



JOCavi Acoustic panels
www.jocavi.net

STAITREAT KIT BOX

The Sobriety in Acoustics

HI-FI ROOMS
HOME STUDIOS
INSTRUMENTS ROOMS
HOME THEATRES
LISTENING ROOMS
HOME CINEMAS



JOCAVI KIT BOX®01

Staidtreat System



STAITREAT BOX SYSTEM 01

Rooms from
13 to 17 m²



FEATURES:

The JOCAVI® KIT BOX 01 has been created for small-sized home-cinema rooms, home-studios and rehearsal rooms.

The acoustic treatment modules must also be placed in relation to the listener and the speakers, while minimizing the SBIR (speaker-boundary interference response) and the modal emphasis to produce a frequency response as flat as possible in the room. Give your ears an opportunity and see how the performance of your sound system improves.

All packs are supplied with assembly instructions, as well as the glues and tools which are necessary to apply the acoustic modules.

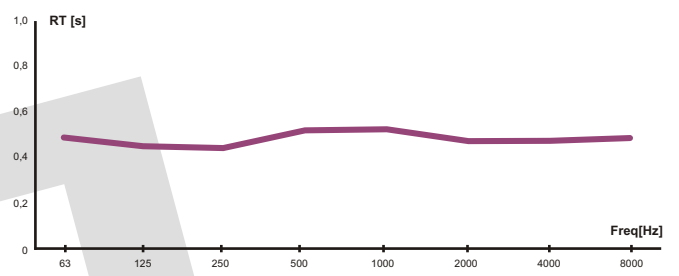
WHERE TO APPLY :

Rooms with an area between: 13 and 17 square meters.

Rooms with volumes between: 35 and 45 cubic meters.

For use in small-sized home-theatre rooms, home-studios, Hi-fi rooms or instrument rooms.

GRAPHIC:



63 Hz	125 Hz	250 Hz	500 Hz	1 K	2 K	4 K	8 K
0.48	0.44	0.43	0.52	0.53	0.47	0.47	0.49

Sabine: 0.48 sec

IMAGES:



ACOUSTIC FEATURES:

These values were obtained by simulation in specific JAS® software and later confirmed through acoustic analyses in the rooms. The simulated rooms were tested with all the materials and equipments shown in the images, and the mentioned JOCAVI®KIT BOX 01 acoustic panels.

Traditional construction room with the following features:
Dimensions: (L,W,H): 4.31m / 3.58m / 2.80m.
Walls: masonry with painted fine stuff and a wooden door.
Ceiling: 12 mm - thick plaster.
Floor: natural floating parquet.

KIT BOX 01 QUANTITIES:

Reference	Panels	Units	Absorbent	Tuned
BXA060	Staidtreat®BXA	12	—	✓
BXW060	Staidtreat®BXW	9	—	✓
WBA060	Staidtreat®WBA	12	✓	—

JOCAVI KIT BOX®02

Staidtreat System



STAITREAT BOX SYSTEM 02

Rooms from
17 to 24 m²



FEATURES:

The JOCAVI® KIT BOX 02 has been created for small-sized home-cinema rooms, home-studios and rehearsal rooms.

The JOCAVI® KIT BOX 02 approach consists in adjusting the room dimensions to sizes which are slightly bigger than those of JOCAVI® KIT BOX 01. The acoustic treatment modules must also be placed in relation to the listener and the speakers, while minimizing the SBIR (speaker-boundary interference response) and the modal emphasis to produce a frequency response as flat as possible in the room. Give your ears an opportunity and see how the performance of your sound system improves.

All packs are supplied with assembly instructions, as well as the glues and tools which are necessary to apply the acoustic modules.

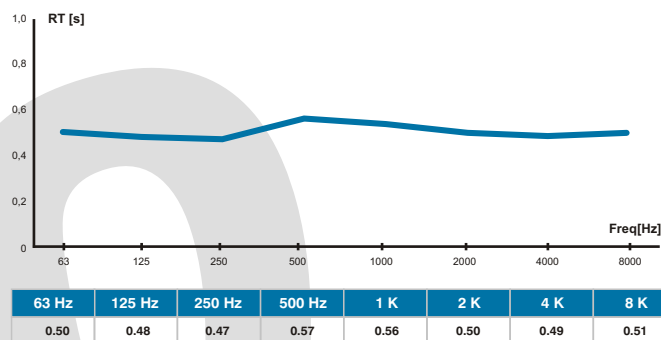
WHERE TO APPLY :

Rooms with an area between: 17 and 24 square meters.

Rooms with volumes between: 45 and 58 cubic meters.

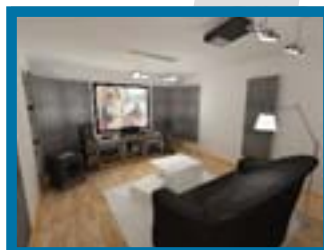
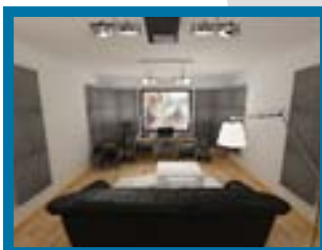
For use in small-sized home-theatre rooms, home-studios, Hi-fi rooms or instrument rooms.

GRAPHIC:



Sabine: 0.51 sec

IMAGES:



ACOUSTIC FEATURES:

These values were obtained by simulation in specific JAS® software and later confirmed through acoustic analyses in the rooms. The simulated rooms were tested with all the materials and equipments shown in the images, and the mentioned JOCAVI®KIT BOX 02 acoustic panels.

Traditional construction room with the following features:

Dimensions: (L,W,H): 5,82m / 4.00m / 2.50m.

Walls: masonry with painted fine stuff and a wooden door.

Ceiling: 12 mm - thick plaster.

Floor: natural floating parquet.

KIT BOX 02 QUANTITIES:

Reference	Panels	Units	Absorbent	Tuned
BXA060	Staidtreat®BXA	12	—	✓
BXW060	Staidtreat®BXW	12	—	✓
WBA060	Staidtreat®WBA	18	✓	—

STAIDTREAT® SYSTEM

The STAIDTREAT® is an innovative modular system designed to aesthetically conceal the acoustic treatment in its room and make it imperceptible. The STAIDTREAT® consists of three different models with very different acoustic features, namely: STAIDTREAT® BXA, BXW and WBA.

The different specificities of each model provide as a whole an outstanding acoustic balance. Thus, the resulting aesthetic look is a light, sober and very pleasant design.

The finishing plate is similar for the three options and conceals the remaining engineering portion of each model. This pressed mineral granulate plate also combines the absorption and unidirectional micro-diffusion features.

This range of panels is particularly meant for small and medium-sized rooms, ranging from studios to conference rooms and small auditoriums.

STAIDTREAT® MODELS



BXA®

The STAIDTREAT®BXA is a low-frequency absorbent panel. It is tuned to 63 Hz and is meant to be placed in 90° corners. The principle used to develop the STAIDTREAT®BXA is exclusive to JOCAVI®. It combines an ABS box, which has two appropriately enhanced closed resonance chambers inside, with mass and density components. These components have been specifically developed for this model. Therefore, because of its careful development, this panel has become one of the best offers in the market for low-frequency absorbent materials.

In order to boost bass absorption, we recommend that this panel is used together with the STAIDTREAT®BXW, as the latter functions close to the harmonics of this model.

Features:

- Tuned to 63Hz.
- Average absorption: 0.86 [>50 Hz; <250 KHz].
- Made of recyclable materials.
- Plate of pressed mineral granulate.
- Fire-resistance: M1.
- Application on ceiling and wall corners
- Package: 2 units.
- Installation: accessories included.
- Available in 5 colours.



BXW®

The STAIDTREAT®BXW is a low-frequency absorbent panel. It is tuned to 125 Hz and is meant to be placed on walls or normal or T-type ceilings. It works when tuned to 125 Hz, in the first harmonic of the STAIDTREAT®BXA, thus exponentially boosting the absorption of basses when both panels are used together.

This tuned panel uses an open resonance chamber, which is combined with a membrane that was developed and calibrated to enhance its performance.

The visible outer plate is made of a porous and permeable mineral granulate which is highly absorbent in the medium and high frequencies, thus further widening the absorption range of this panel.

Features:

- Tuned to 125Hz.
- Average absorption: 0.83 [>50 Hz; <250 KHz].
- Made of recyclable materials.
- Plate of pressed mineral granulate.
- Fire-resistance: M1.
- Application on ceilings and walls.
- Package: 4 units.
- Installation: accessories included.
- Available in 5 colours.



WBA®

The STAIDTREAT®WBA is a medium-frequency absorbent panel which is meant to be placed on walls or normal or T-type ceilings.

This absorbent panel has been developed by combining an adequately shaped high-density polyurethane foam box with a filling composed of a material that was exclusively manufactured for this panel in order to increase its sound absorption coefficient.

The outer finishing plate is made of a porous and permeable pressed mineral granulate, which is highly absorbent in the medium and high frequencies, thus making this panel very balanced as regards absorption/frequency.

Features:

- NRC : 0.66.
- Made of recycled materials.
- Plate of pressed granulated minerals.
- Fire-resistance: M1.
- Walls and T-ceilings ready applications.
- Package: 4 units.
- Installation: accessories included.
- Available in 5 colours.

THE SAME FINISHINGS, DIFFERENT ACOUSTIC PERFORMANCES

JOCAVI®

Portuguese company specialised in developing and manufacturing acoustic treatment panels for the professional audio industry.

We always look for originality, technological innovation, durability, cost and promptness to present our products. We have therefore generated a vast organisational wealth because we share Quality with those who are quality-oriented.

The use of acoustic products in working environments, by taking into account the needs and the modern corporate images, is our passion.

JOCAVI® has a varied and thorough offer of high quality products available, which enable a wide range of applications.

Our range of products offers the designer a large variety of solutions. Several types of absorption and diffusion panels deliver an excellent performance in the diverse areas of application.



www.jocavi.net

Centro Empresarial Lusoworld, Edf. 22 | Linhó | 2710 - 335 Sintra | Portugal | +351 21 9243097
www.jocavi.net | mail: info@jocavi.net