



ACOUSTIC  
TREATMENT  
PACKS



# JOCaVI™ Acoustic panels

## Well Balanced Room Packs



Comb filter  
effect



First  
Reflections



Boundary  
Interference



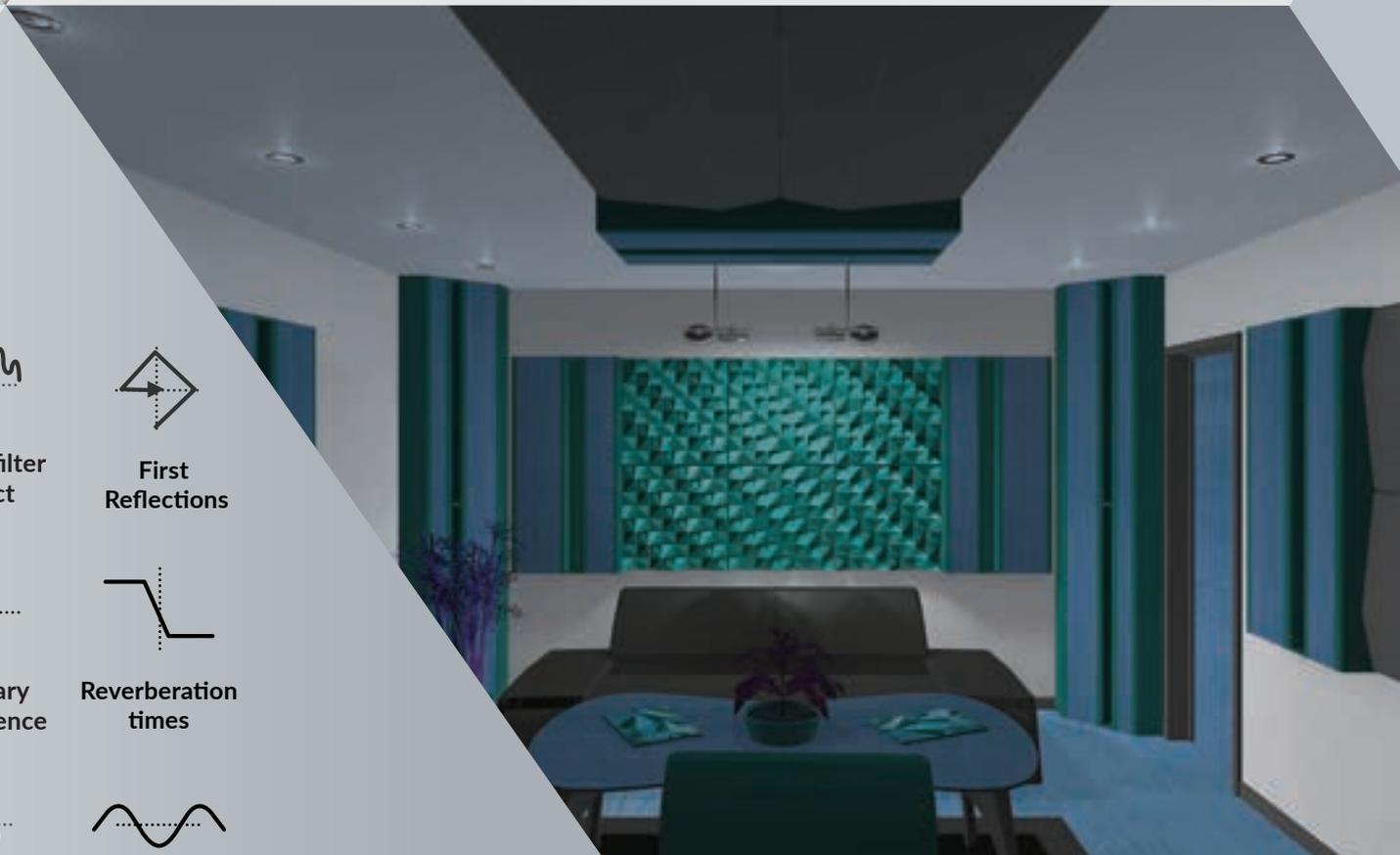
Reverberation  
times



Acoustic  
Balance



Room  
modes

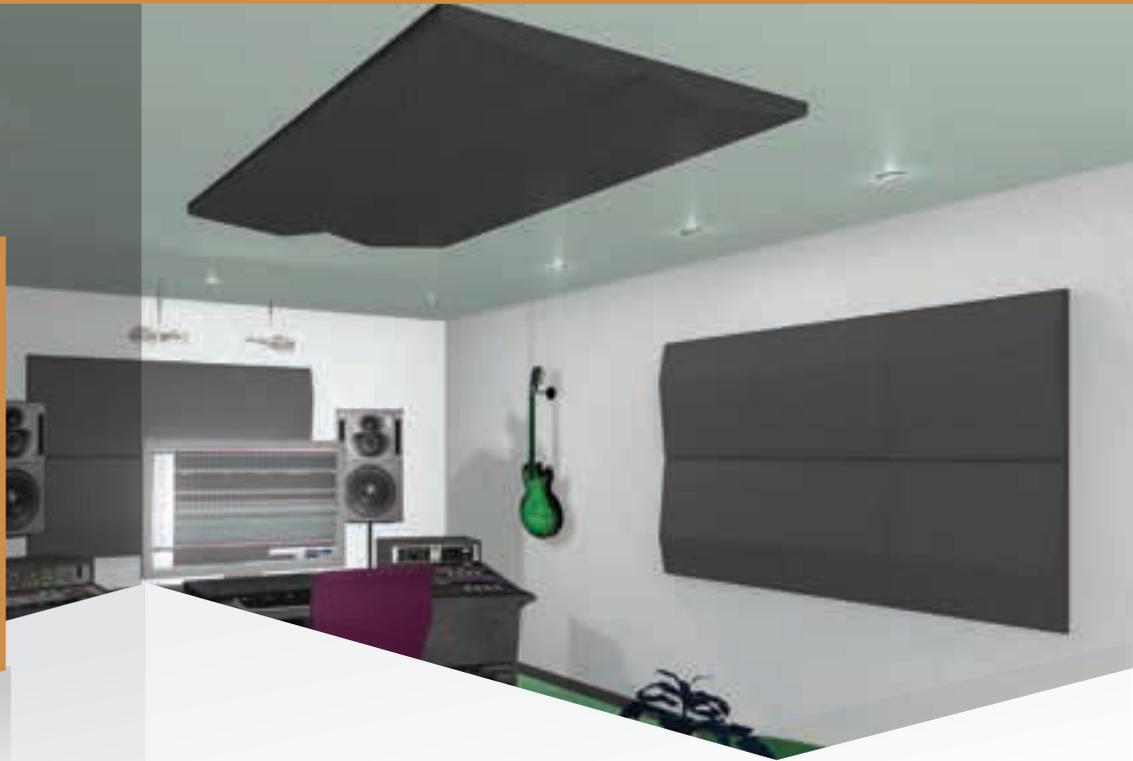


42%

Calculated RT  
reduction

29%

Excellent RT balance  
time/frequency



# BASISPACK

## DESCRIPTION

The ATP BASISPACK is conceived for the treatment of the first reflections and the back wall.

The first reflections coming from the speakers occur on the side walls and ceilings and are treated through the use of 24 ATP SNOWSORB absorption panels that will improve sound definition and the sound field image at the mixing position. This is achieved by reducing the interference between the direct sound and specular reflections, controlling the comb filter effects and the reverberation time in the room.

The back wall is treated with 6 ATP CORALREEF diffusion panels to control specular reflections generated from this surface, thus improving the sense of spaciousness within the room providing mid-high frequencies with clarity.

Despite the intentional absence of low frequency absorbent panels, this set of panels helps to enhance the spectrum balance in a rather effective way. It optimizes the acoustic linkage between the listener and the sources, while minimizing the speakers' boundary interference response and the modal emphasis, balancing the frequency response for this type of rooms.

BASISPACK is a very practical assembly kit for Control Rooms and Music Rooms, provided with assembly instructions required to install all acoustic modules.

This pack can be easily adapted by adding modules depending on the size of your room.

**Contact us for more information.**



**First  
Reflections**



**Reverberation  
times**



**Room  
modes**



**Comb filter  
effect**



**Boundary  
Interference**



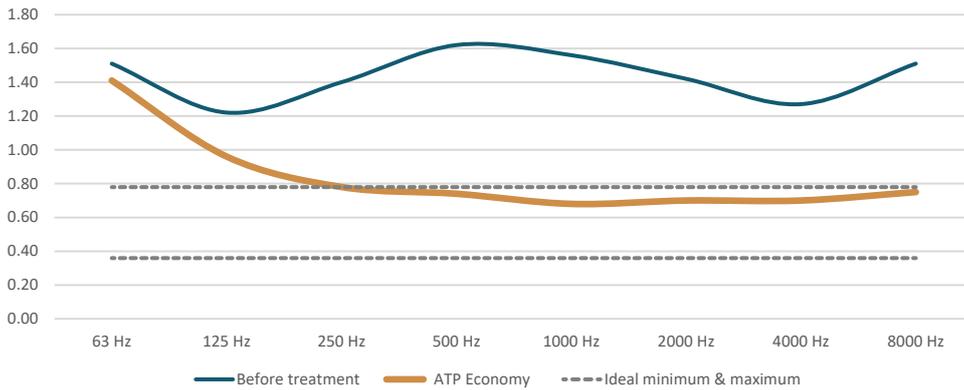
**Acoustic  
Balance**

## FEATURES

- 42% Reverberation time reduction
- 29% Good RT balance time/frequency
- Ideal for control rooms
- Optimized for rooms with areas between 25 m<sup>2</sup> and 35 m<sup>2</sup> (279 ft<sup>2</sup> and 375 ft<sup>2</sup>)
- Ideal for minimum height of 2.4 m (95")
- Easily customizable for other room sizes
- Multiple color combinations available
- Very cost effective acoustic balance control
- Mounting instructions/accessories included



# JAS ACOUSTIC REPORT



**1.44s**  
before treatment  
RT average

**0.84s**  
after treatment  
RT average

**6dB**  
before SPL noise  
reduction from 90dB

**13dB**  
after SPL noise  
reduction from 90dB

**42%**  
calculated  
RT reduction

**29%**  
Excellent RT balance  
time/frequency

## USED PRODUCTS



**ATP SNOWSORB**  
ABSORBENT PANEL



**ATP CORALREEF**  
DIFFUSOR PANEL



**ATP BASSKEEPER ANGLE**  
TUNED ABSORBENT PANEL



**ATP BASSKEEPER WALL**  
TUNED ABSORPTION PANEL

## PACKAGING

| PRODUCT              | SIZE                  | UNITS | BOXES | BOX SIZE                                      | BOX WEIGHT            | ABSORBER | DIFFUSOR | TUNED AB. |
|----------------------|-----------------------|-------|-------|---|-----------------------|----------|----------|-----------|
| <b>ATP SNOWSORB</b>  | 60x60cm (23.4"x23.4") | 24    | 6     | 65x65x35cm<br>(2' 1 3/5"x2' 1 3/5"x1' 1 7/9") | 3kg<br>(6lbs 10oz)    | ✓        |          |           |
| <b>ATP CORALREEF</b> | 60x60cm (23.4"x23.4") | 6     | 2     | 65x65x35cm<br>(2' 1 3/5"x2' 1 3/5"x1' 1 7/9") | 6.3kg<br>(13lbs 15oz) |          | ✓        |           |

## AVAILABLE COLORS

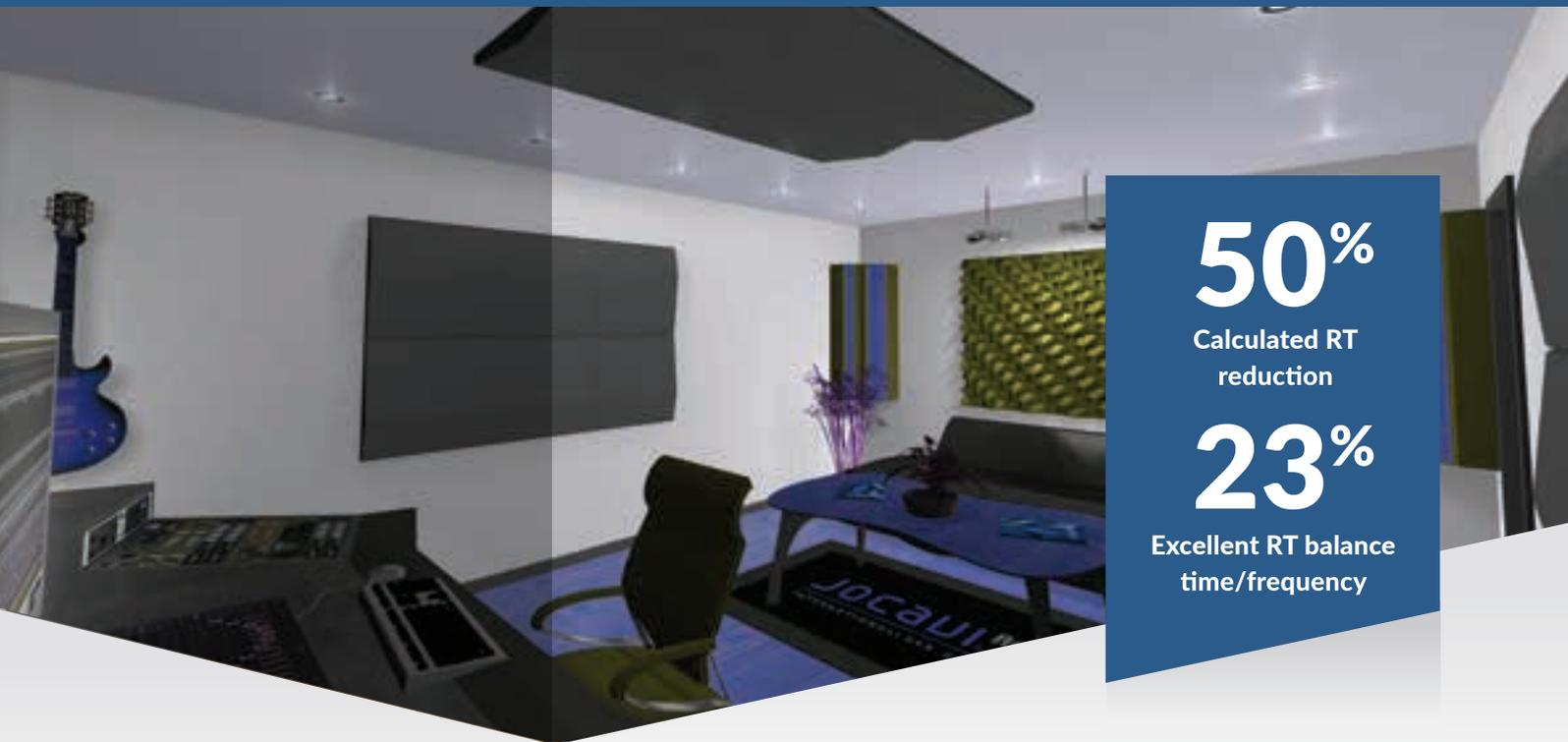
### SNOWSORB Velvety finish



### CORALREEF Painted EPS



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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.



**50%**

Calculated RT reduction

**23%**

Excellent RT balance time/frequency

# COREPACK

## DESCRIPTION

The ATP COREPACK complements the BASISPACK by adding more control level elements to the room.

This pack treats the first reflections coming from the speakers that occur on the side walls and ceilings by using 24 ATP SNOWSORB absorption panels that improve sound definition and the sound field image at the mixing position. By using these panels, we are reducing the interference between the direct sound and the specular reflections, controlling the comb-filter effects and the reverberation time in the room.

The back wall is treated with 6 ATP CORALREEF diffusion panels to control specular reflections generated from this surface, thus improving the sense of spaciousness within the room providing clarity to the mid-high frequencies. This pack includes 4 ATP BASSKEEPER ANGLE low frequency absorbent panels that help control the lower end of the spectrum, as well as provide a better acoustic low-frequency balance throughout the room. The ATP BASSKEEPER ANGLE also helps improve the control of the speakers' boundary interference response and the modal emphasis, producing a good balance of the reverberation time through the spectrum frequencies.

COREPACK is a very practical assembly kit for Control-Rooms and Music Rooms, provided with assembly instructions required to install all acoustic modules.

This pack can be easily adapted by adding modules depending on the size of your room.

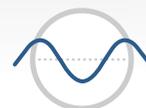
**Contact us for more information.**



**First Reflections**



**Reverberation times**



**Room modes**



**Comb filter effect**



**Boundary Interference**



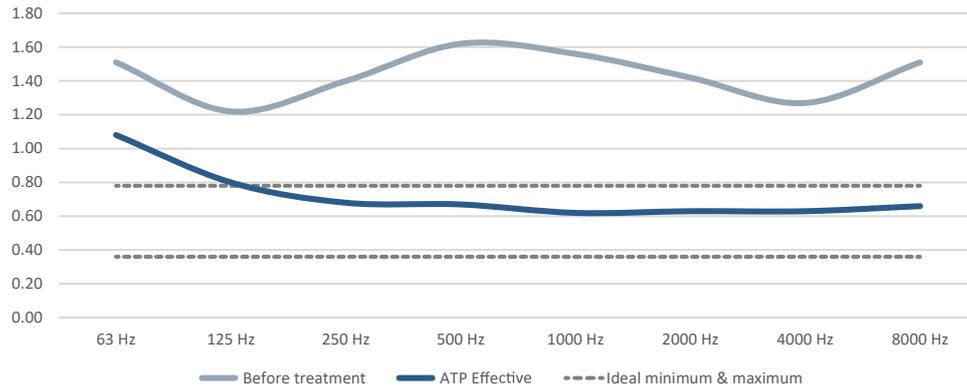
**Acoustic Balance**

## FEATURES

- 50% Reverberation time reduction
- 23% Good RT balance time/frequency
- Ideal for control rooms
- Optimized for rooms with areas between 25 m2 and 35 m2 (279 ft2 and 375 ft2)
- Ideal for minimum height of 2.4 m (95")
- Easily customizable for other room sizes
- Multiple color combinations available
- Very cost effective acoustic balance control
- Mounting instructions/accessories included\*



# JAS ACOUSTIC REPORT



**1.44s** before treatment RT average  
**0.72s** after treatment RT average

**6dB** before SPL noise reduction from 90dB  
**14dB** after SPL noise reduction from 90dB

**50%** calculated RT reduction  
**23%** Excellent RT balance time/frequency

## USED PRODUCTS



**ATP SNOWSORB**  
ABSORBENT PANEL



**ATP CORALREEF**  
DIFFUSOR PANEL



**ATP BASSKEEPER ANGLE**  
TUNED ABSORBENT PANEL



**ATP BASSKEEPER WALL**  
TUNED ABSORPTION PANEL

## PACKAGING

| PRODUCT                       | SIZE                               | UNITS | BOXES | BOX SIZE  | BOX WEIGHT            | ABSORBER | DIFFUSOR | TUNED AB. |
|-------------------------------|------------------------------------|-------|-------|---|-----------------------|----------|----------|-----------|
| <b>ATP SNOWSORB</b>           | 60x60cm<br>(23.4"x23.4")           | 24    | 6     | 65x65x35cm<br>(2' 1 3/5"x2' 1 3/5"x1' 1 7/9")   | 3kg<br>(6lbs 10oz)    | ✓        |          |           |
| <b>ATP CORALREEF</b>          | 60x60cm<br>(23.4"x23.4")           | 6     | 2     | 65x65x35cm<br>(2' 1 3/5"x2' 1 3/5"x1' 1 7/9")   | 6.3kg<br>(13lbs 15oz) |          | ✓        |           |
| <b>ATP BASSKEEPER (Angle)</b> | 120x44x44cm<br>(47.2"x17.3"x17.3") | 4     | 2     | 65x65x120cm<br>(2' 1 3/5"x2' 1 3/5"x3' 11 1/4") | 8.2kg<br>(18lbs 2oz)  |          |          | ✓         |

## AVAILABLE COLORS

### SNOWSORB Velvety finish



### BASSKEEPER Wood Veneer



### CORALREEF Painted EPS



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- Shipping options might affect the availability of included adhesives.

64%

Calculated RT  
reduction

10%

Excellent RT balance  
time/frequency

# PROPACK

## DESCRIPTION

The ATP PROPACK complements the ATP COREPACK by adding an even higher control level to the room. Similar to the BASISPACK and the COREPACK, the PROPACK treats the first reflections coming from the speakers that occur on the side walls and ceilings through the use of 24 ATP SNOWSORB absorption panels that improve sound definition and the sound field image at the mixing position. By using these panels, we are reducing the interference between the direct sound and the specular reflections, controlling the comb-filter effects and the reverberation time in the room. The back wall is treated with 6 ATP CORALREEF diffusion panels to control specular reflections generated from this surface, thus improving the sense of spaciousness within the room providing clarity to the mid-high frequencies. The main difference is that PROPACK is more effective for larger rooms. Including 8 ATP BASSKEEPER ANGLE low frequency absorbent panels for the corners, as well as a whopping 10 ATP BASSKEEPER WALL low frequency absorbent panels for the walls, it offers higher control power of stationary low-frequencies. The ATP BASSKEEPER ANGLE and WALL also help improve the control of the speaker boundary interference response and the modal emphasis, producing a good balance between the reverberation time through the frequency range. This amount of low frequency absorption will definitely provide you with the best balance you can possibly achieve with an acoustic treatment pack. PROPACK is a very practical assembly kit for Control-Rooms and Music Rooms, provided with assembly instructions required to install all acoustic modules. This pack can be easily adapted by adding modules depending on the size of your room.

Contact us for more information.



First  
Reflections



Reverberation  
times



Room  
modes



Comb filter  
effect



Boundary  
Interference



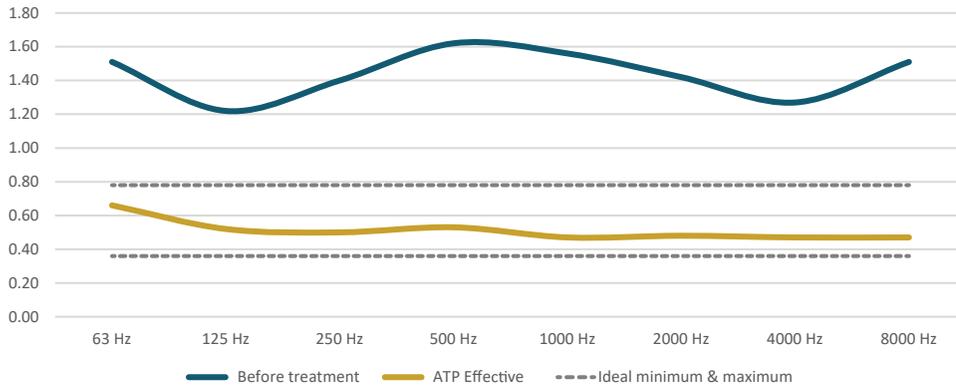
Acoustic  
Balance

## FEATURES

- 64% Reverberation time reduction
- 10% Excellent RT balance time/frequency  
Ideal for control rooms
- Optimized for rooms with areas between 25 m2 and 35 m2 (279 ft2 and 375 ft2)
- Ideal for minimum height of 2.4 m (95")
- Easily customizable for other room sizes
- Multiple color combinations available
- Very cost effective acoustic balance control
- Mounting instructions/accessories included\*



# JAS ACOUSTIC REPORT



**1.44s**  
before treatment  
RT average

**0.51s**  
after treatment  
RT average

**6dB**  
before SPL noise  
reduction from 90dB

**15dB**  
after SPL noise  
reduction from 90dB

**64%**  
calculated  
RT reduction

**10%**  
Excellent RT balance  
time/frequency

## USED PRODUCTS



**ATP SNOWSORB**  
ABSORBENT PANEL



**ATP CORALREEF**  
DIFFUSOR PANEL



**ATP BASSKEEPER ANGLE**  
TUNED ABSORBENT PANEL



**ATP BASSKEEPER WALL**  
TUNED ABSORPTION PANEL

## PACKAGING

| PRODUCT                       | SIZE                               | UNITS | BOXES | BOX SIZE  | BOX WEIGHT            | ABSORBER | DIFFUSOR | TUNED AB. |
|-------------------------------|------------------------------------|-------|-------|---|-----------------------|----------|----------|-----------|
| <b>ATP SNOWSORB</b>           | 60x60cm<br>(23.4"x23.4")           | 24    | 6     | 65x65x35cm<br>(2' 1 3/5"x2' 1 3/5"x1' 1 7/9")   | 3kg<br>(6lbs 10oz)    | ✓        |          |           |
| <b>ATP CORALREEF</b>          | 60x60cm<br>(23.4"x23.4")           | 6     | 2     | 65x65x35cm<br>(2' 1 3/5"x2' 1 3/5"x1' 1 7/9")   | 6.3kg<br>(13lbs 15oz) |          | ✓        |           |
| <b>ATP BASSKEEPER (Angle)</b> | 120x44x44cm<br>(47.2"x17.3"x17.3") | 8     | 2     | 65x65x120cm<br>(2' 1 3/5"x2' 1 3/5"x3' 11 1/4") | 8.2kg<br>(18lbs 2oz)  |          |          | ✓         |
| <b>ATP BASSKEEPER (Wall)</b>  | 120x60cm<br>(47.2"x23.4")          | 10    | 5     | 65x35x120cm<br>(2' 1 3/5"x1' 1 7/9"x3' 11 1/4") | 7.2kg<br>(15lbs 14oz) |          |          | ✓         |

## AVAILABLE COLORS

### SNOWSORB Velvety finish



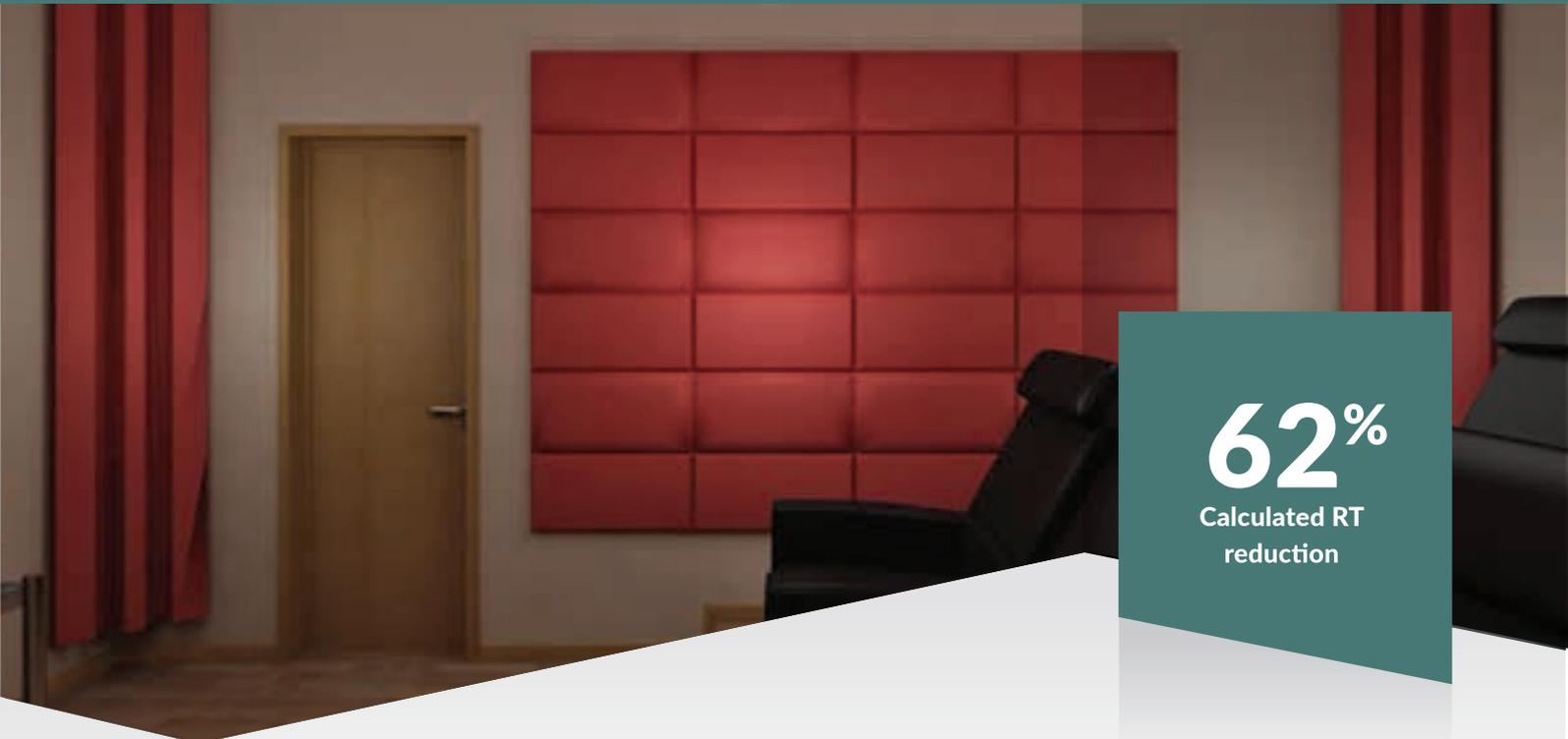
### BASSKEEPER Wood Veneer



### CORALREEF Painted EPS



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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.



**62%**  
Calculated RT  
reduction

# HiFi STUDIROOM

## DESCRIPTION

The ATP HiFi/STUDIROOM pack was developed to fulfil and achieve the perfect combination between aesthetics and acoustics in Hi-Fi, Home Cinemas and Music Rooms. This Room Pack is also an excellent solution for rehearsal or studio live-rooms, whenever an acoustically treated space is required to listen, play or study music in general. This pack is a set of acoustic panels destined for mid-sized rooms.

Despite the intentional exclusion of low frequency absorbent panels in this pack, the achieved result helps to enhance, the real way, the sound produced inside the room and to optimize the acoustic bond between the active listener and the speakers in the room, while minimizing the speakers' boundary interference response and the modal emphasis, creating a quiet less reverberating atmosphere, resulting in a true and pleasant acoustic environment with an adequate frequency/RT balance.

HiFi/STUDIROOM is a very practical assembly kit for Hi-Fi listening rooms, Music and Studio-Rooms, provided with all assembly instructions required to install all acoustic modules.

This pack can be easily adapted by adding modules depending on the size of your room.

**Contact us for more information.**



First Reflections



Reverberation times



Room modes



Comb filter effect



Boundary Interference



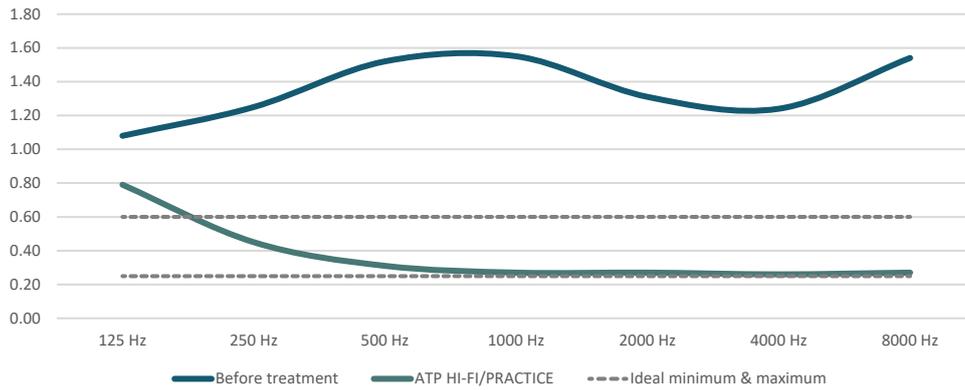
Acoustic Balance

## FEATURES

- 62% Reverberation time reduction
- Ideal for Hi-Fi, Home Cinemas and practice rooms
- Optimized for rooms with areas between 17 m2 and 30 m2 (183 ft2 and 323ft2)
- Ideal for minimum height of 2.4 m (95")
- Easily customizable for other room sizes
- Multiple color combinations available
- Very cost effective acoustic balance control
- Mounting instructions/accessories included\*



# JAS ACOUSTIC REPORT



**1.35s**  
before treatment  
RT average

**0.51s**  
after treatment  
RT average

**5dB**  
before SPL noise  
reduction from 90dB

**16dB**  
after SPL noise  
reduction from 90dB

**62%**  
calculated  
RT reduction

## USED PRODUCTS



**ATP SEAFOAM**  
ABSORPTION PANEL



**ATP TRAP**  
TUNED ABSORBENT PANEL

## PACKAGING

| PRODUCT             | SIZE                              | UNITS | BOXES | BOX SIZE  | BOX WEIGHT          | ABSORBER | DIFFUSOR | TUNED AB. |
|---------------------|-----------------------------------|-------|-------|---|---------------------|----------|----------|-----------|
| <b>ATP SEAFOAM</b>  | 60x60cm<br>(23.4"x23.4")          | 60    | 15    | 65x65x35cm<br>(2' 1 3/5"x2' 1 3/5"x1' 1 7/9")   | 3kg<br>(6lbs 10oz)  | ✓        |          |           |
| <b>ATP TRAP 40S</b> | 60x36x36cm<br>(23.4"x14.2"x14.2") | 16    | 4     | 65x65x120cm<br>(2' 1 3/5"x2' 1 3/5"x3' 11 1/4") | 2.8kg<br>(6lbs 3oz) |          |          | ✓         |

## AVAILABLE COLORS

### SEAFOAM Velvety finish



### TRAP Velvety finish



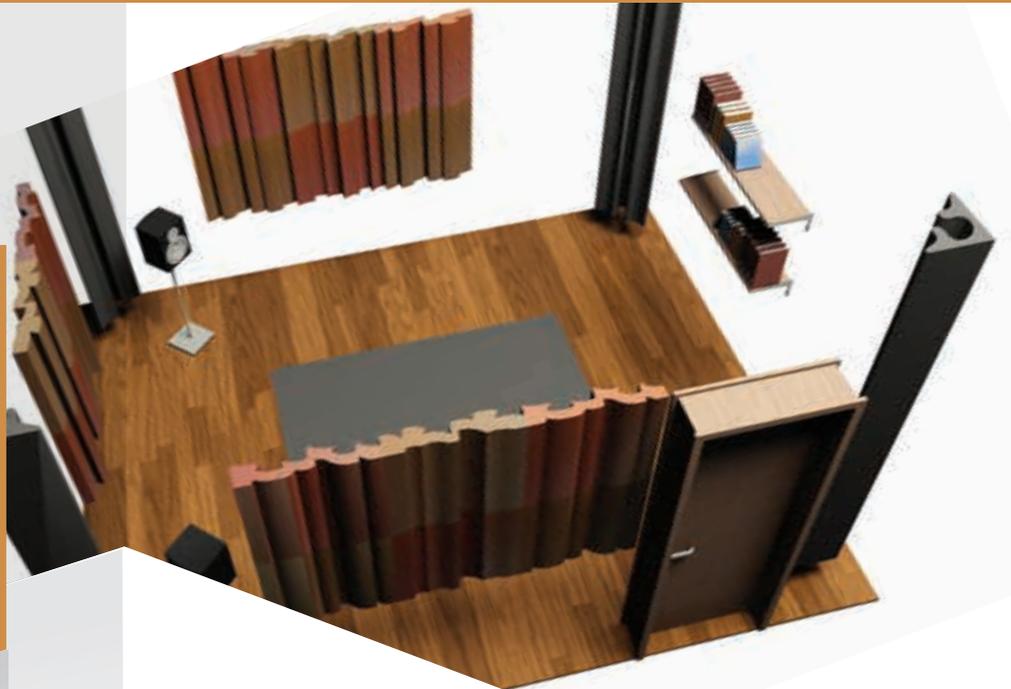
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- Despite all the standard sizes of all products, this model can be customised upon previous consultation. Sizes may vary slightly (+/-3mm) due to their production method and some inherent raw-materials characteristics.
- Shipping options might affect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

**48%**

Calculated RT  
reduction

**31%**

Good RT balance  
time/frequency



# ATP PACK 01

## DESCRIPTION

According to the audio and home cinema fans designation, home cinema and studios this is a system designed to be assembled in the average rooms of anyone's house. Usually, these rooms have neither the correct dimensional proportions nor the ideal acoustic conditioning materials for a good audition. This assembling example, the ATP™ PACK 01 acoustic panel set, has been designed for rooms measuring between 9m<sup>2</sup> and 13m<sup>2</sup> (97ft<sup>2</sup> and 140ft<sup>2</sup>). It optimises the placement of the acoustic treatment components, the listener and the electro acoustic equipment, while minimising the SBIR and the modal emphasis to produce the best frequency response in the room.

To simplify the room design, JOCAVI™ developed the ATP™ PACK 01 for small home cinema and music rooms with the aim to obtain an authentic acoustic framing, by correcting and arranging the sound perceptibility in your room. You can choose from the two ATP™ PACK 01 available solutions: Standard or Excellence, depending on your needs and aesthetic taste.

In a practical way, ATP™ PACK 01 was designed for small-sized rooms. The acoustic elements remain exposed. They are easily assembled and all accessories needed are included.

**Contact us for more information.**



**First Reflections**



**Reverberation times**



**Room modes**



**Comb filter effect**



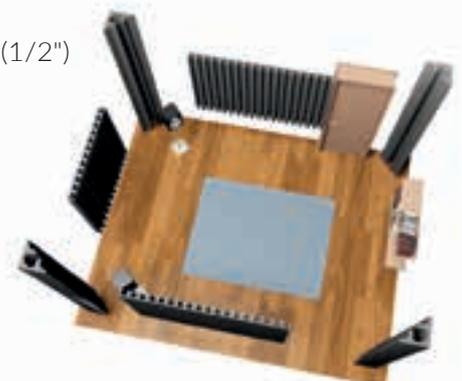
**Boundary Interference**



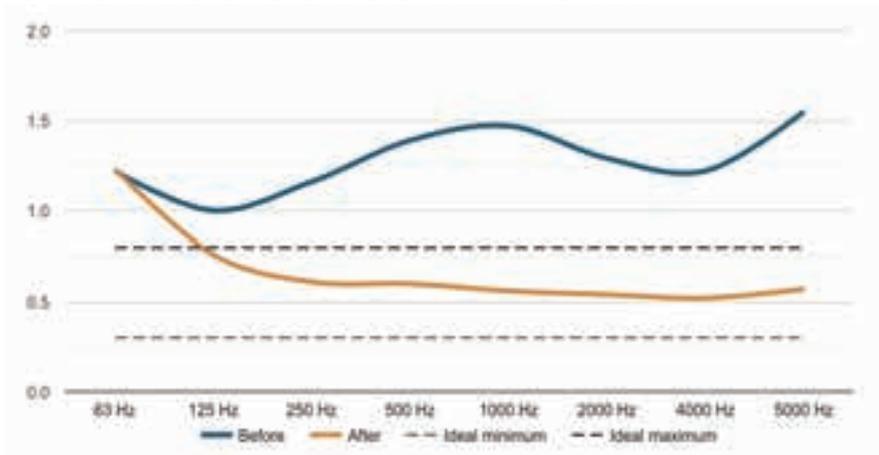
**Acoustic Balance**

## FEATURES

- For rooms with an area between: 9m<sup>2</sup> and 13m<sup>2</sup> (97ft<sup>2</sup> and 140ft<sup>2</sup>)
- For rooms with volumes between: 22m<sup>3</sup> and 35m<sup>3</sup> (777ft<sup>3</sup> and 1236ft<sup>3</sup>)
- 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 ATP™ PACK 01 acoustic panels are applied
- Traditional room with dimensions (L,W,H): 3.47m/2.85m/2.50m (136.6"/112.2"/98.4")
- Walls: masonry with painted fine plaster and a wooden door
- Ceiling: 12mm (1/2") - thick plaster
- Floor: natural floating parquet



# JAS ACOUSTIC REPORT



**1.29s**  
before treatment  
RT average

**0.68s**  
after treatment  
RT average

**87dB**  
before SPL noise  
reduction from 90dB

**82dB**  
after SPL noise  
reduction from 90dB

**48%**  
calculated  
RT reduction

**31%**  
Excellent RT balance  
time/frequency

## USED PRODUCTS



**8 x WAVYFUSER**  
DIFFUSOR PANEL



**8 x FOAMSORB**  
ABSORBENT PANEL



**8 x TRAP**  
BASSTRAP

## PACKAGING

| PRODUCT       | SIZE                   | UNITS | BOXES | BOX SIZE                               | BOX WEIGHT             | ABSORBER | DIFFUSOR | TUNED AB. |
|---------------|------------------------|-------|-------|--|------------------------|----------|----------|-----------|
| ATP WAVYFUSER | 60x60cm (23.6"x23.6")  | 8     | 3     | 65x65x35cm<br>(25.6" x 25.6" x 13.8")  | 4kg<br>(6lbs 10oz)     |          | ✓        |           |
| ATP FOAMSORB  | 60x60cm (23.6"x23.6")  | 8     | 2     | 65x65x35cm<br>(25.6" x 25.6" x 13.8")  | 3.58kg<br>(13lbs 15oz) | ✓        |          |           |
| ATP TRAP 30R  | 120x60cm (47.2"x23.6") | 8     | 2     | 125x65x35cm<br>(49.2" x 25.6" x 13.8") | 3.58kg<br>(7lbs 15oz)  |          |          | ✓         |

## AVAILABLE FINISHINGS

### WAVYFUSER EPS



### FOAMSORB and TRAP Regular foam



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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.



**49%**

Calculated RT reduction

**35%**

Good RT balance time/frequency

# ATP PACK 02

## DESCRIPTION

While some customers favour the ATP™ PACK 01 acoustic panel set, others certainly need an answer for their larger-sized rooms. The ATP™ PACK 02 acoustic panel set has been designed for rooms measuring between 13 and 17m<sup>2</sup> (139.93 ft<sup>2</sup> and 182.99 ft<sup>2</sup>). The approach consists in adjusting the panel quantities to the room's sizes which are slightly bigger than the size of the ATP™ PACK 01.

The acoustic treatment modules must also be placed in relation to the listener and the speakers, while minimising the SBIR and the modal emphasis to produce a frequency response as flat as possible in the room.

Given the elegant look of these Acoustic Elements, most of our customers prefer to leave them in sight as if they were acoustic sculptures. In a practical way, ATP™ PACK 02 have been designed for small-sized rooms. They are easily assembled and all needed accessories are included. You can choose from the two ATP™ PACK 02 available solutions: Standard or Excellence, depending on your needs and aesthetic taste.

**Contact us for more information.**



**First Reflections**



**Reverberation times**



**Room modes**



**Comb filter effect**



**Boundary Interference**



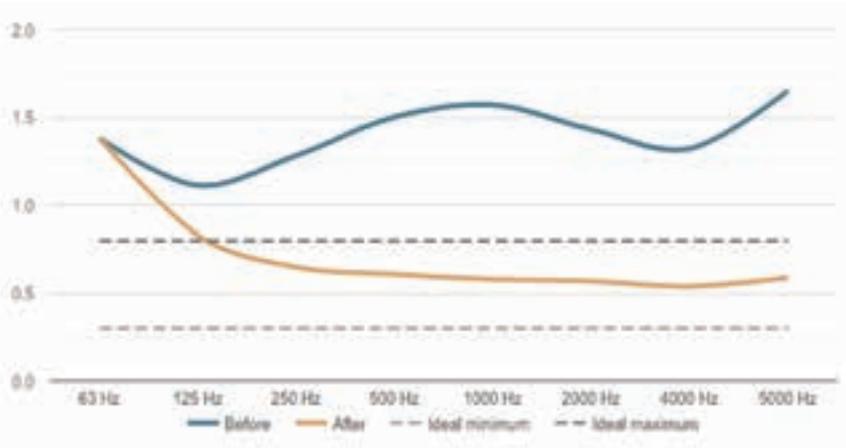
**Acoustic Balance**

## FEATURES

- For rooms with an area between: 13m<sup>2</sup> and 17m<sup>2</sup> (140ft<sup>2</sup> and 183ft<sup>2</sup>)
- For rooms with volumes between: 35m<sup>3</sup> and 45m<sup>3</sup> (1236ft<sup>3</sup> and 1589ft<sup>3</sup>)
- 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 ATP™ PACK 02 acoustic panels are applied
- Traditional room with dimensions (L,W,H): 4.31m/3.58m/2.80m (169.7"/140.9"/110.2")
- Walls: masonry with painted fine plaster and a wooden door
- Ceiling: 12mm (1/2") - thick plaster
- Floor: natural floating parquet



# JAS ACOUSTIC REPORT



**1.41s**  
before treatment  
RT average

**0.72s**  
after treatment  
RT average

**86dB**  
before SPL noise  
reduction from 90dB

**79dB**  
after SPL noise  
reduction from 90dB

**49%**  
calculated  
RT reduction

**35%**  
Excellent RT balance  
time/frequency

## USED PRODUCTS



**12 x WAVYFUSER**  
DIFFUSOR PANEL



**12 x FOAMSORB**  
ABSORBENT PANEL



**8 x TRAP**  
BASSTRAP

## PACKAGING

| PRODUCT       | SIZE                   | UNITS | BOXES | BOX SIZE                               | BOX WEIGHT             | ABSORBER | DIFFUSOR | TUNED AB. |
|---------------|------------------------|-------|-------|--|------------------------|----------|----------|-----------|
| ATP WAVYFUSER | 60x60cm (23.6"x23.6")  | 12    | 4     | 65x65x35cm<br>(25.6" x 25.6" x 13.8")  | 4kg<br>(6lbs 10oz)     |          | ✓        |           |
| ATP FOAMSORB  | 60x60cm (23.6"x23.6")  | 12    | 3     | 65x65x35cm<br>(25.6" x 25.6" x 13.8")  | 3.58kg<br>(13lbs 15oz) | ✓        |          |           |
| ATP TRAP 30S  | 120x60cm (47.2"x23.6") | 8     | 2     | 125x65x35cm<br>(49.2" x 25.6" x 13.8") | 3.58kg<br>(7lbs 15oz)  |          |          | ✓         |

## AVAILABLE FINISHINGS

### WAVYFUSER EPS



### FOAMSORB and TRAP Regular foam



Pine

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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.



**62%**  
Calculated RT reduction

**17%**  
Good RT balance time/frequency

# ATP PACK 03

## DESCRIPTION

The ATP™ PACK 03 is an acoustic panel set designed for rooms measuring between 17m<sup>2</sup> and 24m<sup>2</sup> (183ft<sup>2</sup> and 258ft<sup>2</sup>). This set of panels has been therefore prepared for medium-sized rooms, which are probably the most usual ones.

The presence of acoustic panels in a room helps to enhance, in the most real way, the sound produced by its system, thus improving the soundstage and the channel separation.

The next step is to optimise the acoustic coupling between the listener and the speakers, while minimising the SBIR and the modal emphasis to produce a frequency response as flat as possible in the room.

It uses low-frequency tuned modules, BKA120 and BKW120, which are duly balanced with the absorbers and diffusers FSO060 and WAV060, as pictures show.

It is imperative to use these modules in this type of rooms in order to hold the energy at low frequencies. You can choose from the two ATP™ PACK 03 available solutions: Standard or Excellence, depending on your needs and aesthetic taste.

**Contact us for more information.**



**First Reflections**



**Reverberation times**



**Room modes**



**Comb filter effect**



**Boundary Interference**



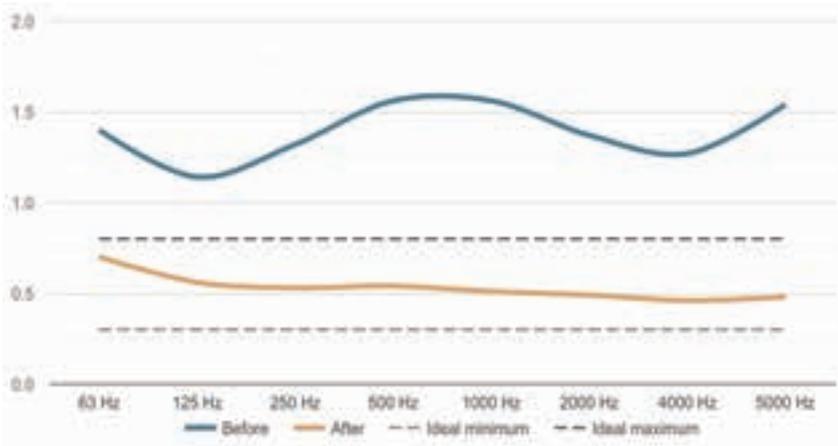
**Acoustic Balance**

## FEATURES

- For rooms with an area between: 17m<sup>2</sup> and 24m<sup>2</sup> (183ft<sup>2</sup> and 258ft<sup>2</sup>)
- For rooms with volumes between: 45m<sup>3</sup> and 58m<sup>3</sup> (1589ft<sup>3</sup> and 2048ft<sup>3</sup>)
- For use in medium-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 ATP™ PACK 03 acoustic panels are applied
- Traditional room with dimensions (L,W,H): 5.82m/4.00m/2.50m (229.1"/157.5"/98.4")
- Walls: masonry with painted fine plaster and a wooden door
- Ceiling: 12mm (1/2") - thick plaster
- Floor: natural floating parquet



# JAS ACOUSTIC REPORT



**1.4s**  
before treatment  
RT average

**0.53s**  
after treatment  
RT average

**85dB**  
before SPL noise  
reduction from 90dB

**77dB**  
after SPL noise  
reduction from 90dB

**62%**  
calculated  
RT reduction

**17%**  
Excellent RT balance  
time/frequency

## USED PRODUCTS



**18 x WAVYFUSER**  
DIFFUSOR PANEL



**18 x FOAMSORB**  
ABSORBENT PANEL



**8 x BASSKEPPER ANGLE**  
BASSTRAP



**4 x BASSKEPPER WALL**  
BASSTRAP

## PACKAGING

| PRODUCT              | SIZE                                   | UNITS | BOXES | BOX SIZE                               | BOX WEIGHT             | ABSORBER | DIFFUSOR | TUNED AB. |
|----------------------|--|-------|-------|--|------------------------|----------|----------|-----------|
| ATP WAVYFUSER        | 60x60cm (23.6"x23.6")                  | 18    | 6     | 65x65x35cm<br>(25.6" x 25.6" x 13.8")  | 4kg<br>(6lbs 10oz)     |          | ✓        |           |
| ATP FOAMSORB         | 60x60cm (23.6"x23.6")                  | 18    | 5     | 65x65x35cm<br>(25.6" x 25.6" x 13.8")  | 3.58kg<br>(13lbs 15oz) | ✓        |          |           |
| ATP BASSKEPPER ANGLE | 120x44x44cm<br>(47.2" x 17.3" x 17.3") | 8     | 4     | 65x65x120cm<br>(25.6" x 25.6" x 47.2") | 8.2kg<br>(18lbs 2oz)   |          |          | ✓         |
| ATP BASSKEPPER WALL  | 120x60cm<br>(47.2" x 23.6")            | 4     | 2     | 125x65x35cm<br>(49.2" x 25.6" x 13.8") | 7.2kg<br>(15lbs 14oz)  |          |          | ✓         |

## AVAILABLE FINISHINGS

### WAVYFUSER, BASSKEPPER ANGLE, BASSKEPPER WALL EPS



### FOAMSORB Regular foam



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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.



**66%**

Calculated RT  
reduction

**21%**

Good RT balance  
time/frequency

## ATP PACK 04

### DESCRIPTION

The ATP™ PACK 04 is specific for medium sized music rooms, as it was designed for rooms measuring between 24m<sup>2</sup> and 30m<sup>2</sup> (258ft<sup>2</sup> and 323ft<sup>2</sup>).

You can choose from the two ATP™ PACK 04 available solutions: Standard or Excellence, depending on your needs and aesthetic taste.

It provides acoustic comfort in control room studios, recording rooms, hi-fi or home-cinema rooms, rehearsal rooms, etc. It uses low-frequency tuned modules, BKA120 and BKW120, which are duly balanced with the absorbers and diffusers FSO060 and WAV060, as pictures show.

It is imperative to use these modules in this type of rooms in order to hold the energy at low frequencies. The integration of the acoustic modules, sound system and listener is decisive for a good audition, therefore minimising the differences in the distribution of the acoustic pressure and minimising the modal emphasis and SBIR (speaker-boundary interference response).

**Contact us for more information.**

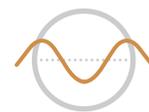
### FEATURES



**First Reflections**



**Reverberation times**



**Room modes**



**Comb filter effect**



**Boundary Interference**

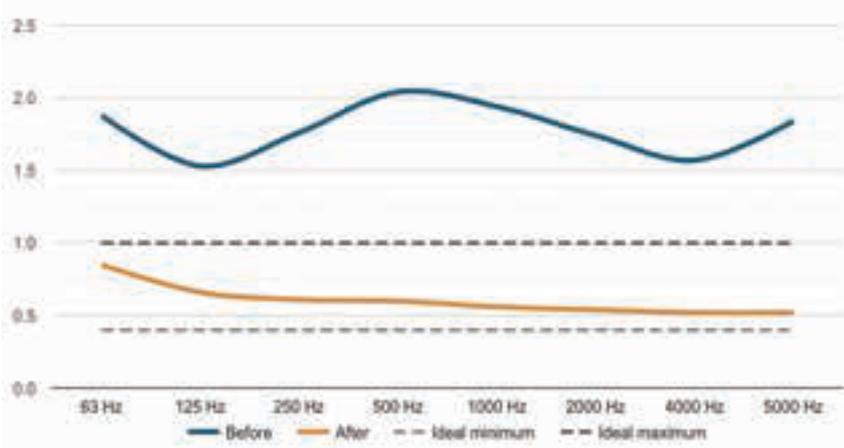


**Acoustic Balance**

- For rooms with an area between: 24m<sup>2</sup> and 30m<sup>2</sup> (258ft<sup>2</sup> and 323ft<sup>2</sup>)
- For rooms with volumes between: 58m<sup>3</sup> and 90m<sup>3</sup> (2048ft<sup>3</sup> and 3178ft<sup>3</sup>)
- For use in control room studios, tracking rooms, hi-fi or home-cinema rooms, rehearsal rooms, etc.
- 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 ATP™ PACK 04 acoustic panels are applied
- Traditional room with dimensions (L,W,H): 6.52m/4.48m/2.80m (256.7"/176.4"/110.2")
- Walls: masonry with painted fine plaster and a wooden door
- Ceiling: 12mm (1/2") - thick plaster
- Floor: natural floating parquet



# JAS ACOUSTIC REPORT



**1.79s**  
before treatment  
RT average

**0.61s**  
after treatment  
RT average

**84dB**  
before SPL noise  
reduction from 90dB

**74dB**  
after SPL noise  
reduction from 90dB

**66%**  
calculated  
RT reduction

**21%**  
Excellent RT balance  
time/frequency

## USED PRODUCTS



**24 x WAVYFUSER**  
DIFFUSOR PANEL



**24 x FOAMSORB**  
ABSORBENT PANEL



**8 x BASSKEEPER ANGLE**  
BASSTRAP



**8 x BASSKEEPER WALL**  
BASSTRAP

## PACKAGING

| PRODUCT              | SIZE                                   | UNITS | BOXES | BOX SIZE                               | BOX WEIGHT             | ABSORBER | DIFFUSOR | TUNED AB. |
|----------------------|--|-------|-------|--|------------------------|----------|----------|-----------|
| ATP WAVYFUSER        | 60x60cm (23.6"x23.6")                  | 24    | 8     | 65x65x35cm<br>(25.6" x 25.6" x 13.8")  | 4kg<br>(6lbs 10oz)     |          | ✓        |           |
| ATP FOAMSORB         | 60x60cm (23.6"x23.6")                  | 24    | 6     | 65x65x35cm<br>(25.6" x 25.6" x 13.8")  | 3.58kg<br>(13lbs 15oz) | ✓        |          |           |
| ATP BASSKEEPER ANGLE | 120x44x44cm<br>(47.2" x 17.3" x 17.3") | 8     | 4     | 65x65x120cm<br>(25.6" x 25.6" x 47.2") | 8.2kg<br>(18lbs 2oz)   |          |          | ✓         |
| ATP BASSKEEPER WALL  | 120x60cm<br>(47.2" x 23.6")            | 8     | 4     | 125x65x35cm<br>(49.2" x 25.6" x 13.8") | 7.2kg<br>(15lbs 14oz)  |          |          | ✓         |

## AVAILABLE FINISHINGS

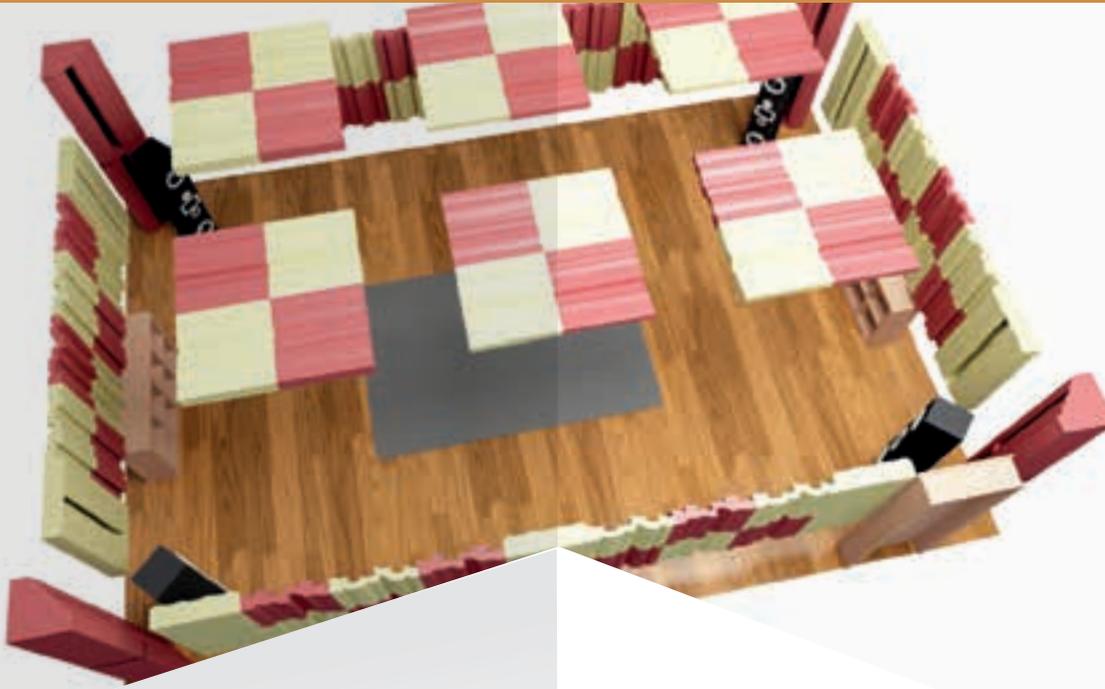
### WAVYFUSER, BASSKEEPER ANGLE, BASSKEEPER WALL EPS



### FOAMSORB Regular foam



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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.



62%

Calculated RT reduction

21%

Good RT balance time/frequency

# ATP PACK 05

## DESCRIPTION

The ATP™ PACK 05 is specific for large-sized music rooms, as it was designed for rooms measuring between 30m<sup>2</sup> and 40m<sup>2</sup> (323 ft<sup>2</sup> and 430 ft<sup>2</sup>). You can choose from the two ATP™ PACK 05 available solutions: Standard or Excellence, depending on your needs and aesthetic taste.

It provides acoustic comfort in control room studios, recording rooms, hi-fi or home-cinema rooms, rehearsal rooms, etc. It uses low-frequency tuned modules, BKA120 and BKW120, which are duly balanced with the absorbers and diffusers FSO060 and WAV060, as pictures show.

It is imperative to use these modules in this type of rooms in order to hold the energy at low frequencies

**Contact us for more information.**



First Reflections



Reverberation times



Room modes



Comb filter effect



Boundary Interference



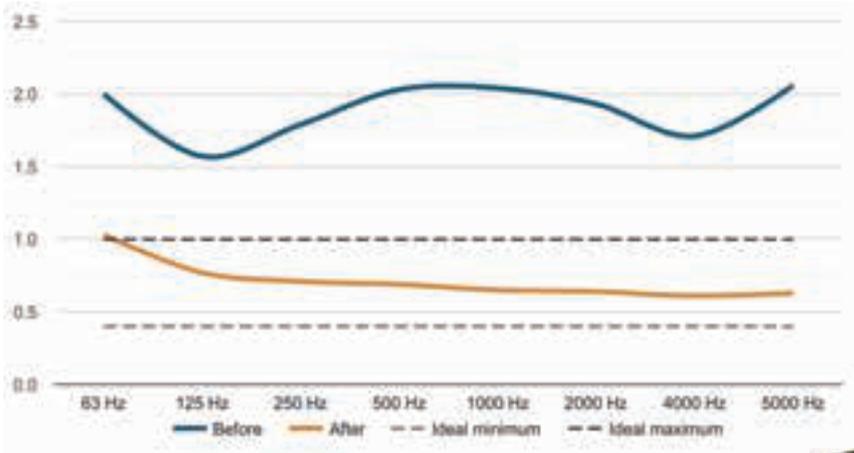
Acoustic Balance

## FEATURES

- For rooms with an area between: 30m<sup>2</sup> and 40m<sup>2</sup> (323ft<sup>2</sup> and 430ft<sup>2</sup>)
- For rooms with volumes between: 90m<sup>3</sup> and 130m<sup>3</sup> (3178ft<sup>3</sup> and 4591ft<sup>3</sup>)
- For use in control room studios, tracking rooms, hi-fi or home-cinema rooms, rehearsal rooms, etc.
- 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 ATP™ PACK 05 acoustic panels are applied
- Traditional room with dimensions (L,W,H): (L,W,H): 7.45m/5.20m/3.20m (293.3"/204.7"/126.0")
- Walls: masonry with painted fine plaster and a wooden door
- Ceiling: 12mm (1/2") - thick plaster
- Floor: natural floating parquet



# JAS ACOUSTIC REPORT



**1.89s**  
before treatment  
RT average

**0.72s**  
after treatment  
RT average

**82dB**  
before SPL noise  
reduction from 90dB

**73dB**  
after SPL noise  
reduction from 90dB

**62%**  
calculated  
RT reduction

**21%**  
Excellent RT balance  
time/frequency

## USED PRODUCTS



**32 x WAVYFUSER**  
DIFFUSOR PANEL



**32 x FOAMSORB**  
ABSORBENT PANEL



**8 x BASSKEPPER ANGLE**  
BASSTRAP



**10 x BASSKEPPER WALL**  
BASSTRAP

## PACKAGING

| PRODUCT                     | SIZE                                   | UNITS | BOXES | BOX SIZE                               | BOX WEIGHT             | ABSORBER | DIFFUSOR | TUNED AB. |
|-----------------------------|--|-------|-------|--|------------------------|----------|----------|-----------|
| <b>ATP WAVYFUSER</b>        | 60x60cm (23.6"x23.6")                  | 32    | 11    | 65x65x35cm<br>(25.6" x 25.6" x 13.8")  | 4kg<br>(6lbs 10oz)     |          | ✓        |           |
| <b>ATP FOAMSORB</b>         | 60x60cm (23.6"x23.6")                  | 32    | 8     | 65x65x35cm<br>(25.6" x 25.6" x 13.8")  | 3.58kg<br>(13lbs 15oz) | ✓        |          |           |
| <b>ATP BASSKEPPER ANGLE</b> | 120x44x44cm<br>(47.2" x 17.3" x 17.3") | 8     | 4     | 65x65x120cm<br>(25.6" x 25.6" x 47.2") | 8.2kg<br>(18lbs 2oz)   |          |          | ✓         |
| <b>ATP BASSKEPPER WALL</b>  | 120x60cm<br>(47.2" x 23.6")            | 10    | 5     | 125x65x35cm<br>(49.2" x 25.6" x 13.8") | 7.2kg<br>(15lbs 14oz)  |          |          | ✓         |

## AVAILABLE FINISHINGS

### WAVYFUSER, BASSKEPPER ANGLE, BASSKEPPER WALL EPS



### FOAMSORB Regular foam



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