

PC Audio Visual
Technology and Installation Specialists

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Services Available



AV INTEGRATORS
CONSULTING
SALES
INSTALLATION
SUPPORT

AUDIO VISUAL SOLUTIONS
TO MEET YOUR
INDIVIDUAL NEEDS

WE PROVIDE FIRST CLASS
SERVICE, INCLUDING TRAINING
VIDEOS AND AFTER SALES
SUPPORT



Unilumin LED Panel Installation

Scope:

Client required to project an image on a larger scale with excessive external light.

Solution:

- Installation of Unilumin U Slim 3.9-pixel pitch 500 x 1000mm display LED panels and dB Technologies audio.
- The use of the LED panels in this multi-purpose space with excessive external light provided not only a large screen projection but also a clear image not distorted or diminished by the external light around the panels with minimum impact on the space.
- Along with the addition of the dB Technologies speakers that assists with the video or presentation being projected.



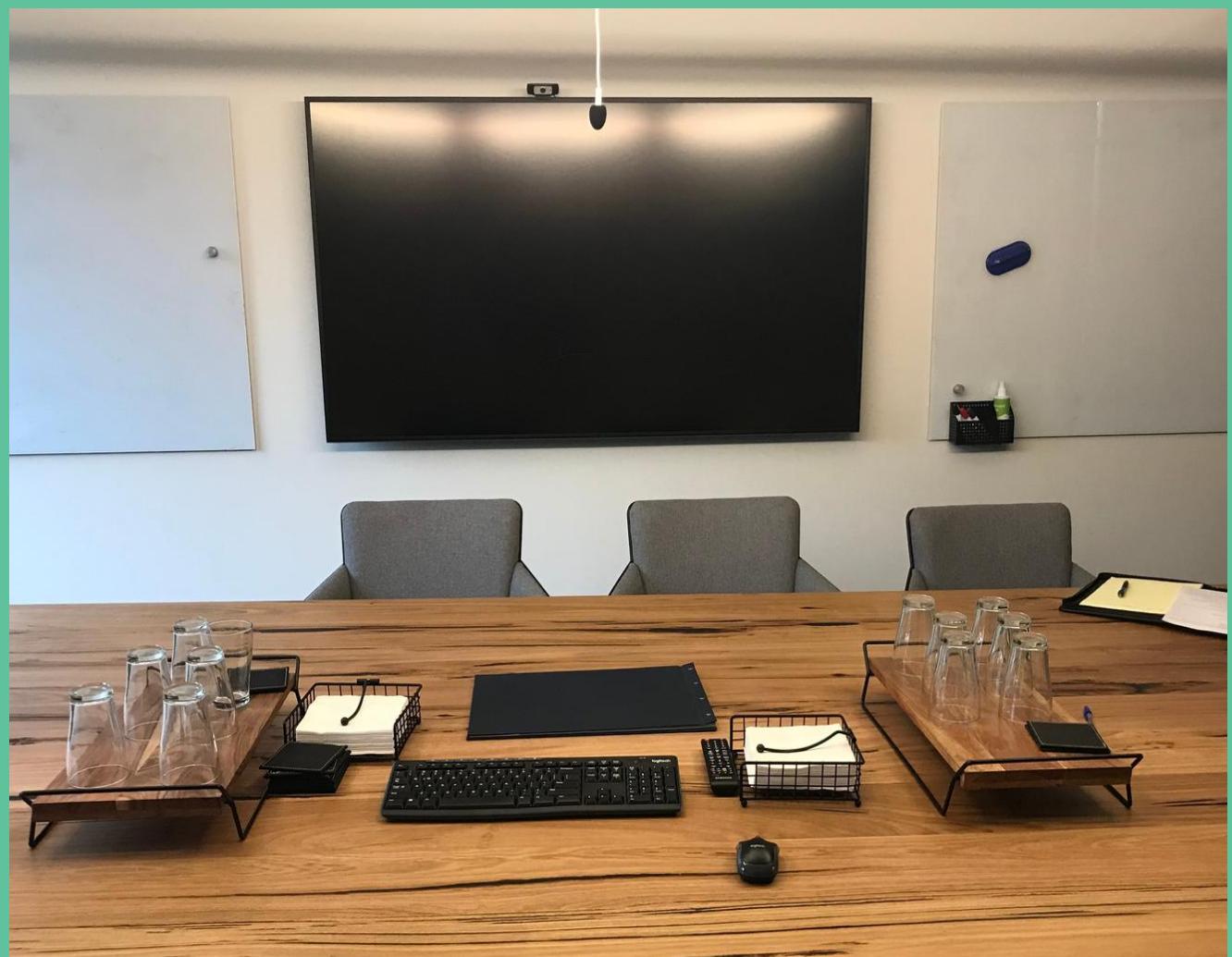
State of the Art Audio System Installation

Scope:

Provide audio ranging from complete school assemblies to school theatre productions.

Solution:

- Installation of d&b audiotechnik line array sound system, Midas M32R digital mixing console and Ashley DSP processor.
- With the design of the system this allowed the school to control the audio either via a wall mounted control panel, the digital mixing console or via the I Pad app we customised for the client.
- As with all installations we provided onsite training on the system and ongoing support.



Boardroom / Conference Room Installation

Scope:

Provide wireless connection with clients via video link

Solution:

- Installation of video conference system
- Installation of 1 x Logitech Video Conferencing system with ceiling microphones
- 65" screen and wall mount bracket with the added option of a wireless universal mirroring connection to the system, ideal for this type of meeting room.

Components:

- Logitech C930E Business Webcam
- AirServer Wireless Presenter
- Affinity Plus In-Desk Connection Panel
- HDMI HDBaseT Transmitter & Receiver
- Sony Bravia 65" Pro Series Screen & Wall Mount Bracket

Large Screen Installation

Scope:

Client required to project an image on a larger scale

Solution:

Installation of 2 x Epson EB-L1505UHNL Laser Projector - WUXGA - 12000 Lumen projectors with 2 x 250" Screen Technics ElectriCinema Motorised Screens and dB Technologies audio.

The use of the laser projectors across the multi-purpose centre with the 250" Screen Technics ElectriCinema motorised screens provided both large screen projection with minimum impact on the space.

Along with the addition of the dB Technologies speakers that assists with the video or presentation being projected.

Components:

- 2 x Epson EB-L1505UHNL Laser Projector - WUXGA - 12000 Lumens
- 2 x Epson ELPLM07 Middle Throw Zoom Lens
- 2 x Screen Technics ElectriCinema D 250" Motorised Screen - Image Area: 3365h x 5385w
- 1 x Crestron Touch Screen AV Control System



Audio-Visual System Installation



Scope:

The brief for the works was to provide a simple turn key solution that would allow an array of individuals internal and external to operate the system.

Solution:

Complete Audio-Visual upgrade of clients existing system and components

Our solution was to install Crestron control equipment to provide a simple touch screen interface between the presenters and the Sony Bravia 65" screens in each of the five rooms, as well as the ability to broadcast the projected image and audio to additional rooms.

Crestron is a world leading manufacturer of advanced control and automation systems Offering integrated solutions to control audio, video, computer, IP and environmental systems.

Components:

- Sony Bravia 65" 4K UHD LED Screens
- Crestron 7" Touch Screen Interface in each room
- Crestron CP3N Control System & Associated Components



Church AV System Installation

Scope:

Provide a visual solution that works in the confines of a heritage church

Solution:

Ultra Short Throw Projection with Motorised Screens

By installing Ultra Short Throw projectors with side tension motorised screens mounted on customised frames we were able to conceal the units to either side of the church without altering the aesthetics of the church, to provide ease of use we designed the system to allow external HDMI input for those occasion where a third part wishes to projector images of a loved one.



Educational facility Quadrangle State of the Art PA System

Scope:

Provide an audio solution that will provide complete coverage over the entire quadrangle.

Solution:

Soundtube HP1290i 12" Coax with BroadBeam® open ceiling speakers.



Due to the design of the HP1290i 12" Coax with BroadBeam® open ceiling speakers with the dB amplifiers and associated components the system allowed the school to hold complete school assemblies without having the issue of any audio dead spots, used in conjunction with wireless microphones with external remote antennas this also provided the ability of running Q & A sessions.

Sound Masking Installation

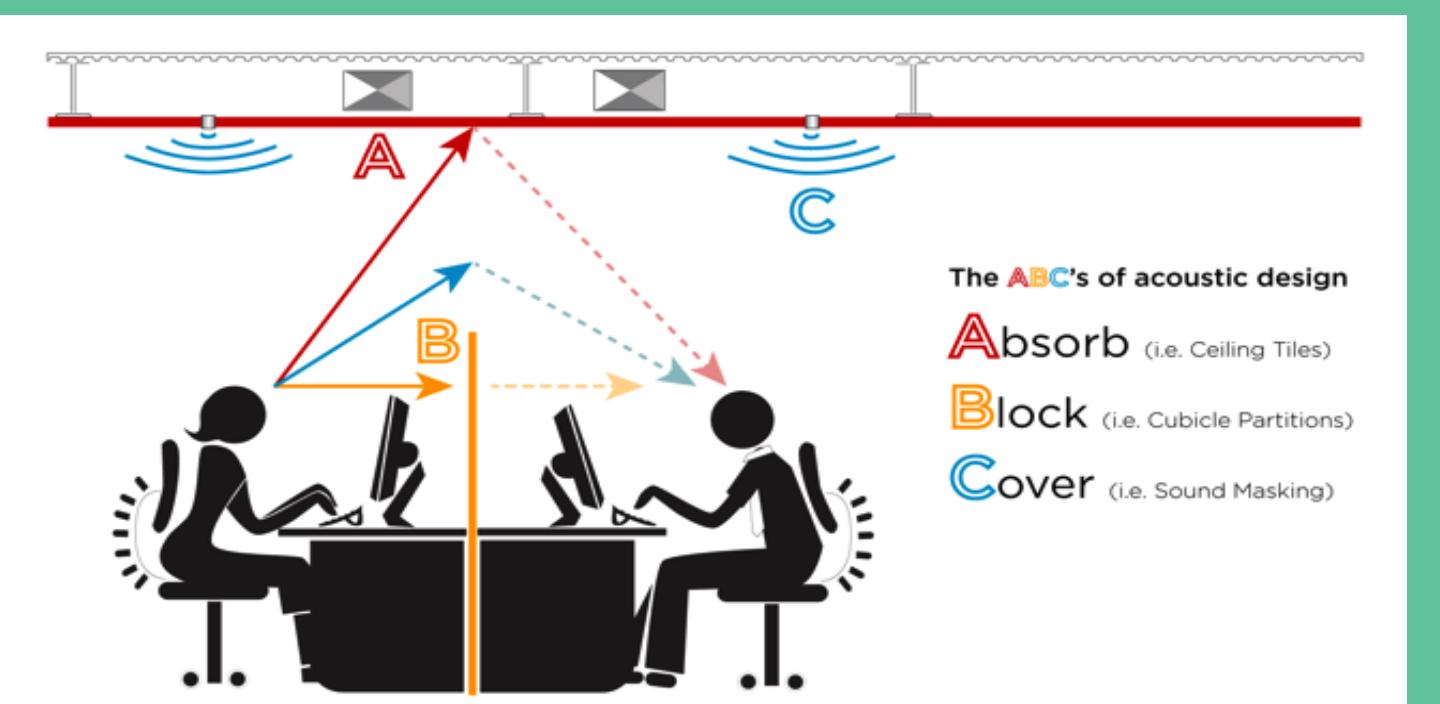
Scope:

Reduce the effect of background noise in the workplace.

Solution:

Installation of Cambridge Sound Management equipment to reduce the transfer of speech throughout the open plan office and meeting rooms.

Installation of the Qt Pro system uniformly disperses the masking sound into the workplace and eliminates unwanted sound/speech overflowing into undesired areas. The pre-tuned masking sound is emitted through four sequenced channels that eliminate acoustic interference. Additionally, the system delivers more energy in the octave bands that are related to speech, resulting in a more energy efficient system that successfully masks speech at lower volume levels.



Hearing Loop



Hearing Loops

A hearing loop (sometimes called an audio induction loop) is a special type of sound system for use by people with hearing aids. The hearing loop provides a magnetic, wireless signal that is picked up by the hearing aid when it is set to 'T' (Telecoil) setting.

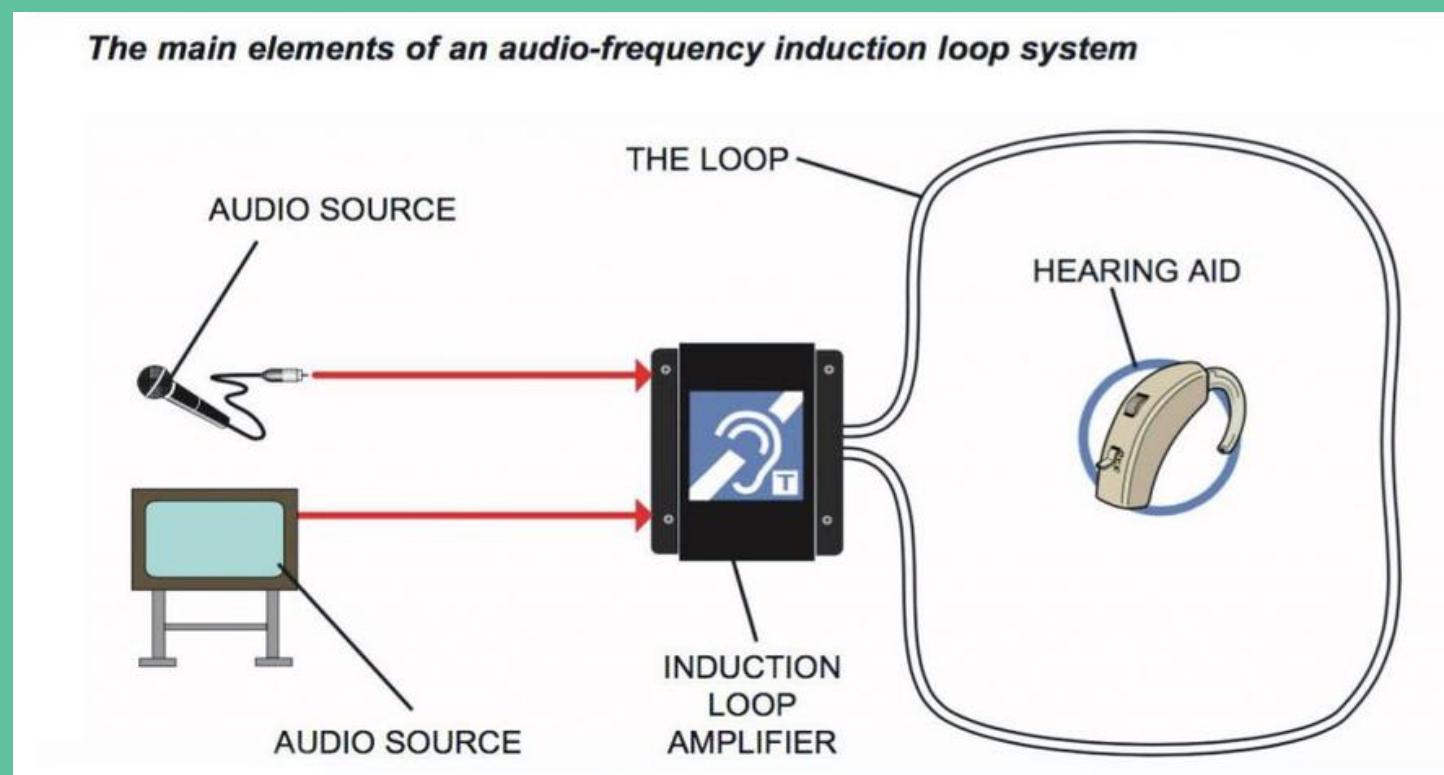
The hearing loop consists of a microphone to pick up the spoken word; an amplifier which processes the signal which is then sent through the final piece; the loop cable, a wire placed around the perimeter of a specific area i.e. a meeting room, a church, a service counter etc to act as an antenna that radiates the magnetic signal to the hearing aid.

Hearing Loop Coverage

Where an induction loop is provided, it must cover at least 80% of the floor area of the room or space that is served by the inbuilt amplification system. For hearing augmentation systems using audio receivers, such as IR or FM transmitter / receiver systems, the system must cover at least 95% of the floor area of the room or space served by the inbuilt system, and a minimum number of receivers must be provided in a ratio depending on the number of people who may be accommodated in the room.

Why use a hearing loop?

- Cuts out unwanted background noise
- No need to use a receiver/headset
- Sound goes directly into the hearing aid
- Can be used by anyone with a compatible hearing aid
- It is inconspicuous
- Cost effective
- Any number of users can use the system



System Health Check

A system health check identifies the inconsistencies, irregularities and inefficiencies that are causing an organisation's system to operate ineffectively. A thorough systems health check help discover opportunities to increase productivity and reduce costs.

The PC Audio Visual systems health check provides businesses with a comprehensive report on:

- Hardware status
- Software licenses
- End-of-life milestones
- Future readiness
- Capacity planning

If you are experiencing constant issues with your system and or are worried about the downtime being spend by your staff; our team can conduct a comprehensive systems health check.

Systems health check methodology

- **Determine existing system capacity**

As the first step, we will sort and prepare a digital inventory of your existing equipment. We will assess its capacity; analysis the life and scalability of each component is also performed.

- **Test reliability**

This phase of systems health check includes analysing and testing the reliability and performance of an existing system. Our technicians will compare your system performance with industry benchmarks, investigate past issues and explore methods of improving performance.

- **System Report**

At the end of our comprehensive system health check; a report is generated in line with the industry best practices taking into account the future readiness of the existing components. This report details the status of existing infrastructure, lists hardware that is nearing end-of-life and include recommendations.

Call the PC Audio Visual on 1300 849 735 to book a systems health check