

## Visit the stunning Piazza at Overnewton College and you'll see our innovative projector and screen design



**Overnewton Anglican Community College is a dual campus, co-educational, Prep to Year 12 College with campuses in Keilor and Taylors Lakes in Melbourne's North West. Producing consistently high academic results, Overnewton is a premier, mid-fee, independent school open to all denominations.**

DIB Australia were recently commissioned to design and install audiovisual systems across the New Junior Building at the Taylors Lakes Campus.

This included installing an EPSON EB-1485Fi Laser Light Source, Interactive Projector

with 5,000 ANSI Lumens of Brightness and Full HD Resolution into multiple rooms.

We also installed 2 x No Touch: Philips Q-Line, 65" UHD Commercial monitors into teacher prep rooms.

Features of the Phillips Q-Line include:

- UHD 4K resolution
- Android OS
- Slim neat design
- RS232/IP control
- 2 x HDMI, DVI-D, VGA inputs
- 24.8kg
- 400 x 400 VESA Mount

Moving beyond the classrooms, and teacher prep rooms, there is one area to this installation that is, without doubt, a highlight.

**READ MORE ON PAGE 2 AND 3**

For more information, please visit <https://bit.ly/3KdiLuq> or scan the QR code below.



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# Overnewton College and that dramatic Piazza...



That is the Schools Piazza, and the installation of an In-Ceiling Projection System with medium area audio system.

This campus is visually stunning and the Piazza is the crown jewel of a beautiful space for teachers and students alike.

In the Piazza we selected an Epson EB-L610U Laser Light Source installation projector, complete with 6,000 ANSI Lumens of brightness, WUXGA Full HD Resolution, network management port and 5 year warranty.

We also installed a Screen Technics Interfit Projector Lift. This is a ceiling recessed motorised lifter which lowers the projector from within the ceiling into position for operation. This lift can house a projector of maximum size 508W x 508D x 175H with a maximum drop of 280mm. This

lifter will be integrated with your control system. When not in use the projector retracts into the ceiling for a very neat room appearance and increased security.

We also designed, built and installed a pre-fabricated ceiling recessed screen housing. This housing was fixed into the ceiling space to allow for the installation of a motorised screen from below. The motorised screen lowers through a thin slot and retracts from within your ceiling space concealing it from view and damage. These housings are normally finished powder coated white.



Teacher Prep Room



The screen itself is a motorised Grandview Smartscreen 140" 16:10 Projector Screen. We also integrated this screen into the AV control system.

The Piazza Installation was rounded out with an Australian Monitor Mixer/Amplifier and Community Pro Audio Speaker System comprising a 6 mic/line input mono mixer (AM HS120) with a constant voltage (100V) amplifier and 6 x CS6 commercial-grade ceiling speakers.



Grandview Smartscreen 140"



EPSON EB-1485Fi 5,000 ANSI FHD (1080p) Interactive LASER Projector

For assistance with your school's audiovisual requirements, do not hesitate to contact a **DIBAV Solutions Consultant** today via [info@dibaaustralia.com.au](mailto:info@dibaaustralia.com.au) or **03 9457 4800**.

For more information on this project please visit <https://bit.ly/3KdiLuq> or scan the QR code below.



# Commbox Cadence



## Commbox Cadence

## Key Features

Introducing a brand new motorised stand from CommBox. The CommBox Cadence Stand

Create a professional and modern classroom or boardroom environment with the CommBox Cadence motorised stand. The versatility means it can be converted to a fixed free-standing, motorised stand using the floor mount conversion kit.

It offers powerful features, including motorised height adjust supporting the home and two pre-set levels. Designer 100mm castors make it easy to manoeuvre through doorways, and internal built-in cable management keeps cables hidden and organised.

- Electronic height adjustment with buttons built into the stand
- Home, and 2 preset heights allow you to store your favourite height settings
- Strong castors on a stable wheel base that can travel over doorways=
- Elegant yet functional design
- Suits Interactive and Display screens from 55" to 86"
- Vesa pattern range 200x200 - 800x600
- Built in shelf for laptops, keyboard or mouse
- Lockable castors
- Internal built in cable management for power and ethernet
- Suits corporate or educational settings

The CommBox Cadence is stable and robust with an elegant and functional design and can mount up to an 86" touchscreen or display.

## INTERESTED IN KNOWING MORE ABOUT THE COMMBOX CADENCE STAND?

For more information on the products featured in this article and which device will suit your requirements please contact a DIB Solutions Consultant at **9457-4800** or scan the QR code.



# Good things come in threes for Trinity Grammar



**Trinity Grammar School is an independent Anglican day and boarding school for boys, located in Kew in Melbourne, Australia.**

Good things come in threes for Trinity, and our recent audiovisual upgrade for the school is no different.

The Trinity Chapel is an incredibly important venue for the school and is used by both the Chaplain for in-school services and by the wider Trinity Community for weddings, funerals and other key celebrations. As a result - ensuring the event leader or presenter could get their visual or spoken message clearly to those in attendance - was mission-critical for our team.

The audio system in the chapel has been problematic for the school for some time. The school told us the audio is not always clear due to the large open space and setup of the old speaker system. The system was also not particularly easy to use with the traditional array of knobs and dials leading to great difficulty in getting the system to work well. The school also wanted to add some modern features which have become somewhat standard in premium

chapel spaces. This included the ability to record and stream services to make them more accessible to people that could not be there in person. There were also physical problems in the building such as the lack of HDMI connection at the front lectern and a mess of cables associated with the old system.

This was tricky to make good and DIB coordinated and managed the removal of carpet and the installation of a new floor box to make sure the space was effective for today and future-proofed. In doing so, we handled a significant pain point of long duration for the school's team.

It suited the school to have DIB Audiovisual manage the whole process from start to finish including any specialist trades needed. To help ensure we did not encounter any extra unforeseen 'excitement' we arranged for the concrete to be scanned to try and avoid any services that might be hidden in the concrete.

Hitting these could trigger a mess and even a costly repair if neglected.

Upgrading an existing system always require a deeper level

of understanding to help ensure the new design will work well. It would be EASIER to just remove all and start again with a new design, but this can be wasteful and our team not only doesn't like waste, we pride ourselves on sustainable solutions.

We're happy to use our highly regarded experience and expertise to plan what parts can be re-used and what cannot and then to integrate that into a central good design incorporating the old and the new.

The Trinity team tell us that they find it simple to work with us. We have worked together on many of their other complex spaces. We've developed a strong reputation with the school and they had confidence that our design incorporating a simplified touchscreen interface would make the system super simple and therefore more usable.

Key products used in the job were:

An Extron control system including the 7" touchscreen control panel. An Extron DSP which is the core of the audio control system. As well as an Extron SMP-351 streaming media process that supports

the recording and streaming capabilities. Also key to this system were the main front of house speaker, the FBT Vertus, DLA1244A. This specialised speaker is a digitally steerable column array speaker and is very effective in reverberant spaces. It allows the specialist installer to focus the audio and ensure a high-quality outcome.

This was coupled with a sub-woofer (CLA208SA) carefully hidden amongst the chapel joinery and a pair of smaller FBT 550BT speakers to help fill some small wing areas. An outside audio zone was also provided for use during larger events, easily activated via the Extron control panel and comprising an FBT shadow 105T speaker.

For more information, use this link <https://bit.ly/3plGD1c> or scan the QR code in this article.





# Inside Skinny on an Outdoor Display - St Michael's



**If you want an outdoor display screen, you face a number of unique obstacles not encountered indoors.**

**The team at DIB Audiovisual are pleased to share the inside skinny on a recent project where we installed screens both indoors and outdoors for St Michael's Grammar School.**

The first challenge is light. No surprise there is a lot of it outdoors. To compensate, you need to choose a very bright screen so it will still be visible, even in bright ambient light.

We recommended a Samsung 55 Full Outdoor rated display, complete with a custom-fabricated outdoor-rated bracket to ensure the display didn't fall off through simple rusting of a cheap mount in the future. This display has a super high brightness of 2500 Nit (typical indoor displays approx 350 Nit).

The display is also optimised for polarised and normal glass wear

as worn by people outdoors and features a toughened 5mm glass front design to withstand a range of impacts including limited vandalism attempts. Being exposed to a wide range of temperatures good quality outdoor displays feature active cooling systems to provide for operation range between sub-zero and high 50 degree celcius temperatures.

Inside the school, we installed displays in a number of open spaces for signage and some combined learning and signage spaces (Samsungs QET range were generally used). In St Michael's instance they are making use of MagicInfo lite and so the Samsung screens chosen allowed for this.

Consideration was given in dual purpose areas for local inputs such as Vivi and Apple TV as well as local HDMI and Magic Info Lite, all controllable via a simple wall controller.

Open spaces were complimented

with JBL soundbar technology to provide for a neat aesthetic and functional user experience.

So that is the inside skinny on an outdoor display.

For more information please call DIB on (03) 9457 4800.

**NEED INDOOR OR OUTDOOR DISPLAYS AT YOUR SCHOOL? CONTACT US!**

For more information about this project, please visit <https://bit.ly/3tzWz6X> or scan the QR code below.





# Siena Jubilee Building Refurbishment

**Siena College was established in 1940 as an independent, Catholic school for girls in Years 7 to 12. The Dominican Sisters who founded the College built a school where young women could follow their academic and cultural interests, believe in their potential and become passionate lifelong learners.**

The College motto is Veritas, which is Latin for Truth. In communication, truth is critical, and the quality of the communication can make the truth more real for the recipient.

Our team were delighted to help the school with a major refurbishment of their audiovisual infrastructure throughout the Jubilee Building.

This consisted of removing and reinstalling existing equipment and in particular the design and install of a range of new technology for a Lecture Space.

In the Lecture Space, a new EPSON EB-1485Fi Laser Light Source, Interactive Projector with 5,000 ANSI Lumens of Brightness and Full HD Resolution was

chosen. This will allow the Lecturer to annotate and capture notes written on the whiteboard during the presentation. A touch control panel was also selected in this space for simple control from the Lectern. Along with the control processor, audio control processor & digital vision matrix processors, the presenter has full control of the audio for the wireless & lectern microphones and the projector.

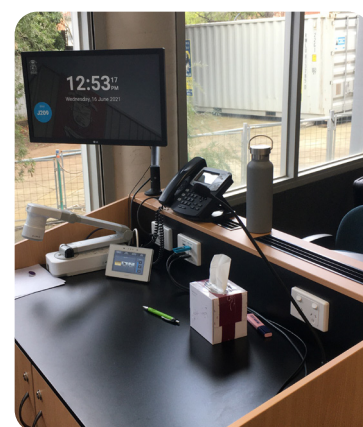
During the design consultation the Epson ELP-DC21 Visualiser was chosen to assist with the presentations. This flexible product enables users to turn their existing projector into a fully interactive education creativity tool. It comes with bundled advanced application software, an incredible zoom module and users can take advantage of features such as live annotation, video recording with audio, image capturing and the time-lapse function.

Also selected was a ceiling-mounted Lumens VC-A51S PTZ Camera system. This camera was installed at the back of the room and integrated into

a Media player that enables software based Conferencing applications such as Zoom to be accessed via the user's Laptop. Control of camera functions can be performed via the Extron TLP-520M Touchscreen Control System with the choice of multiple preset positions.

The room also features products such as the Sennheiser Evolution G4 - Handheld Supercardioid premium microphone system. As well as an Extron DMP 44 LC Audio matrix processor. The Extron audio DMP allows the audio inputs from the Projector, H/Held Microphone & Lectern Microphone to be controlled via the Touch Control panel and also allows the levels to be reset to a default level decided upon with the client during commissioning.

Another featured product is the Extron IPCP Pro 350 IP Link Pro Control Processor. The Extron IPCP Pro 350 is a versatile, high-performance control processor designed for centralized AV control in mid-sized applications and includes serial control & relays.



The IPCP Pro 350 is an ideal choice for controlling multiple devices and signal types within an AV system.

The system is complemented by an Extron TLP Pro touchscreen solution. The 5" touchscreen is secured to the Lectern and set up to provide very intuitive simplified control of the complete audio visual system.

For more information please call DIB on (03) 9457 4800. For more information about this project, please visit <https://bit.ly/35AQkYG> or scan the QR code below.





# Plan Ahead to Avoid Equipment Delays



Photo by Cameron Venti on Unsplash

**Apart from the disruptions to our lives, school and work due to the Pandemic there have been other issues such as distribution and supply.**

The DIB Audiovisual team would definitely recommend that you increase your planning schedules and get started as soon as possible on future AV works requirements..

There are serious manufacturing and distribution delays on many leading brands and products commonly used in Audio Visual installations.

We are currently advising customers (as of Mar 2022) of product lead times up to a maximum of 6 months - this is traditionally unheard of in our space.

Part of this is due to lockdowns of manufacturing sites.

Part of it is due to shortages of sub-products such as IC chips.

Part of it is due to a worldwide shortage of ships and containers.

Soaring demand for physical goods thanks to government stimulus, coronavirus travel restrictions, more time at home and a global shortage of cargo containers has increased congestion and delays at the world's ports and pushed up shipping costs.

In fact, the cost of shipping containers has risen more than 500% in some parts of the world.

Here are some tips from our team to assist you.

Bring forward design and specification of audiovisual systems in any renovation or build project planned.

Lock in quotes as soon as possible so products can be set aside or forward ordered for you.

Increase speed of decision making to avoid prices rises which have been more regular recently.

Organise meetings to coordinate between your architect, builder, our design team and your school or organisation project manager.

We are here to support your project and will do our best to optimise product supply, but costs and schedules are blowing out more than would be normal at present.

For more information about your planning schedules and on manufacturing and distribution delays, we recommend you speak with your consultant or call us on (03) 9457 4800.



# Meet the DIB Audiovisual team



## James Ridd

1. What is your role at DIB?

Solutions Consultant

2. How long have you been at DIB?

16 years

3. What do you love about audiovisual technology?

The never ending advance in technology allowing constant improvements to installed systems. Also how big an impact AV has in a space. The AV always gets noticed.

4. What is your favourite recent project?

Always get a lot of job satisfaction on projects where you get to work with the client in the early stages of a building project and help achieve impressive results in their new or refurbished building. This can be quite challenging but is quite rewarding upon the completion of a project.

5. What is a fun fact about your life outside work that you'd be happy to share?

I took up Lawn Bowls 2 years ago and believe everyone should.

6. If you could have a superpower, which one would you choose and why?

Without sounding too cheesy, the power to end a Pandemic. No why, it is just really needed.

7. What does your ideal weekend look like?

A weekend away at a bowls tournament up on the Murray River somewhere.

**For more information on how our team can help your team please call DIB on (03) 9457 4800.**