



59%
Calculated RT
reduction

22%
Good RT balance
time/frequency

KITBOX 01

DESCRIPTION

The STAIDTREAT is an innovative modular system designed to aesthetically conceal any rooms acoustic treatment in a very sober manner. The finishing plate made of pressed mineral sand is similar for the three models. As the engineering portion of each model, the STAIDTREAT consists of three different models with very different acoustic absorption curves and performance. The semi-transparent mineral granulate plate also combines the absorption and unidirectional 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 set has been created for home-cinemas, studios, conference halls and auditoriums providing them with a very pleasant atmosphere.

Contact us for more information.



First Reflections



Reverberation times



Room modes



Comb filter effect



Boundary Interference



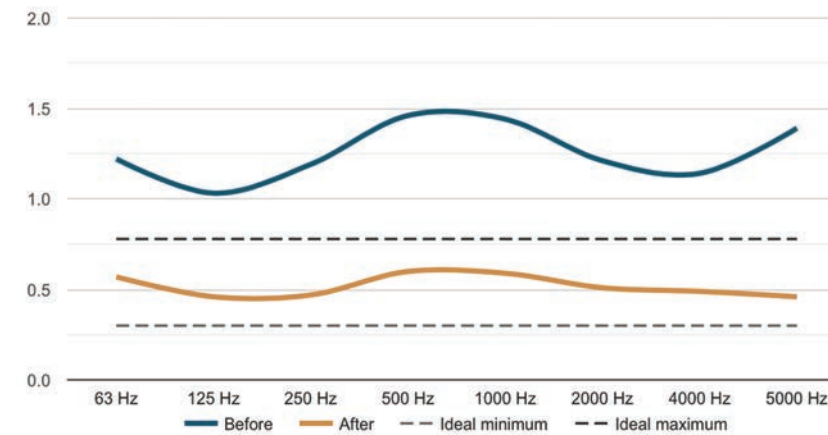
Acoustic Balance

FEATURES

- For rooms with an area between: 13m² and 17m² (139.93 ft² and 182.99 ft²)
- For rooms with volumes between: 35m³ and 45m³ (1236 ft³ and 1589 ft³)
- For use in small-sized home-theatre rooms, home-studios, Hi-fi rooms or instrument rooms
- Values were obtained by simulation in specific JAS software and later confirmed through acoustic analyses in the rooms
- The simulated and tested rooms are totally empty, and only the referred KITBOX 01 acoustic panels
- Traditional room with dimensions (L,W,H): 4.31m/3.58m/2.80m (169.7"/140.9"/110.2")
- Walls: masonry with painted fine stuff and a wooden door
- Ceiling: 12mm (0.5") - thick plaster
- Floor: natural floating parquet



JAS ACOUSTIC REPORT



1.26s
before treatment
RT average

0.52s
after treatment
RT average

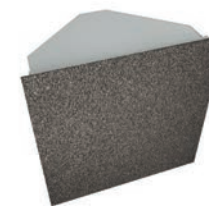
86dB
before SPL noise
reduction from 90dB

78dB
after SPL noise
reduction from 90dB

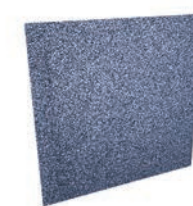
59%
calculated
RT reduction

22%
Excellent RT balance
time/frequency

USED PRODUCTS



12 x STAIDTREAT BXA
BASSTRAP



9 x STAIDTREAT BXW
BASSTRAP



12 x STAIDTREAT WBA
ABSORBENT PANEL

PACKAGING

PRODUCT	SIZE	UNITS	BOXES	BOX SIZE	BOX WEIGHT	ABSORBER	DIFFUSOR	TUNED AB.
JOCAVI STAIDTREAT BXA	60x60x30cm (23.6" x 23.6" x 11.8")	12	6	65x65x35cm (25.6" x 25.6" x 13.8")	12kg (26lbs 8oz)			✓
JOCAVI STAIDTREAT BXW	60x60x8cm (23.6" x 23.6" x 3.1")	9	3	65x65x35cm (25.6" x 25.6" x 13.8")	17kg (37lbs 0oz)			✓
JOCAVI STAIDTREAT WBA	60x60x8cm (23.6" x 23.6" x 3.1")	12	3	65x65x35cm (25.6" x 25.6" x 13.8")	17kg (37lbs 0oz)	✓		

AVAILABLE FINISHINGS

STAIDTREAT Granulated Material



Black



Marron



Brown



Red

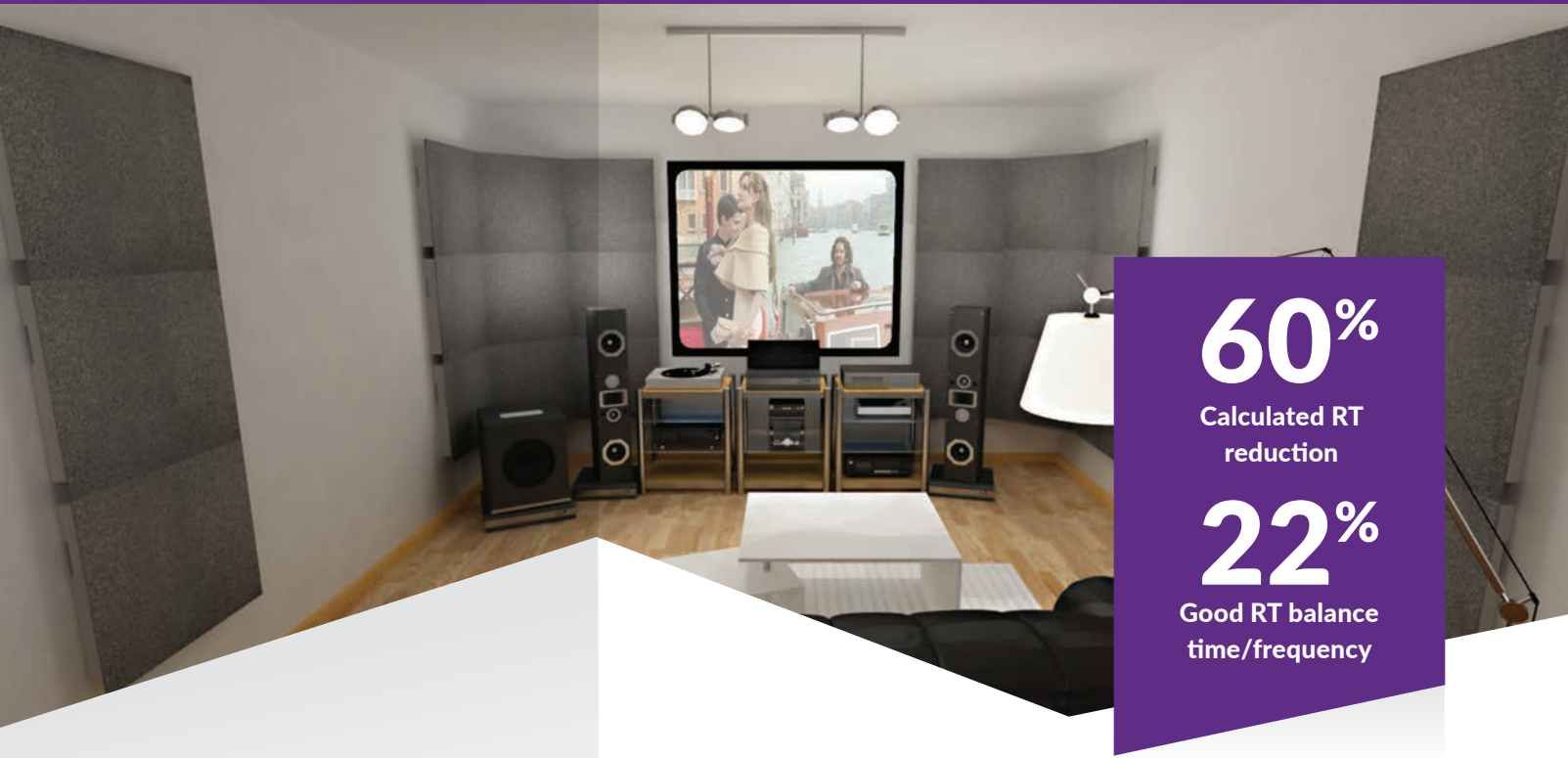


Blue



Grey

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- Colours may vary due to raw-material suppliers' changes and some differences may occur in tonal range.
- Typical Indoor Comfort Standards state a temperature range of 20oC - 27oC (68oF - 81oF), and a relative humidity of less than 60%. These would be considered as normal operational levels of JOCAVI products' range.
- Despite all the standard sizes of all products, this model can be customised upon previous consultation. Sizes may vary slightly (+/-3mm) due to their production method and some inherent raw-materials characteristics.
- Shipping options might affect the availability of included adhesives.



60%
Calculated RT reduction


22%
Good RT balance time/frequency

KITBOX 02


DESCRIPTION

The STAIDTREAT is an innovative modular system designed to aesthetically conceal any room's acoustic treatment in a very sober manner. As the engineering portion of each model, the STAIDTREAT consists of three different models with very different acoustic absorption curves and performance. The semi-transparent mineral granulate plate also combines the absorption and unidirectional 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 set has been created for home-cinemas, studios, conference halls and auditoriums providing them with a very pleasant atmosphere.


Contact us for more information.




First Reflections




Reverberation times




Room modes



Comb filter effect



Boundary Interference



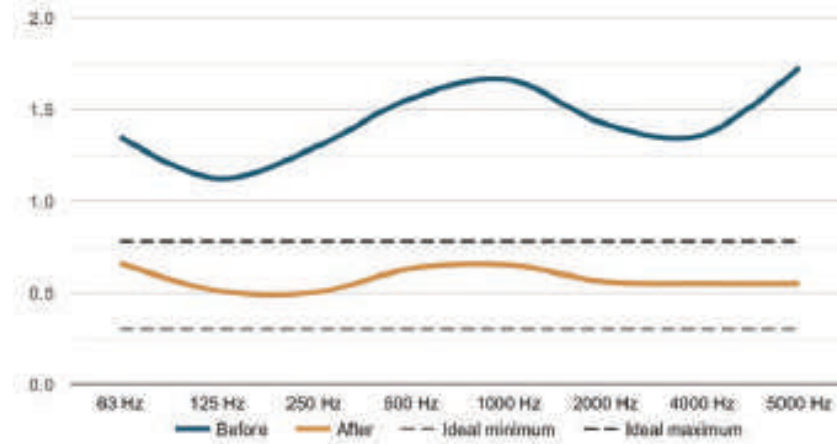
Acoustic Balance

FEATURES

- For rooms with an area between: 17m² and 24m² (183ft² and 258 ft²)
- For rooms with volumes between: 45m³ and 58m³ (1589ft³ and 2048ft³)
- For use in small-sized home-theatre rooms, home-studios, Hi-fi rooms or instrument rooms
- Values were obtained by simulation in specific JAS software and later confirmed through acoustic analyses in the rooms
- The simulated and tested rooms are totally empty, and only the referred KITBOX 02 acoustic panels
- Traditional room with dimensions (L,W,H): 5.82m/4.00m/2.50m (229.1"/157.5"/98.4")
- Walls: masonry with painted fine stuff and a wooden door
- Ceiling: 12mm (1/2") - thick plaster
- Floor: natural floating parquet



JAS ACOUSTIC REPORT



1.44s
before treatment
RT average

0.58s
after treatment
RT average

85dB
before SPL noise
reduction from 90dB

77dB
after SPL noise
reduction from 90dB

60%
calculated
RT reduction

22%
Excellent RT balance
time/frequency

USED PRODUCTS



12 x STAIDTREAT BXA
BASSTRAP



12 x STAIDTREAT BXW
BASSTRAP



18 x STAIDTREAT WBA
ABSORBENT PANEL

PACKAGING

PRODUCT	SIZE	UNITS	BOXES	BOX SIZE	BOX WEIGHT	ABSORBER	DIFFUSOR	TUNED AB.
JOCAVI STAIDTREAT BXA	60x60x30cm (23.6" x 23.6" x 11.8")	12	6	65x65x35cm (25.6" x 25.6" x 13.8")	12kg (26lbs 8oz)			✓
JOCAVI STAIDTREAT BXW	60x60x8cm (23.6" x 23.6" x 3.1")	12	4	65x65x35cm (25.6" x 25.6" x 13.8")	17kg (37lbs 0oz)			✓
JOCAVI STAIDTREAT WBA	60x60x8cm (23.6" x 23.6" x 3.1")	18	5	65x65x35cm (25.6" x 25.6" x 13.8")	17kg (37lbs 0oz)	✓		

AVAILABLE FINISHINGS

STAIDTREAT Granulated Material



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- Typical Indoor Comfort Standards state a temperature range of 20oC - 27oC (68oF - 81oF), and a relative humidity of less than 60%. These would be considered as normal operational levels of JOCAVI products' range.
- Despite all the standard sizes of all products, this model can be customised upon previous consultation. Sizes may vary slightly (+/-3mm) due to their production method and some inherent raw-materials characteristics.
- Shipping options might affect the availability of included adhesives.



76%
Calculated RT reduction

23%
Good RT balance time/frequency

KITBOX 03

DESCRIPTION


The JOCAVI™ KIT BOX 03 has been created for rooms with an area between 17m2 and 30m2 (183ft2 and 323ft2), so small or medium-sized rooms such as home-cinema rooms, home-studios and rehearsal rooms.

JOCAVI™ KIT BOX 03 it is composed of STAIDTREAT acoustic modules which consists of three different models with very different acoustic features though with the same appearance, namely: STAIDTREAT BXW as a Low-frequency absorbent tuned at 80Hz, the BXW as a Low-frequency absorbent tuned at 160Hz and the WBA, which is a broad band mid-high absorbent.


As a whole, these three different specificities provide an outstanding acoustic balance, thus the resulting aesthetic look is a 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.


Contact us for more information.




First Reflections




Reverberation times




Room modes



Comb filter effect



Boundary Interference



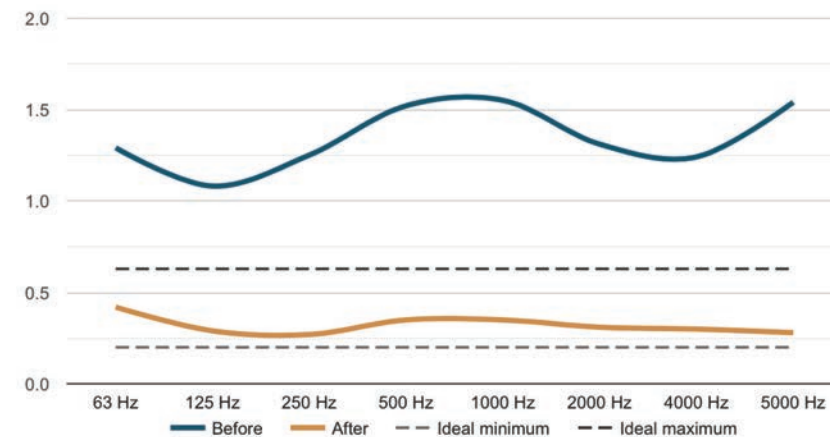
Acoustic Balance

FEATURES

- For rooms with an area between: 17m2 and 30m2 (183ft2 and 323ft2)
- For rooms with volumes between: 58m3 and 90m3 (2048ft3 and 3178ft3)
- For use in small-sized home-theatre rooms, home-studios, Hi-fi rooms or instrument rooms
- Values were obtained by simulation in specific JAS software and later confirmed through acoustic analyses in the rooms
- The simulated and tested rooms are totally empty, and only the referred KITBOX 03 acoustic panels
- Traditional room with dimensions 4.90m/3.60m/2.80m (192.9"/141.7"/110.2") or other dimensions until 30m2 (322.92 ft2)
- Walls: masonry with painted fine stuff and a wooden door
- Ceiling: 12mm (1/2") - thick plaster
- Floor: natural floating parquet



JAS ACOUSTIC REPORT



1.35s
before treatment
RT average

0.32s
after treatment
RT average

85dB
before SPL noise
reduction from 90dB

75dB
after SPL noise
reduction from 90dB

76%
calculated
RT reduction

23%
Excellent RT balance
time/frequency

USED PRODUCTS



12 x STAIDTREAT BXW
BASSTRAP



34 x STAIDTREAT BXW
BASSTRAP



37 x STAIDTREAT WBA
ABSORBENT PANEL

PACKAGING

PRODUCT	SIZE	UNITS	BOXES	BOX SIZE	BOX WEIGHT	ABSORBER	DIFFUSOR	TUNED AB.
JOCAVI STAIDTREAT BXW	60x60x30cm (23.6" x 23.6" x 11.8")	12	6	65x65x35cm (25.6" x 25.6" x 13.8")	12kg (26lbs 8oz)			✓
JOCAVI STAIDTREAT BXW	60x60x8cm (23.6" x 23.6" x 3.1")	34	12	65x65x35cm (25.6" x 25.6" x 13.8")	17kg (37lbs 0oz)			✓
JOCAVI STAIDTREAT WBA	60x60x8cm (23.6"x23.6x3.1")	37	10	65x65x35cm (25.6" x 25.6" x 13.8")	17kg (37lbs 0oz)	✓		

AVAILABLE FINISHINGS

STAIDTREAT Granulated Material



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• Colours may vary due to raw-material suppliers' changes and some differences may occur in tonal range.

• Typical Indoor Comfort Standards state a temperature range of 20oC - 27oC (68oF - 81oF), and a relative humidity of less than 60%. These would be considered as normal operational levels of JOCAVI products' range.

• Despite all the standard sizes of all products, this model can be customised upon previous consultation. Sizes may vary slightly (+/-3mm) due to their production method and some inherent raw-materials characteristics.

• Shipping options might affect the availability of included adhesives.



76%
Calculated RT reduction

23%
Good RT balance time/frequency

KITBOX 03 SPEAKERS


DESCRIPTION

The STAIDTREAT KITBOX 03.SP (with speakers inside), is an innovative modular acoustic treatment method, which combines with high quality performance speakers. The speakers are placed inside the absorbent boxes of the WBA /BXA models. This set of acoustics and public addressed devices is designed to aesthetically conceal acoustic treatment with speakers providing a good sound intelligibility, besides making technology imperceptible to eyesight.


This system was essentially planned for 7.1 and 5.1 home-theatres 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 loudspeaker 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 mid-sized home-cinema 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 packs are supplied with assembly instructions, as well 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.


Contact us for more information.




First Reflections




Reverberation times




Room modes



Comb filter effect



Boundary Interference



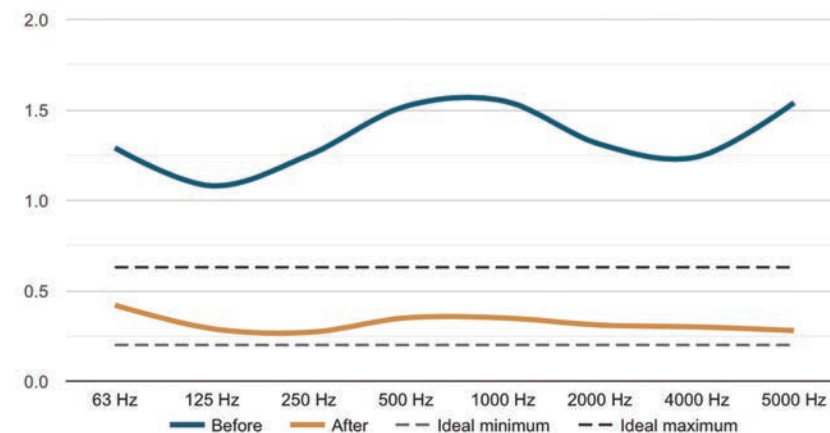
Acoustic Balance

FEATURES

- For rooms with an area between: 17m² and 30m² (183ft² and 323ft²)
- For rooms with volumes between: 58m³ and 90m³ (2048ft³ and 3178ft³)
- For use in small-sized home-theatre rooms, home-studios, Hi-fi rooms or instrument rooms
- 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 03 acoustic panels
- Traditional room with dimensions (L,W,H): 4.90m/3.60m/2.80m (192.9"/141.7"/110.2")
- Walls: masonry with painted fine stuff and a wooden door
- Ceiling: 12mm (1/2" - thick plaster
- Floor: natural floating parquet



JAS ACOUSTIC REPORT



1.35s
before treatment
RT average

0.32s
after treatment
RT average

85dB
before SPL noise
reduction from 90dB

75dB
after SPL noise
reduction from 90dB

76%
calculated
RT reduction

23%
Excellent RT balance
time/frequency

USED PRODUCTS



12 x STAIDTREAT BXA
BASSTRAP



34 x STAIDTREAT BXW
BASSTRAP



37 x STAIDTREAT WBA
ABSORBENT PANEL

PACKAGING

PRODUCT	SIZE	UNITS	BOXES	BOX SIZE	BOX WEIGHT	ABSORBER	DIFFUSOR	TUNED AB.
JOCAVI STAIDTREAT BXA	60x60x30cm (23.6" x 23.6" x 11.8")	12	6	65x65x35cm (25.6" x 25.6" x 13.8")	12kg (26lbs 8oz)			✓
JOCAVI STAIDTREAT BXW	60x60x8cm (23.6" x 23.6" x 3.1")	34	12	65x65x35cm (25.6" x 25.6" x 13.8")	17kg (37lbs 0oz)			✓
JOCAVI STAIDTREAT WBA	60x60x8cm (23.6"x23.6x3.1")	37	10	65x65x35cm (25.6" x 25.6" x 13.8")	17kg (37lbs 0oz)	✓		

AVAILABLE FINISHINGS

STAIDTREAT Granulated Material



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- Despite all the standard sizes of all products, this model can be customised upon previous consultation. Sizes may vary slightly (+/-3mm) due to their production method and some inherent raw-materials characteristics.
- Shipping options might affect the availability of included adhesives.