

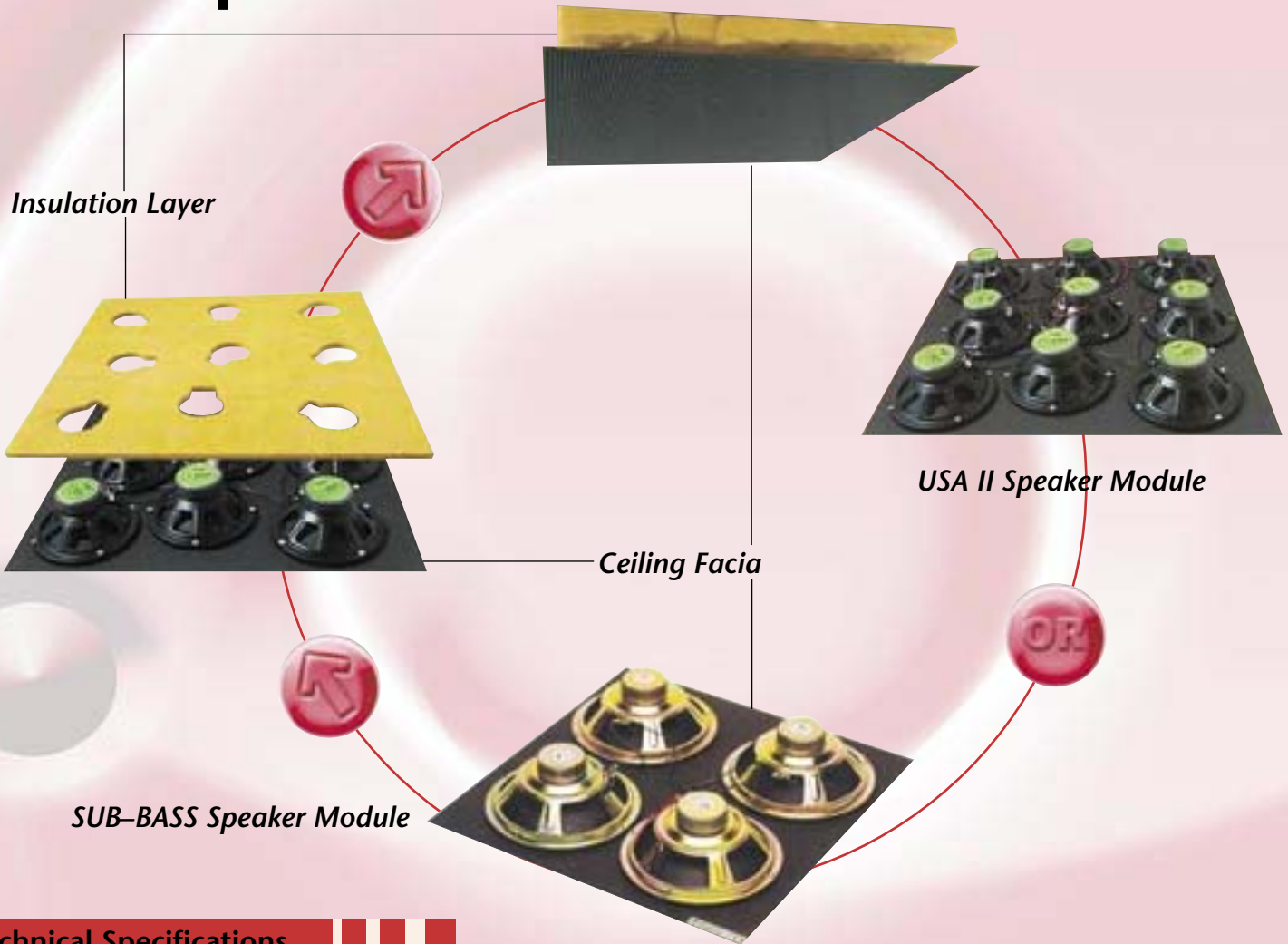


Sound Solutions

Jbon

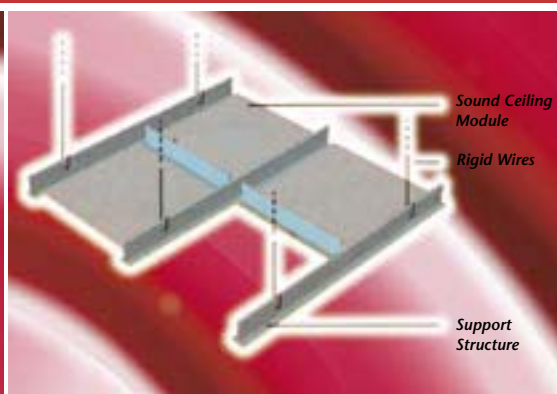
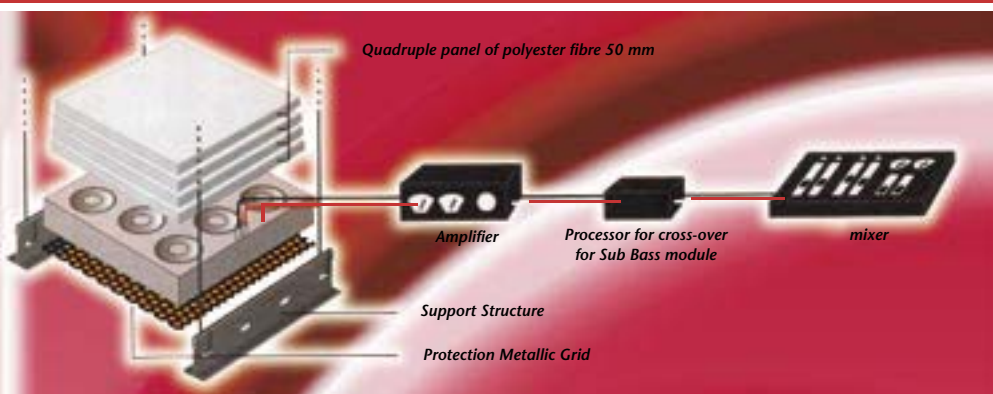
The Intelligent Sound System

Specifications - Installation



Technical Specifications

Type	USA II Speaker Module	SUB-BASS Speaker Module
Frequency	35 - 17.000Hz \pm 5dB	20 - 400Hz \pm 5dB
Power Handling (max)	225 Watts / Module	200 Watts / Module
SPL (max)	124dB	121dB (143dB @ 50-100 Hz)
Impedance / Module	72 Ohms	32 Ohms
Module Weight	7 Kg	7 Kg
Recommended Amplifier	20 - 550 Watts	20 - 500 Watts
Installation Weight	17 Kg / m ²	19 Kg / m ²
Colours	Black / White or customised	Black / White or customised
Module Measurement	600 x 600 x 70 mm	600 x 600 x 100 mm
Factory Guarantee	2 years	2 years



INSTALLATION METHOD



Indoor-Outdoor Applications

Imagine dancing underneath thousands of pumping speakers while only metres away people are working, dining or holding normal conversations with ambient background music.



Revellers dancing under the Jbn Sound Ceiling® at 'A Bar Called Barry' Melbourne, Victoria, Australia.

It may be hard to believe, but Jbn Sound Solutions has made it possible, thanks to a revolutionary new sound system called the Jbn Sound Ceiling®. Designed and developed in Sweden, the Jbn Sound Ceiling® is a revolutionary modular based speaker system that is installed in or suspended from the ceiling, just above the dance floor or a similar location where music is required to be directed. The size of the venue and dance floor is calculated to determine the number of modules required over a given area. The system utilises 'Plane Wave' technology to achieve astounding reductions in sound propagation and bass frequency transference in entertainment venues.

Compared to a conventional sound system where there is very little control over the distribution of sound, especially lower base frequencies, Jbn Sound Solutions has provided the ultimate solution to a universal problem faced by all entertainment venues.

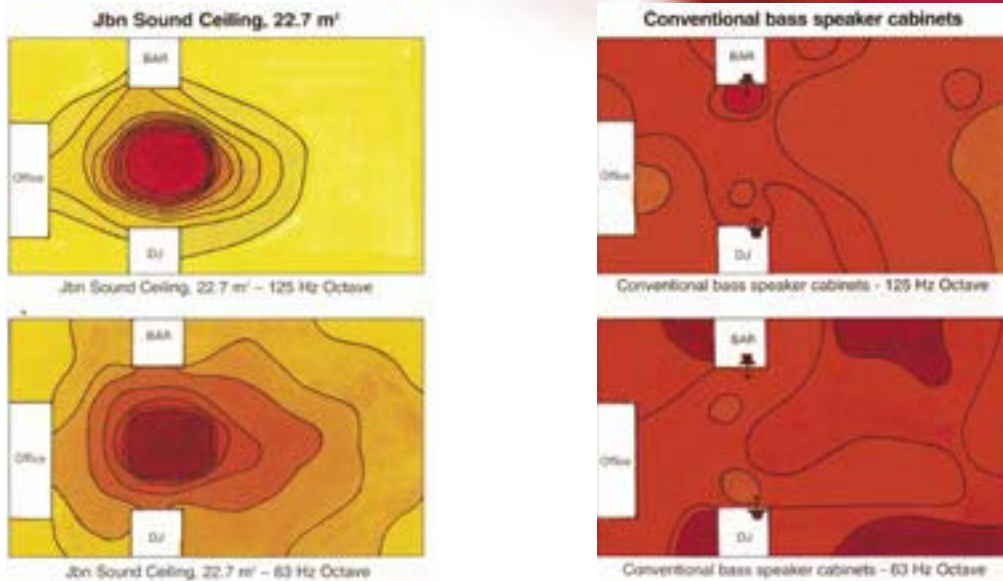
The illustrations on the adjoining page demonstrate the comparison of sound distribution between a conventional sound system and the Jbn Sound Ceiling. Through plane wave technology and directional control, the Jbn Sound Ceiling® clearly reduces unwanted sound distribution.



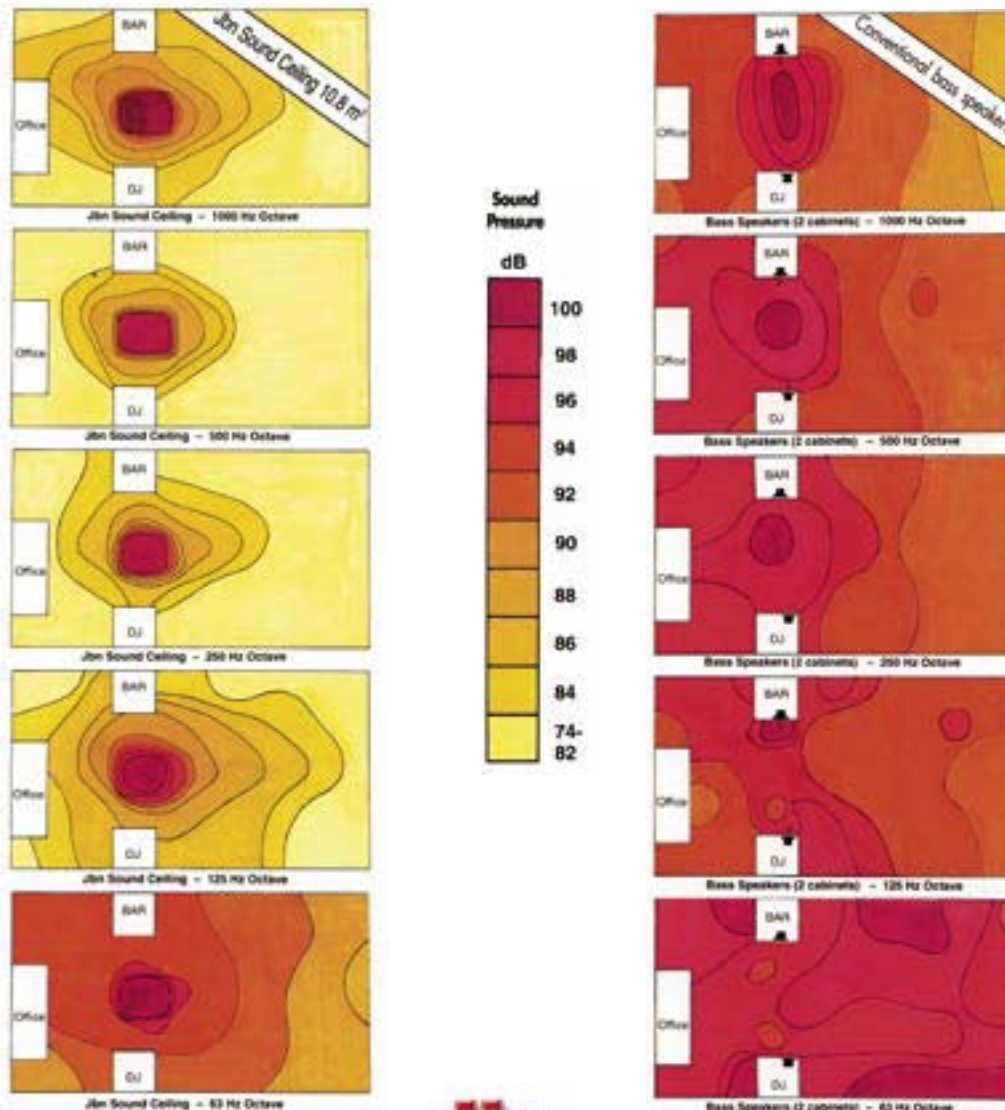
Ideal for indoor and outdoor entertainment venues alike, the Jbn Sound Ceiling® is an aesthetically pleasing system and can be customised to suit any venue.



Comparison of the low frequency directivity between a small and medium sized Jbn Sound Ceiling[®] and conventional bass speaker cabinets.



- The measurements are made in a typical discotheque (14x25) with concrete floor.
- In the discotheque we have one disco-booth, one bar and one office.
- The height of the conventional speakers and the Jbn Sound Ceiling[®] are 3.0 metre above the floor.
- The conventional speakers are two cabinets with two 15-inch bass speakers in each cabinet.
- The sound levels are measured with Brüel & Kjaer 2218 in 100 point positions, 1.5 metres above the concrete floor.
- Sound Ceiling size: 3.0m x 3.6m and 5.4m x 4.2m.
- Better directivity in the 63Hz Octave is obtained with larger Sound Ceiling.



Commercial Applications

The Intelligent Sound System Commercial Applications

Can you imagine running a nightclub with the world's largest and clearest sound system without any complaints about noise pollution? Can you imagine what it would feel like to dance under thousands of speakers? Well now you can!

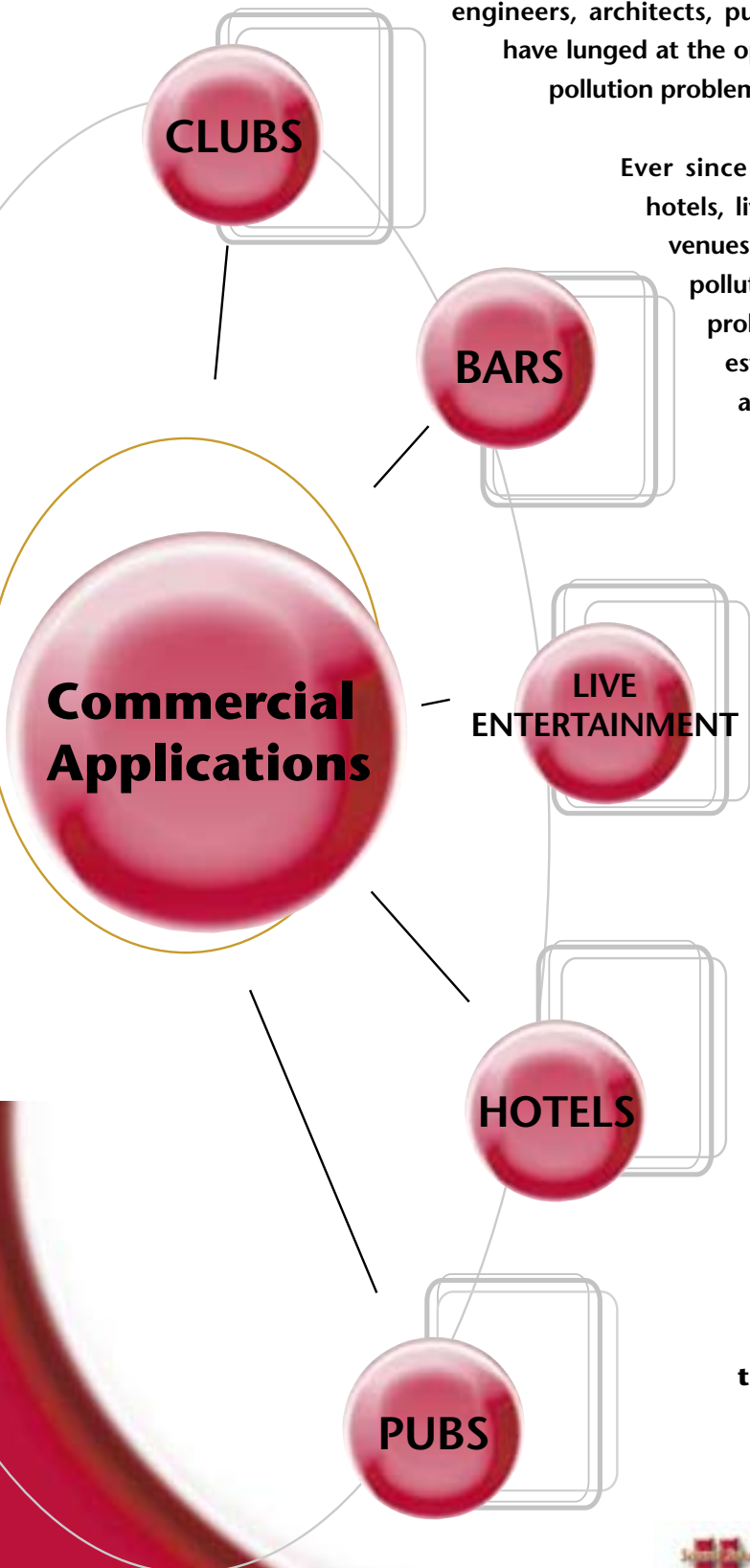
The Jbn Sound Ceiling® is only new to Australia and New Zealand and already acoustic engineers, architects, publicans and nightclub owners throughout Australasia have lunged at the opportunity for Jbn Sound Solutions to resolve their noise pollution problems, with screaming success.

Ever since sound systems have been used in bars, nightclubs, hotels, live band venues and function centres, owners of these venues have been faced with legal battles ranging from noise pollution complaints through to work cover claims for hearing problems, and many have been forced to close down. Real estate sales surrounding dance and live music venues have also suffered. Venue owners are spending large amounts of money on installing sound insulation just to muffle the sound of music. New buildings under construction are also required to install double glazed windows and construct double brick and double plaster walls just to muffle the sound of the music.

The Jbn Sound Ceiling® is a modular based speaker system, inserted into or suspended from the ceiling above the dancefloor that directs sound straight down to the dancing audience, where it is needed. This system has the capacity to reduce sound by 10dB only 1-2 metres from the dance floor. By the time the sound has reached the bar, it will have reduced to a comfortable level. Jbn Sound Solutions guarantees sound reduction of at least 10dB outside the venue.

Not only has Jbn solved many sound problems with indoor entertainment and dance venues, it is also ideal for outdoor entertainment venues where there is no insulation against unwanted sound travel.

Why try and stop unwanted noise emanating from the venue? Now we can control the source of the sound!

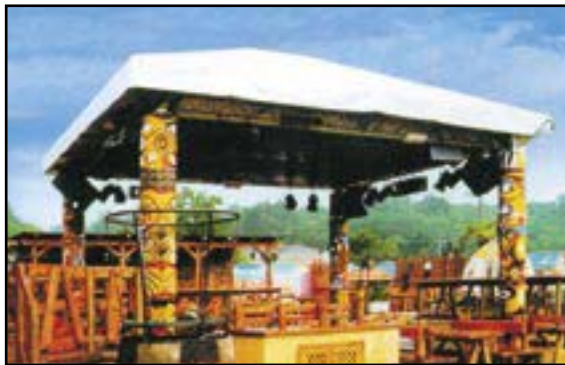




Jbn Sound Ceiling® can be found throughout the world from Italy, France, Spain, UK, Sweden, Turkey, New Zealand to Australia. Whether it be outdoor or indoor venues, Jbn's exclusive Sound

Ceiling continues its rapid growth throughout the world offering the hospitality and entertainment industries practical and sustainable environmental sound solutions.

Suspended from the roof of these outdoor venues, the Jbn Sound Ceiling®, ensures seated guests outside the dancefloor perimeter can enjoy the benefits of outdoor hospitality with quiet background music, while only metres away guests on the dancefloor can enjoy letting their hair down with their favourite music pumping.



- Entertainment need not suffer
 - Residents need not suffer
 - Staff need not suffer
- Talent should be allowed to be fostered without restriction.

This is now possible with cost reductions the entertainment Hospitality industry can only imagine.

The Jbn Sound Ceiling® really does have to be heard to be believed!

Contact Information: