

## OUR INSTALLATION PROFILE

DESIGNING · INTEGRATING AND SUPPORTING A/V SOLUTIONS  
FOR PERFORMING ARTS · AUDITORIUMS · EDUCATION  
HOUSE OF WORSHIP · ENTERTAINMENT

PLATFORM  
FOR EVENT



**Integrated  
Audio Solutions**  
DESIGN • CONSULTANCY • SALES

## FINDING PROFESSIONALS TO ASSIST YOU WITH THE SUPPLY AND MANAGEMENT OF AUDIO / VISUAL SYSTEMS IS CHALLENGING AT THE BEST OF TIMES

### *UNTIL NOW*

**Introducing Integrated Audio Solutions** – a boutique audio company offering consultation, system design and integration, project management and solution-based equipment sales.

Our recent engagements have included theatre and auditorium projects for the performing arts, schools and houses of worship. Integrated Audio Solutions along with its partners has a specialist expertise in sports stadiums, arenas and racetracks, theme parks and resort projects.

Key to the Integrated Audio Solutions success formula is our ability to work collaboratively with architects, engineers, facility managers, technical personnel and end-users to design and install world-class audio and visual systems — on time, on “spec” and on budget.

Stand-alone equipment can also be supplied. Integrated Audio Solutions represent a discrete range of hand-picked audio lines. This includes offering technical advice and supplying bulk or custom-built cables, connectors and accessories, through to the fully integrated design, supply and installation of turnkey solutions. Clients are also extended full after-sales support with live demonstrations, training, technical service and equipment back up.

### GETTING THE MOST OUT OF YOU'RE EXISTING SYSTEM

Integrated Audio Solutions has many years of expertise in problem solving and optimizing audio systems large and small to bring out their full potential. Integrated Audio Solutions has a vast knowledge base of most systems, whether a small classroom or large auditorium systems. Room tuning is one of our specialties. This expertise ensures that each system is tailored to its delivery space and that it always operates to its full capability.

Integrated Audio Solution offers a complete analysis service of you're existing audio system. These services include:

- Audio system performance fine-tuning and the development of location-specific acoustic solutions for problematic spaces
- Grounding, hum and noise elimination
- Production of Quick Guides (operation reference guides for staff /students)
- Staff system training
- Scheduled preventative maintenance visits, ensuring the peak performance of your system is always maintained. Service includes, system dust filter cleaning, cable inspection and audio level alignment



## OUR LATEST WORK



### GETINGE • SA OFFICES

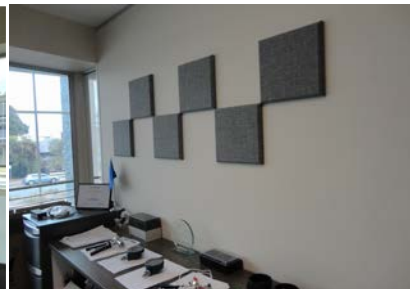
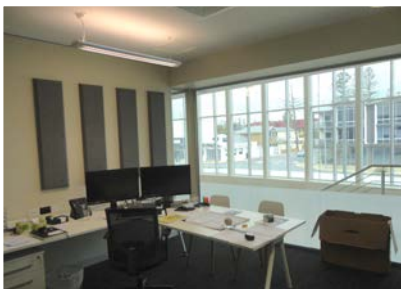
Design, Supply and Installation : Acoustics Treatment Solution - Primacoustics acoustic treatment.

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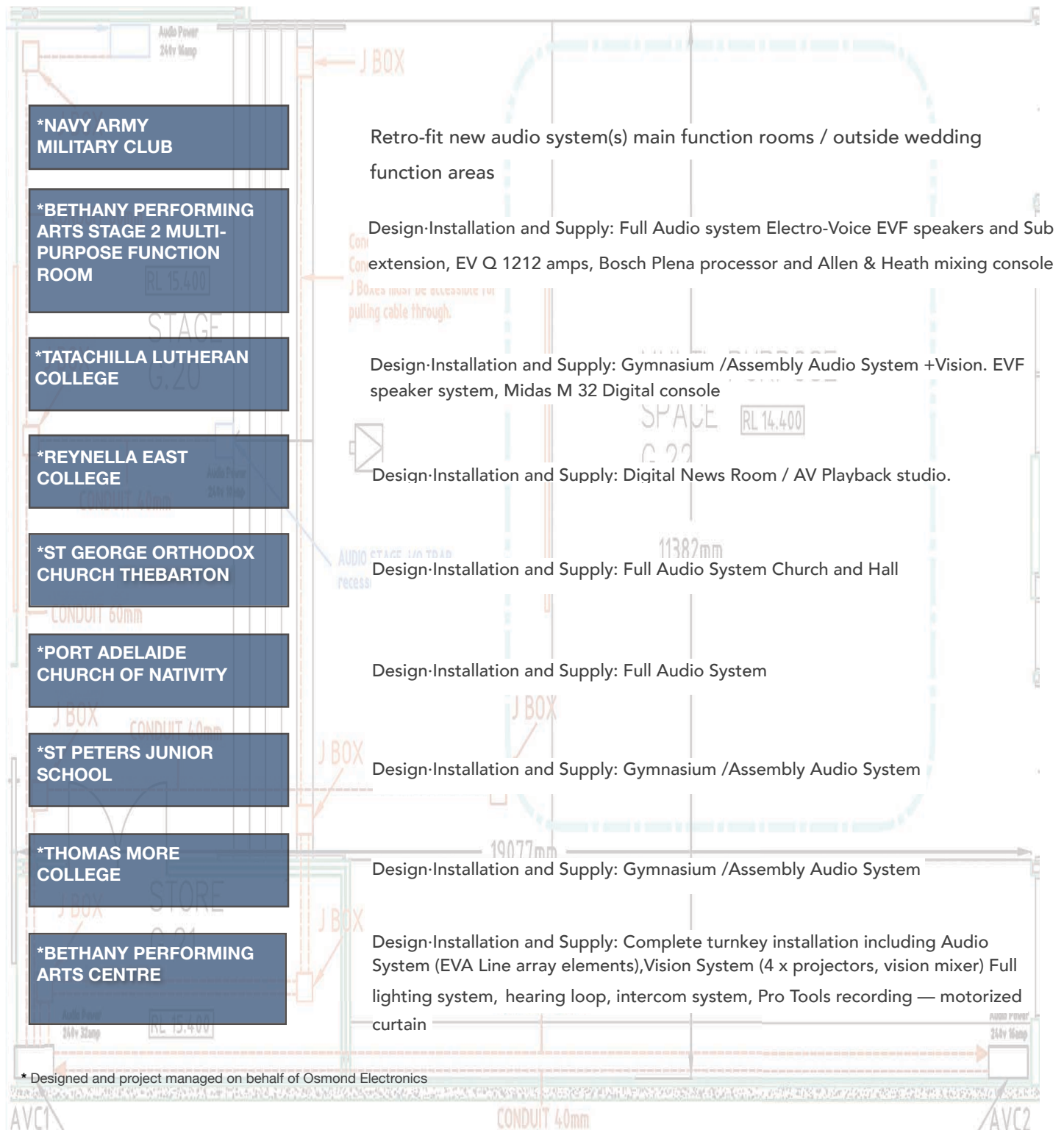
Design and Supply and Installation : Complete A/V and acoustic treatment solution:  
Electro-Voice ZX1i speakers Dynacord DSP amplifier - Primacoustics acoustic treatment.

### BB JAZZ CLUB HONG KONG

Design and Supply : Complete Speaker Solution: Electro-Voice EVF main left and right speakers, EV ZXli delay speakers, EV EKX Sub System, EV ZXA1 artist monitor system EV CPS Series amplifiers.



## PAST WORK





## FEATURED INSTALLATION

### BB JAZZ LOUNGE CENTRAL HONG KONG



### CENTRAL HONG KONG'S BB JAZZ LOUNGE PREMIER PERFORMANCE SPACE OPENS WITH A FORMIDABLE ELECTRO-VOICE AND DYNACORD ARSENAL

Integrated Audio Solutions worked with a Hong Kong based team recently and completed the design and supply of an Electro-Voice/Dynacord high performance system at Central Hong Kong's intimate BB Jazz Lounge.

The collaboration with International Sound and Light (ISL) in Hong Kong overcame numerous challenges to create an environment that will consistently deliver all the power, subtleties and breathtaking acoustical dynamics of a live musical performance.

#### Design criteria

The club is situated in a multi-story building in Central Hong Kong. The range of acoustical challenges included the ceiling heights of 2750 mm (2.75 m) and problems associated with the room's reflective, exposed air conditioning ducts and beams. Critical to overall design was the choice and placement of the main front of house speakers and delay speakers. The team had to take into consideration the audience site lines as the table seating is formed into a rectangle around the sides of the stage.

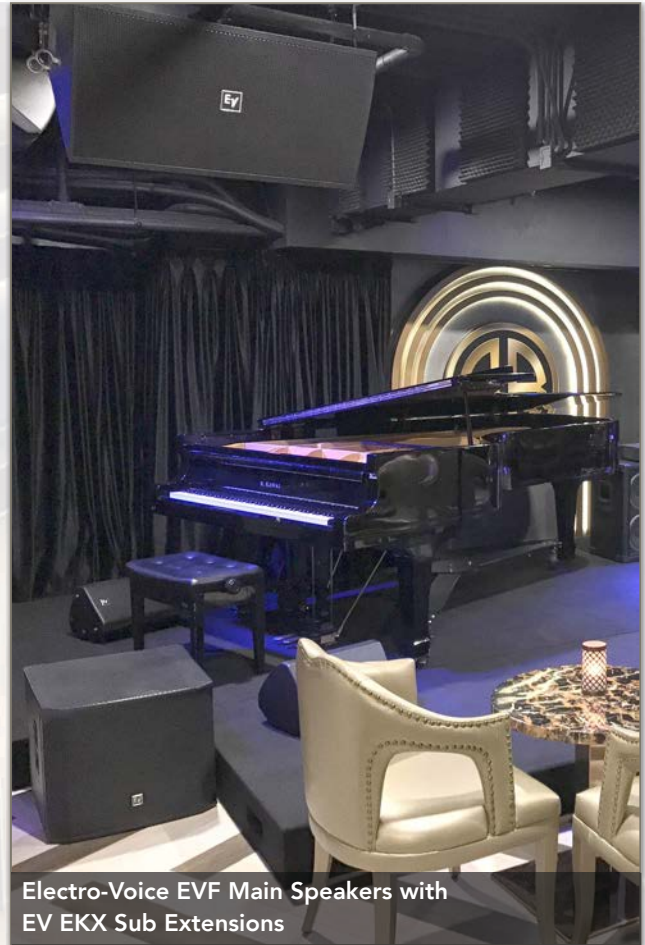
Following extensive consultation with Joao Fonseca project manager for ISL Integration a collaborative performance design was established. Integrated Audio Solutions proceeded to implement a full CAD speaker dispersion plan to realise the quantity and accurate placement of the speaker design, overcoming any unwanted acoustical artifacts.



## Speakers

The speaker acoustic solution design was based around the Electro-Voice Innovation product range, allowing for an extensive range of performance matched options. The Electro-Voice Innovation series design tool box options allows for a selection of rotatable wave-guide patterns giving excellent tapered dispersion capabilities of the upper frequencies, controlling the pattern under the problematic air-conditioning ducts and beams while at the same time, maintaining a small, yet high output performance footprint to overcome the limitations imposed by the relatively low ceiling height.

The final design called for two Electro-Voice EVF1222S (2) left/right main cabinets and two (2) Electro-Voice EKX-15S subwoofer extension cabinets aligned to the EVF main speakers. The CAD predictions dictated that an Electro-Voice ZX1i speaker be added to fulfill centre fill image duties. This speaker was specifically chosen for its small footprint and excellent high powered performance. The EV ZX1i were again chosen for the delayed fill speakers for the various table seating and lounge areas. This configuration offers an extremely versatile mounting system (SAM) and with its compact size allows for the speaker placement in very tight and challenging positions.



Electro-Voice EVF Main Speakers with  
EV EKX Sub Extensions



Electro-Voice ZX1i Centre /  
Delay Fills



### Artist stage monitors

The monitor system comprises of six (6) low-profile Electro-Voice ZXA1 self-powered speakers. The EV eight inch (8inch) "hot-spot monitors" where an ideal choice given the room's space restrictions. They allow for the control of any monitor stage spill into audiences areas, giving a heightened appreciation and a clearer overall audience experience of the stage performance.



Electro-Voice ZXA1i Compact Low-Profile Powered



I am very pleased we ended up choosing Electro-Voice. In collaboration with Kostas Psorakis and Adam Budgen from Integrated Audio Solutions we designed a system that would not only give pristine fidelity and sensitivity for the jazz performances, but also ample even coverage throughout the venue.

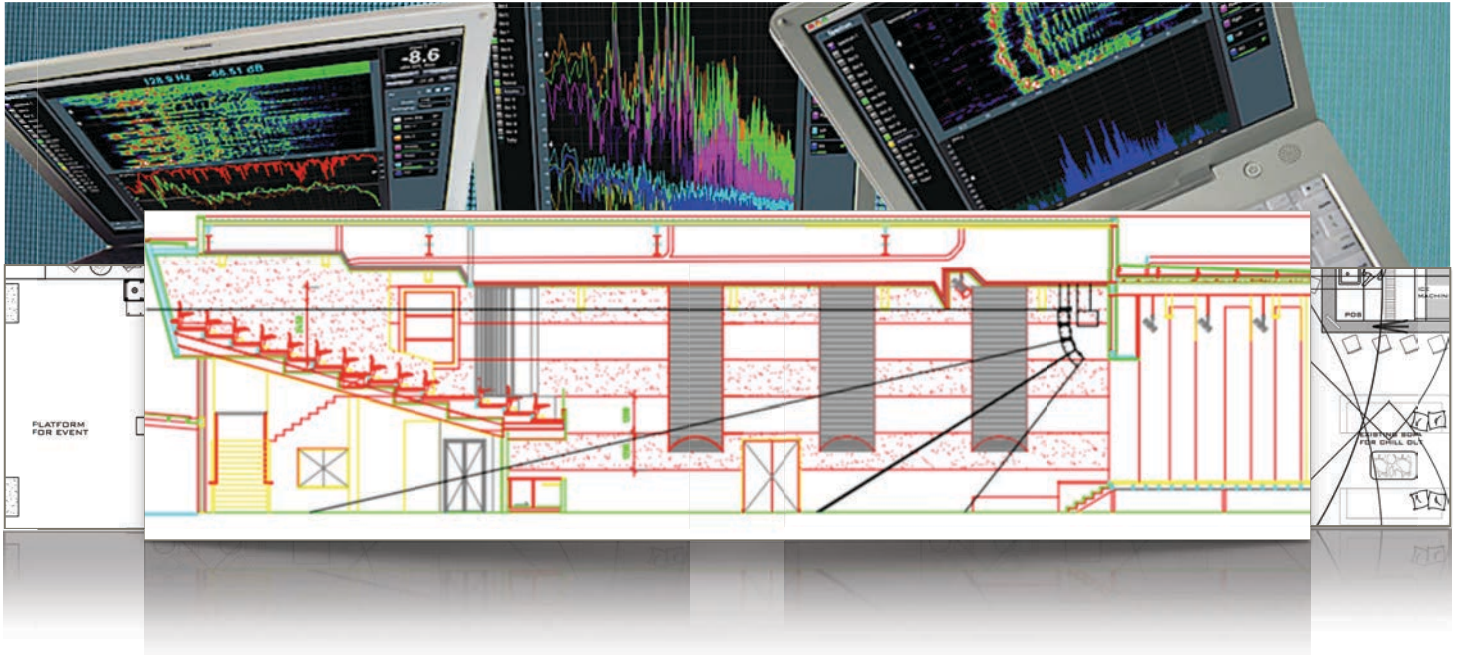
Adam's CAD drawings analysis accurately placed the speakers, allowing for speaker waveguide types to be chosen, proving the exact coverage angles we needed to minimize the problematic reflections from the air conditioning ducts and beams due to the low ceiling height restrictions .

The consistent voicing between the EV EFV's, EKX sub extension and the ZX1's makes the system very balanced from the get go — the system tuning task was minimal.

All in all the installation process was rapid and with ease, especially with the ZX1i's and their elegant mounting bracket. Overall, I am very satisfied with the performance of the system and the support we received from Integrated Audio Solutions, we will definitely be looking at using the Bosch group of products for our upcoming projects.

Joao Fonseca  
Project Manager  
ISL Integrated AV Solutions  
Hong Kong

## DESIGN AND INSTALLATION



**WE STAND BEHIND THE QUALITY OF OUR DESIGN AND INSTALLATION AND ARE CONFIDENT THE FINAL PRODUCT WILL EXCEED EXPECTATIONS**

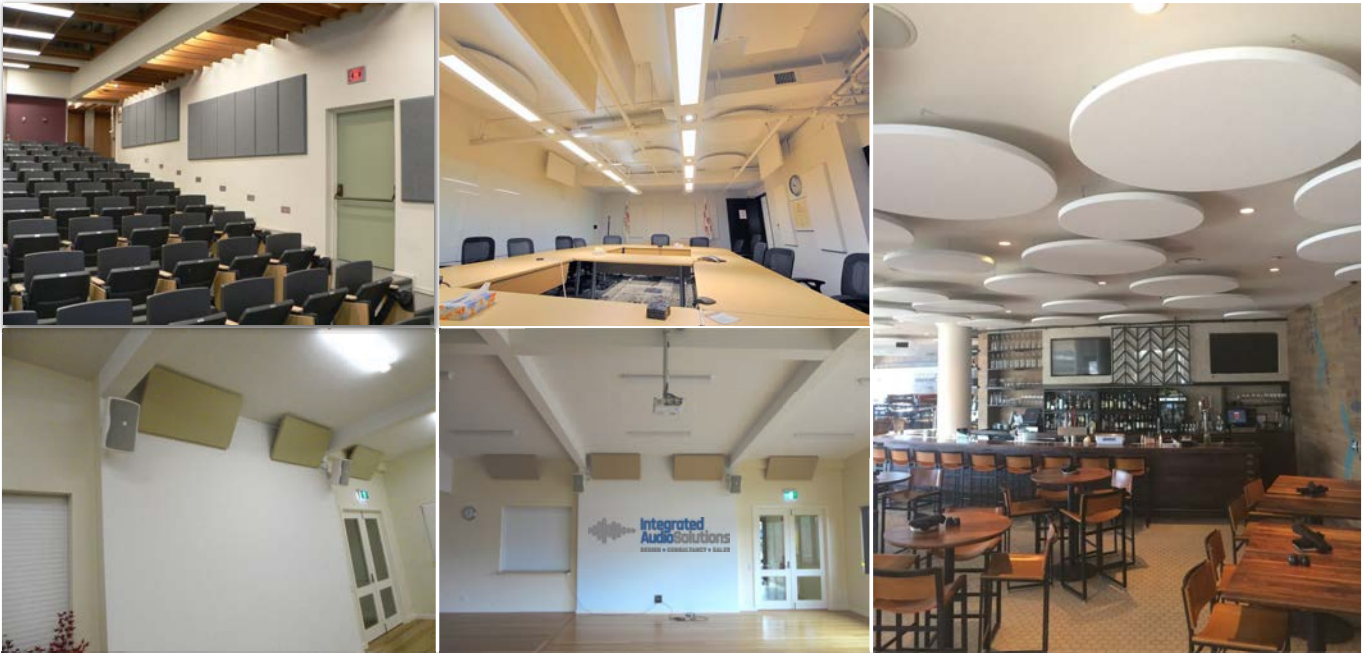
Integrated Audio Solutions' collective group of engineers and consultants create comprehensive design packages utilising the mediums of audio and video technologies to maximise the sensory impact of a venue. All aspects of the systems will be accurately detailed in the design package and will be competitively priced. A final proposal will be presented and can serve as the template for the actual installation. As an added convenience all gear can be purchased directly from Integrated Sound Solutions as we are also an authorised dealer for the equipment we represent.

Integrated Sound Solutions goes to great lengths to work with designers and architects to ensure that a convergence exists between the design of the environment and the performance of our entertainment technology systems. Past projects range from high-profile schools such as Tatachilla Lutheran College, Bethany Christian School, Reynella East High School, Odeon/Patch Theatre and the Navy Army Military Club. Every project is considered as long as there is a fundamental commitment to a high quality system.

Proper installation is instrumental to the performance and reliability of any audio and visual system. Selecting Integrated Audio Solutions to perform the design and installation of a system, will ensure dynamic realization of the design and the time proven equipment choices as well as minimizing the potential repairs leading to down time.



## ACOUSTIC TREATMENT SOLUTIONS



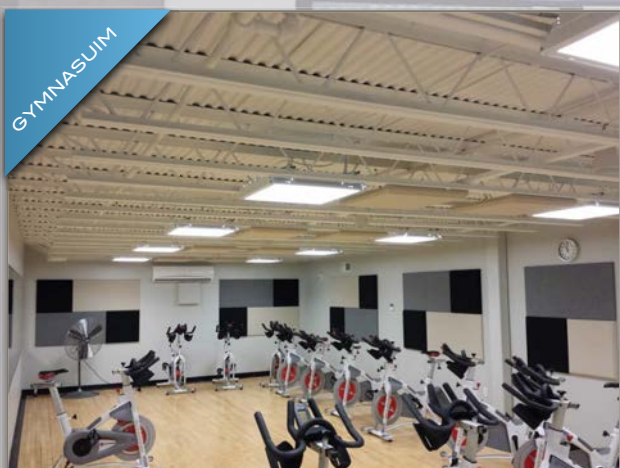
Primacoustic provides cost-effective, simple and attractive solutions to address a variety of acoustical concerns. In most cases, absorbing sound energy is the key to creating the soundscape that provides effective communication. Integrated Audio Solutions exclusively use Primacoustics solutions, featuring glass wool material, allowing for excellent absorption properties (some of the highest rated in the industry) and certification for fire ratings to Australian Standards AS/NZS 1530.3.

### Key Features

- Eliminates excessive reverberation, creates more comfortable environment
- Lowers room noise which vastly improves intelligibility and communication
- Enables the PA system to perform properly for greater enjoyment
- Makes it easier for those that are hearing impaired to comprehend the message

## ACOUSTIC SOLUTIONS TO IMPROVE THE INTELLIGIBILITY FOR STUDENTS PATRONS AND EMPLOYEES

Hard surfaces such as gypsum walls, windows, tile floors and metal ceilings reflect the sound of voices, background music and production noise back into the room creating a dense reverberant field. Primacoustics acoustic solutions will improve the performance of the background music system, also improving the communication between patrons, students and employees.



Please call for a no-obligation site visit to discuss a solution that tailors to your facility  
Kostas **M** +61 412 929 494 **P** +618 7200 6991





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**WE WELCOME YOUR INQUIRY**

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