

## Yarra Valley Grammar upgrades 40 rooms with the latest LED Touchscreen technology

Yarra Valley Grammar's inclusive, welcoming community is one families genuinely love and a place where students feel inspired to achieve their very best.

Yarra Valley Grammar was a large project DIB was proud to be a part of. With over 42 screens across 40 rooms, this was a big job that required consistency and attention to detail.

The project was completed in January before the new school year started. DIB worked with Yarra Valley Grammar to ensure the project was delivered in it's tight timeframe.

### A LARGE INSTALL OF OVER 42 DISPLAYS

Yarra Valley Grammar approached DIB to give them the latest in technology, including large, full commercial 4K displays for all areas.

These 4k displays will keep up with technology for years to come and require little maintenance.

One of the most pressing matters with the install was the timeframe. DIB made themselves accountable to get the project completed on time, with the need to complete the project before the school year commenced.



Many classrooms installed advanced capacitive touch wall control panels with future IP Monitoring and control included.

DIB has also included ongoing service and support with all CommBox screens backed by a full 5 years onsite warranty.

### 40 CLASSROOMS UPDATED WITH THE LATEST TECHNOLOGY

Our sales and install team went through every room and made sure the fitout suited the space for the most cohesive learning environment.

Our team paid particular attention to the needs of each room: drama rooms had different layouts to IT rooms and the library had a different layout to the gym. Even the individual classrooms, many of which are in the same block and have the same layout,

were given specific attention. Small details were given as much weighting as the overall project. Powerpoints were placed strategically for cord management and PC boxes were placed behind displays in discreet but accessible locations.

### THE LATEST 4K DISPLAYS IN THE IT ROOMS

The IT rooms in particular were given the latest 4K displays. These bright, vibrant displays are the new standard in picture quality, and will remain so for years to come.

Students can see the best possible version of their work, operating in the same industry standards as the workplaces they will be heading into.

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Phone (03) 9457-4800 or email us on [info@dibaustalia.com.au](mailto:info@dibaustalia.com.au).

For more information on this installation, please visit <https://goo.gl/SofVLN> or scan the QR code.



(Left) Commbox input plate with VGA, Audio, USB, and HDMI (Right) CommBox Joey 6 input system

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# Bargoonga Nganjin becomes an AV wonder

DIB Australia is proud to announce our involvement in the development of the North Fitzroy Council, known as Bargoonga Nganjin.

We worked with the Yarra Council on almost every room of this \$14 million job to implement cutting edge AV solutions.

Nothing was left out for the new library and the latest hardware was installed; from drop down projectors, to cameras, and the latest screens and interface panels in every room.

We worked on everything from seminar rooms to gaming corners for the kids. Everything in this architecturally designed space compliments the history and character of the North Fitzroy area.



## Childrens Casual Reading

The children's casual reading room was fitted with a large, curved display projector to improve visibility on the display from all angles, especially when children are sitting close to the projector screen.

### EPSON EB-G6070W LARGE VENUE PROJECTOR

The Epson EB-G6070W is designed to accommodate

for both concave and convex displays, giving the impression of a curved screen as seen here in the children's reading room.

The curved screen compliments the modern aesthetic of the building and fits within the existing space. A conventional TV or projector would require a flat wall and would not conform to the shape of the room.



Epson EB-G6070W Large Venue Projector with Lens Shift

## Community Rooms

The community rooms were designed as a meeting space for large groups. Anyone from special interest groups to seniors groups can use the space to meet up, have conversations, and collaborate.

### MOTORISED SMART SCREEN

The smart screen is synced with the Extron panel, when not in use the screen can lift into the ceiling to free up space in the community rooms.

The use of smart screens allows the community rooms to be more modular spaces. The displays drop down from the roof when in use,



Extron TLP Pro 520M 5" Touch Control Panel

and are out of the way when not required.

### EPSON EB-G6570WU 5200 ANSI PROJECTOR WITH SHORT THROW LENS

The short throw lenses can create a 130" screen from just

two metres away. The intensity of the projector at such a short distance also reduces the glare and fade on the screen that traditionally comes with projectors.

Being able to house the projector so close to the screen also reduces vibrations on the picture that can come with projectors over a long distance.

### EXTRON TLP PRO 520M 5" TOUCH CONTROL PANELS

The touch control panels were designed by DIB specifically for

the community rooms. The easy to navigate displays can be used for selecting what gets projected on screen and even for recording presentations that take place in the space.

### AUDIO AND VISION SWITCHING HARDWARE AND CONTROL SYSTEM INTEGRATION

The two community rooms can operate independently or be combined into a single large room, with the audio from microphones and displays being projected over both.



Grandview Motorised  
130" 16:10 Projector  
SmartScreen in a  
Recessed Housing.



## Seminar Rooms 1 & 2

Similarly, the two seminar rooms can be used independently or combined as one large space. Additional emphasis was placed on the acoustics and usability in the seminar rooms. Both have been designed to be accessible from both the audience and presenter's perspective.

### SCREEN RECESSED INTO A HIDEAWAY BOX

The recessed ceiling screen drops down between the two rooms when opened, creating a further space for displays and projections. When not in use, it rises back up into the ceiling where the collapsable walls fit in place.

### EPSON EB-G7000W LARGE VENUE PROJECTOR

The lens shift on the EB-G7000W allows the projector to be installed right next to the screen and project downwards without distorting the aspect ratio of the image.

The close fixture to the screen reduces picture quality loss that comes with vibration from

brackets and makes the image quality more stable.

### CAPTURE RECORDER

The capture recorder allows presenters to record their presentations in multiple displays. The can record themselves with the installed camera in the seminar rooms with their presentation next to them, or a picture-in-picture display with both themselves and their presentation on screen in the best possible picture quality.

### PROJECTOR LIFT

The projector lift houses the projector itself, and can lift up into the ceiling when not in use. The discreet housing also matches with the look of the seminar room, fitting with the design of the space when recessed for projection or lifted back up into the ceiling.

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Projector lift for  
Epson EB-G7000W  
Large Venue Projector



# Commbox 80" proves to be a Modern Classic for the Classroom



The Commbox Classic 80" screen

The simplicity and ease of use has cemented Commbox's place in the classroom with its 80" classic. This model builds upon the Commbox's past innovations to combine technology and education into an even richer experience.

### THE COMMBOX 80" CLASSIC FEATURES A BRIGHT, RESPONSIVE SCREEN

The Commbox 80" Classic has a colourful, sharp, and vibrant image thanks to its 4k resolution. The screen has enough picture quality to keep up with devices for its 17 year lifespan. The advanced glass in the Commbox gives the screen greater precision to register touches and interactions with the screen. You can drag objects around the Commbox friction-free with its smooth finish.

### LOW MAINTENANCE, LONG LIFE

The Commbox also boasts a maintenance free lifespan. There is no need to service or replace bulbs on the Commbox for the duration of its life. Install once and enjoy!

### MODERN DESIGN

The sleek design and round edges will make the Commbox fit into even the most modern classroom. Its finish is elegant but subtle, being able to fit in with the classroom without drawing attention.

### PLUG-AND-PLAY SIMPLICITY

The Commbox 80" classic works with any device, from Apple to Windows, with plug-and-play simplicity. Connect your device to the Commbox and it just works, without the need for drivers or calibration. The straightforward design means you spend less time playing with cables and more time giving great lessons.

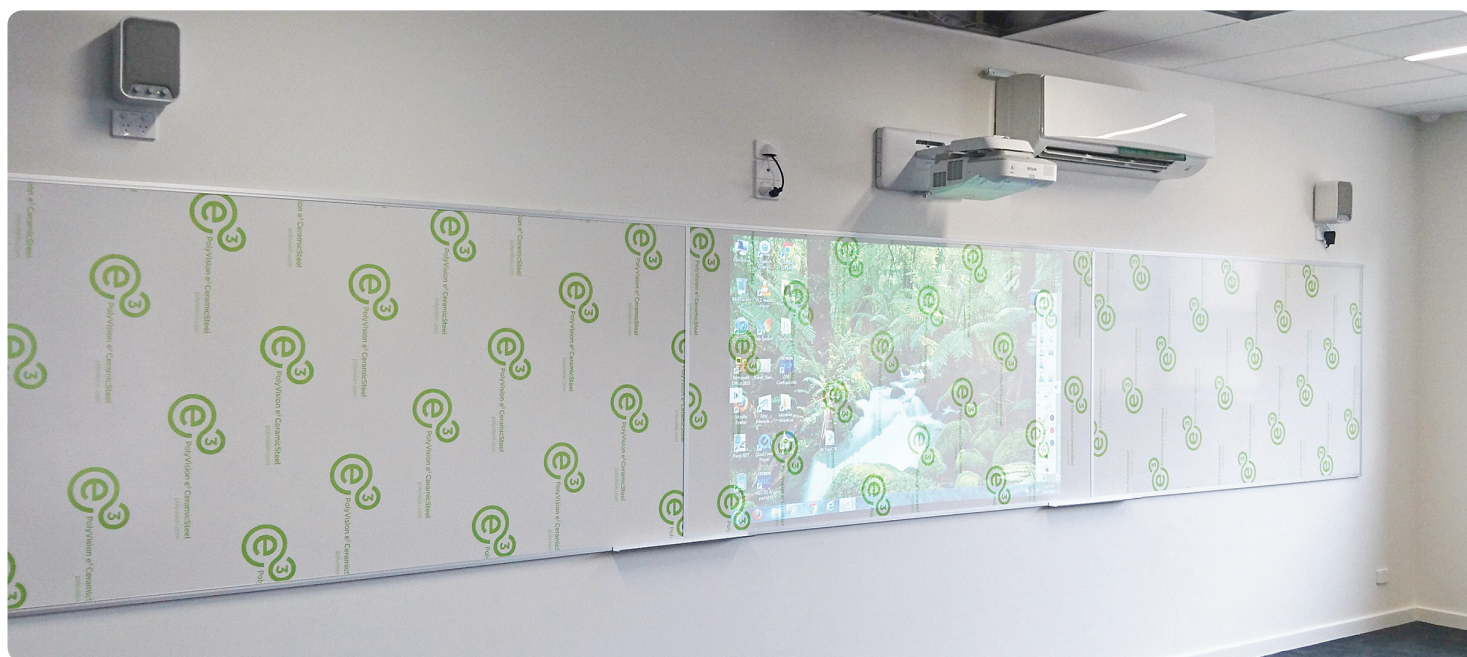
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# Eltham High School thrives with EPSON EB-685W tech upgrade

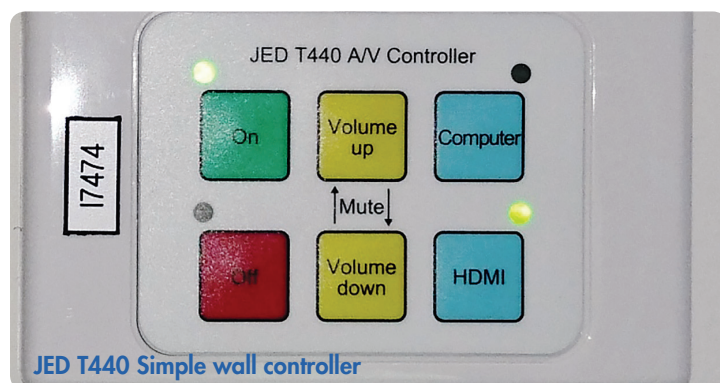
**Eltham High School is a large co-educational school which has been working to educate students located on the urban-rural fringe of Melbourne since 1926. They have a precedence of engaging young people and inspiring through excellence, encouraging creativity and individuality. Their educational methods are effective as evidenced in their Year 12 students' VCE results placing the school amongst the top ranking schools in Melbourne.**

To retain their competitive advantage and engaging curriculum, Eltham High School worked with DIB Australia in order to update the audio-visual capability in six of

their classrooms. This tech update was needed to stay at the forefront of educational technology.

In order to expand their visual capabilities, the EPSON EB-685W 3500 ANSI WXGA Ultra Short Throw Projector was selected. The EPSON EB-685W projector is an elite classroom AV tool. It is perfect for the bring-your-own-device nature of modern education as it is compatible with a wide range of devices. The projector produces ultra-bright images featuring 3,500 lumens unaffected by shadows or glare. Additionally, it boasts 10,000 lamp life on ECO Mode.

Additionally, the DIB team installed a HDMI, VGA and Audio wall inputs for connectivity with



a myriad of devices. These provide ease of connectivity with students and staff alike able to intuitively connect to the projector system.

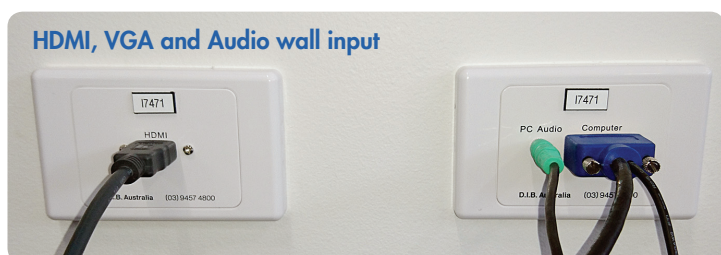
In order to support the visual capabilities, DIB also installed two EPSON 15 Watt 2-way Stereo Speakers. This audio system makes a perfect addition to the modern classroom and engages students in an immersive sound experience. They allow every student in the classroom to easily hear the sound, no matter where they are sitting in the classroom.

To control this modern classroom fit-out a JED T440 Simple wall

controller was installed. This wall control is a simple and intuitive mechanism and controls the entire audio-visual system.

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For more information on this installation, please visit <https://goo.gl/7Vivv3> or scan the QR code.





# Queen's College gets the royal treatment with a JCR tech makeover

**Queen's College, a residential college at the University of Melbourne, is a 300 person coeducational college providing accommodation and a comprehensive tutorial program for the educational and social growth of their university students. The college promotes an educational focus as well as an extracurricular program including sporting, drama and music opportunities. Queens College, as a place where students develop educational and life skills, rely on the most up to date technology so that students can develop content to share with their colleagues and friends.**

For this particular project, Queen's College approached the DIB team to update their Junior Common Room, in order to provide up to date audio visual technology. In particular, the college was interested in increasing their tech capabilities, with a large projector screen, and a revamped audio system for clear, loud projection of sound.

In consultation with Queen's College, DIB Australia selected the EPSON EB-G7800 XGA, 8000 ANSI projector system. This projector has 8000 lumens of brightness and features XGA

resolution which allows for a high-resolution image to be produced. This EPSON EB-G7800 projector was cleverly installed from the extremely high ceiling using a Skyhook universal ceiling bracket in order for the projector to be positioned at the correct height. The projector produced an image onto the new ScreenTechnics 115" 4:3 lowering ElectriCinema screen. This screen both unfurls electronically and descends from a screenbox attached to the roof. This ensures that when the screen is not in operation the JCR appears with the beautiful large windows and wood furnishings uninterrupted.

A Joey Micro 9 simplified wall control panel was installed to easily control the entire system. This control panel features 9 programmable buttons which control functions such as on, off, PC, DVD and TV selection as well as channel up, channel down, volume up and volume down buttons.

HDMI, VGA and Audio input plates are installed at the stage for connectivity. Additionally, a professional grade speaker system was also installed. This included an A AMD200 Class D



amplifier with full DSP, installed along with a pair of high-quality wall-mounted XDS8 speakers.

in recesses so they are both protected and not visible.

An ICON wall control panel was placed to control the volume of these speakers.

For presentations and projection needs two Sennheiser G3 series wireless handheld microphones were installed. This means that staff and students can easily use these microphones to present efficiently to large audiences. A small AV wall rack and a Large AV floor box were installed in order to house AV systems equipment for the installation. These were installed neatly

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For more information on this installation, please visit <https://goo.gl/KEDDS2> or scan the QR code.







# Penola Catholic College goes hi-tech with their new Sports Hall

**Penola Catholic College is a co-ed college situated on two campuses, located the Melbourne suburbs of Broadmeadows and Glenroy. The college focuses on holistically educating students, focussing on both academic endeavours and extracurricular activities. Penola Catholic College provides the most up to date technology to help students to learn with ease and master their subjects.**

Penola College approached DIB Australia to help them design their newly renovated Glenroy Sports Hall located on their Broadmeadows Campus. Primarily, an EPSON EB-Z11000W, 11,000

ANSI, WXGA, Dual lamp projector + long throw lens was installed as a commercial grade projector capable of producing high-quality images from long distances. This was installed in a recess custom designed and manufactured to protect against any damage.

The image is projected onto a Grandview 180" motorised SmartScreen which descends from a screen box attached to the roof. This allows for high-quality video when needed, and when sports are being played in the hall the screen can be fully retracted. VGA, HDMI (extended by BaseT cabling) and Audio inputs were installed in both

EPSON EB-Z11000W in steel projection case



the front and back of the hall, available to use to connect devices to the audiovisual technology system.

The Sports Hall also was improved with the addition of a brand new audio system. This audio system included a commercial grade audio system with AMD amplifier at the core complete with EQ and DSP control. This amplifier system feeds to four wall mounted 2-way speakers positioned throughout the space. All of the speakers are protected by custom covers. Additionally, this sound system is controlled by two ICON control panels positioned at the front and rear of the space which allows for easy access and control of the speaker system including the microphones and AUX inputs.

Two JED T460R4 control systems were also installed in the front and the rear. This will allow easy control of the entire audio-visual system, including the lowering of the projector screen, HDMI and

VGA. The Kramer vision scaler and switcher system installed also helps manage a large number of inputs within the space.

Four separate Sennheiser wireless microphone systems will be installed in the sports hall. These include three handheld and one lapel microphone. These microphones will allow for easy, loud projection for assemblies, presentations and sports games.

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# Aitken College Multi-Classroom Audio Visual Transformation



**Since first opening its doors to students in Term 1 of 1999, Aitken College, an independent, co-education school of the Uniting Church located in Greenvale, has strived to consistently provide an environment in which students are able to achieve their full potential, and to expand and grow their skills and intellect.**

In keeping with their strong values of inspiring academic achievement and creativity, Aitken College decided to overhaul over 70 classrooms with the latest in Audio Visual technology to allow their students to have all the tools and resources to enable them to get the very most out of every lesson.

Consistency was key with an upgrade of this size. DIB and Aitken College worked together to put together a 'standard' classroom set-up similar to the design trialled in one classroom in 2016.

Once the benchmark had been set, a proposal was put together to have this deployed in over 70 classrooms. Due to the magnitude of work, it was extremely important to not disrupt classes, therefore a strategy was worked out with DIB and Aitken College to schedule the work to begin in Senior Rooms after the VCE exams had finished, with the Middle and Junior rooms being completed over the Christmas Holidays.

Epson EB-585W Ultra Short Throw Projectors were installed onto very large 1.4m x 3.6m whiteboards. This meant each room featured a large 100" projected image size, plus a substantial amount of free space to side of image for whiteboarding notes.

JOEY Control systems were installed next to the whiteboard with each installation, which enabled teachers to easily move from room to room and not worry about the remotes.



The switching between Laptop and Apple TV inputs could also be done by an easy click of a button.

DIB Solutions Consultant, Production Manager and Senior Technician worked closely with Aitken College every step of the way, during the planning and installation of this project. A 5 year extended on-site warranty was also put in place which ensures school will not have to worry about dealing with faulty projector systems for the duration of the 5 years.

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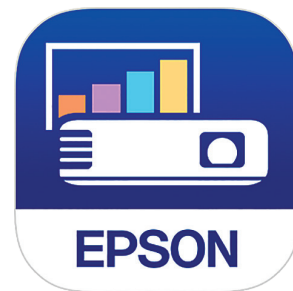
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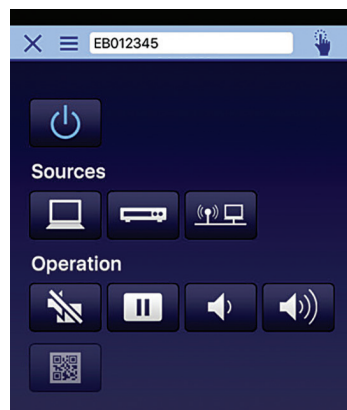
# CONNECT TO YOUR PROJECTOR WIRELESSLY WITH IPROJECTION



We often get asked at DIB Australia about connecting projectors to phones or to a network of projectors without worrying about cables and connections. Many of our customers start looking at Chromecasts, Apple

TV and other third party devices as means to connect to their projectors without connecting their device in directly. What most people don't know is that their Epson projectors\* may already have some of these features built in!

## The Epson iProjection app for phones and desktop

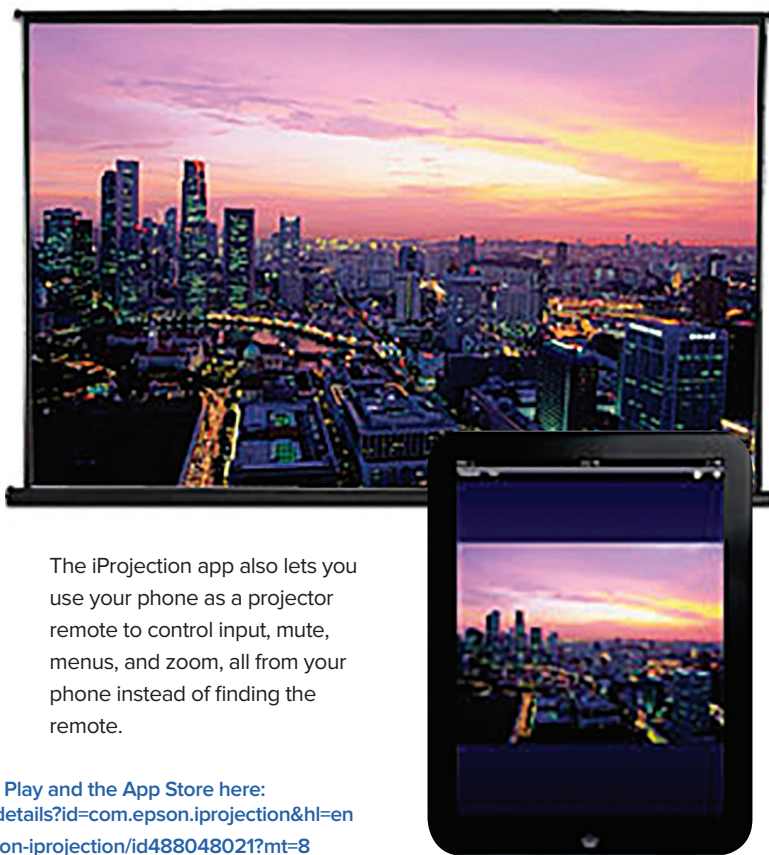


Epson iProjection is a free app on your phone, letting you connect your device to any projector in your network.

View documents, web pages, and screen mirror from your phone without needing to connect it directly.

The iProjection app also lets you use your phone as a projector remote to control input, mute, menus, and zoom, all from your phone instead of finding the remote.

You can get iProjection from Google Play and the App Store here:  
<https://play.google.com/store/apps/details?id=com.epson.iprojection&hl=en>  
<https://itunes.apple.com/au/app/epson-iprojection/id488048021?mt=8>



## Epson EasyMP Network Projection for PC and Mac

You can do the same thing for Windows computers using Epson EasyMP Network Projector, another free application from Epson that lets you control projectors wirelessly from a computer.

EasyMP Network Projection even lets you send files from multiple computers, saving the need to pass around the cable during presentations, making the classroom a more collaborative space.

You can download EasyMP Network Projection for PC here:  
<https://epson.com/Support/wa00742a>



DIB have a dedicated Service Team, including a Full-Time Manager and several service technicians. If you require any assistance with anything AV service-related, please contact our Service Team on (03) 9459-0000 or email us on [info@dibaustalia.com.au](mailto:info@dibaustalia.com.au)

*\*Please check your model of Epson projector to ensure it is a wireless compatible model. If in doubt, please don't hesitate to contact DIB for further assistance.*