fundamental to our concept. CerAtmos® is a spherical 3D diffuser specifically developed by Jocavi for this new concept of acoustic rooms, e.g., Dolby Atmos®, mounting these elements on the ceiling as a kind of baffle that prevents the front and rear sound waves from interfering with each other, thereby causing cancellation. The creation of these acoustic concavities enhances the performance of each loudspeaker, contributing to a better perceptibility of each channel.



Day 3



Day 4



Surround / Stereo Control rooms

Control rooms must be properly acoustically prepared, with acoustic insulation that allows the room to be silent to integrate sound sources with multiple loudspeaker systems.

When mounted in conventional stereo control rooms, surround sound sources like Atmos®, may not function adequately or may not reach their maximum potential.

Jocavi has developed this integrated acoustic treatment system specially designed, assuming Dolby Atmos® concepts, ensuring the polarity diagram of sound propagation of each speaker.

The layout we present in this example is meant for the 9.1.6 Orthogonal layout configuration, preferably requiring main speakers at the front

and back (L & R) held as our standard reference designs.

This setup can serve both the equidistant and orthogonal layouts and have accurate mixing environments within Dolby's recommended acoustic criteria to ensure an accurate mix environment for Dolby Atmos. The option between both is largely based on room space and shape, the uses of a room, preferred mix position, and other small details.

It is hard enough to get Studio acoustics right in stereo, and Atmos involves some additional complications.

The basic requirements for any mix room are a properly acoustically treated room, a good appropriately positioned loudspeakers' system, and the means to have a good feed signal from those loudspeakers and control their parameters.

Studio (stereo) control rooms that are upgraded with Atmos systems must receive an acoustic upgrade as well, allowing you to enhance the fine properties of your forefront-of-technology immersive system.

Probably an obvious question arises: it is practical to adapt an existing stereo control room for Atmos mixing, or is it preferable to build a new room from scratch?

We can assure you that a room treated for Dolby Atmos® will best serve a conventional (stereo) system, whereas a room treated for stereo doesn't serve a Dolby Atmos® System that well.

This way if you're currently planning on building a new Control Room, it's a great opportunity to consider making it an Atmos Room. If you're not, don't worry, you can always upgrade your existing room.

Those who experience this concept cannot resist the overwhelming praise, notably acknowledged in 2014 when Jocavi Acoustic Panels brand was chosen by Dolby's acoustic designer to supply acoustic treatment for the rooms where the Atmos® system was being developed at Dolby Studios headquarters in San Francisco.



Day 5

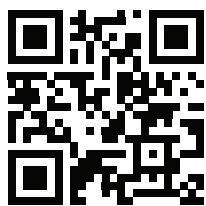


Day 6



Disclaimer: The speakers shown in the images are from brands Augspurger, IK Multimedia and Zaor furniture are merely an example, any other brands can be used. Augspurger, IK Multimedia and Zaor trademarks are the property of their respective owners. The references we make to Dolby and Atmos are merely references. Dolby and the double-D symbol are registered trademarks of Dolby Laboratories Licensing Corporation.

Request Price



31/
YEARS



 **SP** by **JOCAVI**™

JOCAVI International
Av. Pedro Álvares, Sintra-Estoril V
Armazém B18
2710-297 Sintra-Portugal
Tel: (+351) 21 924 30 97
Email: info@jocavi.net
www.jocavi.net



JOCAVI USA Corporation
146-B Ferry Street, Unit 196
07105 Newark, NJ, US
Tel: +1 (973) 536 18 32
Tel: +1 (917) 294 34 11
Email: info@jocaviusa.com
www.jocaviusa.com