STAIDTREAT KIT BOX
The Sobriety in Acoustics

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

The STARDREAT® is an innovative modular system designed to aesthetically conceal the acoustic treatment in the room in a very sober manner. The finishing plate made of pressed mineral wool is similar for the three models. As the engineering portion of each model, the STARDREAT® consists of three different models with very different acoustic absorption curves and performance. The semi-transparent mineral granulate plate also combines the absorption and directional micro-diffusion features. The different specificities of each model are well combined to fit the room’s requirements. This range of panels is particularly meant for small and medium-sized rooms that require an outstanding acoustic balance. The KITBOX™ has been created for home-theatres, studios, conference halls and auditoriums providing them with a very pleasant atmosphere.

The JOCAVI® KITBOX 01 has been created for small-sized home-theatres rooms, home-studios and rehearsal rooms measuring between 13 and 17 square metres. The acoustic treatment modules must also be placed in relation to the listener and the speakers, while minimizing the SBR (speaker-boundary interference resonance) and the modal effects to produce a frequency response as flat as possible in the room. Give your ears an opportunity to 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 install the acoustic modules.

WHERE TO APPLY:

Rooms with an area between: 13 and 17 square meters.
Rooms with volumes between: 35 and 65 cubic meters.

Features in small-sized home-theatres rooms, home-studios, H-R rooms or instrument rooms.

FEATURES

- 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 dimensions: (L,W,H): 4.31m / 3.58m / 2.80m.
- Walls: masonry with painted lime plaster and a wooden door.
- Ceiling: 12 mm - thick plaster.
- Floor: natural floating parquet.

STANDARD MINERAL GRANULATED COLOURS

BLACK  MAROON  BROWN  RED  BLUE  GREY

IMPORTANT NOTICES

- JOCAVI® accepts no responsibility for any printing errors. Specifications can be modified without prior notice. If technical or commercial reasons so require.
- The colours shown on this catalogue are only a reference and an illustration of the products finishing. The colours shown are not binding because brightness, contrast and colour balance may vary due to the printing process.
- Colours may vary due to raw materials supplier changes and some differences may occur in final range.
- Optical Yellow Comfort Standards state a temperature range of 20°C – 24°C (68°F – 75°F) and a relative humidity of less than 58%. These would be considered as normal operational levels of JOCAVI® products range.
- Colours may vary slightly due to their production method and some inherent raw-materials characteristics.
**DESCRIPTION**

The STADTREIA® is an innovative modular system designed to aesthetically conceal the acoustic treatment in its room in a very sober manner. As the engineering portion of each module, the **STADTREIA®** consists of these different models with very different acoustic absorption curves and performance. The semi-transparent mineral granulate plate also combines the absorption and unidirectional micro-diffusion functions. The different specifications of each model are well combined to fit the rooms requirements. This range of panels is particularly suited for small and medium-sized rooms that require an outstanding acoustic balance. The KITBOX set has been created for home-cinemas, studios, conference halls and auditories providing them with a very pleasant atmosphere.

The JOCAVI® KITBOX 02 has been created for small-sized home-cinemas rooms, home-studios and theatrical rooms measuring between 17 and 24 square metres. The JOCAVI® KITBOX 02 approach consists in adjusting the room dimensions to sizes which are slightly bigger than those of the JOCAVI® KITBOX 01. The acoustic treatment modules must also be placed in relation to the listener and the speakers, while minimizing the SIRS (speaker boundary interference response) and the modul emissio to produce a frequency response as flat as possible in the room. Give your ears an opportunity to see how the performance of your sound system improves. All packs are supplied with assembly instructions, as well as the glass and tools which are necessary to install 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 and medium-sized home-theatre rooms, home-studios, TV-rooms or instrument rooms.

**FEATURES**

- 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®/KITBOX 02 acoustic panels.
- Traditional construction room with dimensions (L,W,H): 5.82m / 4.00m / 2.90m.
- Walls: masonry with painted fine staff and a wooden door.
- Ceiling: 12mm thick plaster.
- Floor: natural floating parquet.

**STANDARD MINERAL GRANULATED COLOURS**

- **BLACK**
- **MAROON**
- **BROWN**
- **RED**
- **BLUE**
- **GREY**

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- Colours may vary due to raw material supplier's changes and some differences may occur in final range.
- Typical Indoor Comfort Standards state a temperature range of 19ºC – 21ºC (66ºF – 70ºF), and a relative humidity of less than 50%. These would be considered as normal operational levels of JOCAVI® products' range.
- Sizes may vary slightly due to their production method and some inherent raw materials' characteristics.
**DESCRIPTION**

The JOCAVI® KITBOX 03 has been created for rooms with an area between 20 and 30 square meters, so small or medium-sized rooms such as home-cinema rooms, home-studios and rehearsal rooms. JOCAVI® KITBOX 03 is composed of STAIDTREATH® acoustic modules which consists of three different models with very different acoustic features though with the same appearance, namely: STAIDTREATH® KTB™ as a low-frequency absorbent tuned at 60Hz, the DOM™ as a low-frequency absorbent tuned at 180Hz and the WBA™, which is a broad-band mid-high absorbent.

As a whole, these three different specifics provide an outstanding acoustic balance, thus the resulting aesthetic look is light and very pleasant design. The finishing plate is similar to the three options and conceals the remaining engineering portion of each model. This pressed mineral granulate plate also combines absorption with unidirectional micro-diffusion features. This KIT of panels is the most recommended pack of acoustic panels for those who want an authentic acoustic balance with a sober decoration.

WHERE TO APPLY:
- Rooms with an area between 20 and 30 square meters.
- Rooms with volumes between 54 and 90 cubic meters.
- For use in small-sized home-theater rooms, home-studios, Hi-Fi rooms or instrument rooms.

**FEATURES**

- Values were obtained by simulation in specific JASO 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® KITBOX 03 acoustic panels.
- Traditional construction room with dimensions (L,W,H): 4.90m / 3.00m / 2.80m. Walls: masonry with painted fire proof and a wooden door.
- Ceiling: 12mm - thick plaster.
- Floor: natural floating parquet.

**STANDARD MINERAL GRANULATED COLOURS**

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- GREY

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- Colours may vary due to natural material supplier changes and some differences may occur in final range.
- Typical Noise Comfort Standards state a temperature range of 20°C - 27°C (68°F - 81°F) and a relative humidity of less than 50%. These would be considered as normal operatinal levels of JOCAVI® products range.
- Sizes may vary slightly due to their production method and some inherent raw-materials characteristics.
DESCRIPTION

The JOCAVI® KITBOX 03.A (Active Speakers System) is an innovative modular audio treatment method, which combines high-quality performance speakers. The speakers are placed inside the absorbent boxes of the WBA/Box models. This set of acoustics and public address devices is designed to acoustically conceal the speakers, providing a good sound intelligibility, besides making technology imperceptible to the eye.

This system was essentially planned for 2.1 and 5.1 home-theatre surround systems, but it is also advisable for conference rooms, restaurants and bars, public spaces, and for background music or speech purposes. It is composed by the two-way/in-box speaker mounted inside the acoustic panel and by a self-amplified Subwoofer to be placed on the floor of the room. It has been created for small and medium-sized home-theater rooms. It is a discrete system that combines acoustic treatment and the embedded speakers. The approach consists on adjusting the number of the modules to the room dimensions.

All panels are supplied with assembly instructions, as well as the necessary mounting accessories to apply the acoustic modules.

Surround sound is the idea of engaging a listener in sound, just like a movie theater. Sound is half of the importance of the entertainment experience, and the speaker placement is essential to experiencing the true impact of movies and music.

A 7.1 surround system has seven discrete audio channels, Left, Right, Center, Left Surround, Right Surround, Left and Right Back, and of course, the Subwoofer.

WHERE TO APPLY:

Rooms with an area between 20 and 30 square meters.

Rooms with volumes between 50 and 90 cubic meters.

For use in small and medium-sized home-theatri rooms, home-studios, Hi-FI rooms or instrument rooms.

FEATURES

- Volumes 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® KITBOX 03.A acoustic panels.
- Traditional construction with dimensions (L x W x H): 4.00m x 3.00m x 2.80m.
- Walls: Masonry with painted fine stuff and a wooden door.
- Ceiling: 12mm-thick plaster.
- Floor: natural floating parquet.

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- Typical Indoor Comfort Standards state a temperature range of 22°C - 27°C (72°F - 81°F), and a relative humidity of less than 60%. These would be considered as normal operational levels of JOCAVI® products' range.
- Sizes may vary slightly due to their production method and some inherent raw-materials characteristics.
The STAIT TREAT® is an innovative modular system designed to aesthetically conceal the acoustic treatment in its room and make it imperceptible. The STAIT TREAT® consists of three different models with very different acoustic features, namely: STAIT TREAT® BXA, BXW and WBA.

The different specifications of each model provide a wide range of outstanding acoustic balance. Thus, the resulting aesthetic lock is a light, sober and very pleasant design.

The STAIT TREAT® BXA is a low-frequency absorptive panel. It is tuned to 63 Hz and is meant to be placed in 90° corners. The principle used to develop the STAIT TREAT® BXA is unique to JOCAVI. It combines an ABT box, which has two appropriately enhanced enclosed 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 absorptive materials.

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

Features:
- Tuned to 63 Hz
- Average absorption: 0.65 (> 100 Hz - 2500 Hz)
- Made of recyclable materials
- Plate of pressed metal granulate
- Fire resistance: M1
- Application on ceiling and end corners
- Package: 2 units
- Installation accessories included
- Available in 5 colours

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

The 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 pressed metal granulate which is highly absorbent in the medium and high frequencies, thus further widening the absorption range of the panel.

Features:
- Tuned to 125 Hz
- Average absorption: 0.65 (> 100 Hz - 2500 Hz)
- Made of recyclable materials
- Plate of pressed metal granulate
- Fire resistance: M1
- Application on ceilings and walls
- Package: 4 units
- Installation accessories included
- Available in 5 colours

The STAIT TREAT® WBA is a medium-frequency absorptive panel which is meant to be placed on walls or normal or Trey type ceilings. This absorptive 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 metal granulate which is highly absorbent in the medium and high frequencies, thus making this panel very balanced as regards absorption frequencies.

Features:
- WPC: 650
- Made of recyclable materials
- Made of pressed metal granulate
- Fire resistance: M1
- Installation accessories included
- Available in 5 colours

THE SAME FINISHINGS, DIFFERENT ACOUSTIC PERFORMANCES

PORTUGUESE COMPANY SPECIALISED IN DEVELOPING AND MANUFACTURING ACOUSTIC TREATMENT PANELS FOR THE PROFESSIONAL AUDIO INDUSTRY. WE ALWAYS LOOK FOR ORIGINALITY, TECHNOLOGICAL INNOVATION, DURABILITY, AND COST- EFFECTIVENESS 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 create 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.

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