

Mount Ridley College Harnesses the Latest in Classroom Video Capture with DiscoveryLab™ System



Mount Ridley College is a new school with rapidly growing enrolment, catering for Prep to Year 12 students. The school features modern facilities which are frequently upgraded and renovated to take advantage of the latest in education technology. Part of these improvements recently included the installation of a DiscoveryLab™ classroom capture system by the team at DIB Australia in their PD centre.

A DiscoveryLab™ system brings huge benefits to students and teachers alike, capable of recording lessons in the classroom. Classroom capture allows absent students to catch up on critical content at a later date. These recordings become a vital part of revision for students, letting them go back and re-watch important lessons days, weeks, or even months later. This can be invaluable in consolidating their learning. From the teacher's perspective, classroom capture provides them with unparalleled opportunity for self-improvement. Teachers can engage in powerful self-reflection and professional development by reviewing their own lessons or learn from the classroom captures of

other more experienced teachers. With the classroom's main function being as a professional development centre, the classroom capture system was primarily installed so that Mount Ridley could record PD sessions. Their focus on professional development is a driving force behind the school's fantastic teaching staff. These sessions are extensive, even involving surrounding schools. The DiscoveryLab™ system allows Mount Ridley to make their PD



Classroom Capture System With LED preview monitor

more widely available for review for teachers who cannot attend in person.

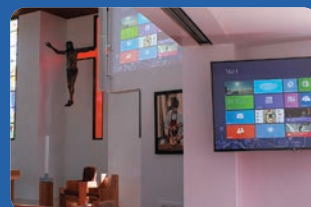
DIB Australia's installation of the DiscoveryLab™ solution at Mount Ridley College included two high resolution cameras which were configured to record both the presenter and the audience for the most complete classroom capture possible. Also included with the system was a 20" LED monitor which displays a live preview of the recording, providing teachers and presenters with confidence as to what is being recorded. For controlling the DiscoveryLab™ system, the DIB team installed a customised Joey Lite simplified wall control panel. With this control panel, teachers can quickly set up a recording and clearly choose the desired capture mode. The wall panel was specially designed to ensure quick and easy operation of the system. Ensuring that a solution can be used simply and intuitively is always a goal of any DIB Australia audio visual installation.

For assistance with your custom audio visual requirements, contact a DIB Audio Visual Solutions Consultant today. Phone (03) 9457-4800 or email us on info@dibaustalia.com.au.

For more information on this installation, please visit <http://goo.gl/T6D9nl> or Scan the QR code.



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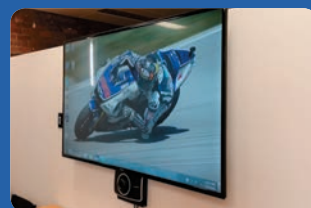


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Stunning Audio Visual Installation for Chapel of St Mary of the Cross

MacKillop College is a Catholic coeducational secondary school in Werribee. The College is a pillar of the local community, boasting a strong, experienced teaching staff and an advanced learning environment.

Over the last few years, the College has undertaken a project to construct a modern chapel on campus. The Chapel of St Mary of the Cross is impressive, with beautiful stained glass windows and a 'Triumphant Jesus' hanging over the altar. Having had a long relationship with MacKillop College, DIB Australia were engaged to provide a modern audio visual solution for the space. Gabi from DIB Australia worked with MacKillop College on every aspect, down to the smallest details. The final result, at its most basic level, saw the installation of two projectors, producing an image on

Chapel exterior



either side of the lectern at the front of the chapel, and a camera system to record the chapel events from a variety of preset positions.

VISION SYSTEM

The core of this installation was the displays. A pair of high quality, full HD projectors were selected to produce images directly onto the wall at either side of the front of the chapel. For this task DIB installed two EPSON Z9750WU projectors.

These projectors display an image with fantastic brightness which was critical to the installation due to the large amount of natural light that flows into the chapel. These were equipped with special long throw lenses so that they could produce a large image while being placed out of the way, non-conspicuously above the entry to the chapel. A Philips 32" LED display was installed in the sacristy to the side of the main area, providing a live

camera feed of the chapel for the priest. Finally, a Sharp 70" flat screen display was installed in the chapel's Religious Education Learning Area. This screen is perfect for small groups of students, or as an extension of the main display for large events.

CAMERA/RECORDING SYSTEM

As mentioned earlier, the ability to record events, whether it be College presentations or ceremonies, was a must have. This way families could receive high quality recordings of weddings, or other significant events in the chapel. One camera with three preset positions was installed by DIB to fulfill this role. Between these positions and pan/tilt/zoom functions, the camera system is suited to capturing all kinds of events. An Extron Streaming Media Processor was programmed by the

7" Extron TouchLink Pro



DIB team to handle the capturing and distributing of live camera recordings.

AUDIO SYSTEM

For audio, several microphones were installed throughout the space. These included a lape microphone, two handheld microphones, and four discreet ceiling-mounted microphones above the mezzanine floor. A front of house speaker system was installed to produce audio for audiences in the chapel. The d&b Audiotechnik 24C column array speakers were especially selected due to their sleek design and ability to individually adjust each of the six dome tweeters within each column speaker. This ensured optimum sound dispersion within the chapel. The capacity to have ground outdoor planter box speakers were also installed, along with speakers in the narthex area so that guests can be provided with music upon entering the chapel.

CONTROL SYSTEM

The DIB team worked hard to ensure that controlling a multifaceted system like this would still be easy and streamlined. A 7" Extron TouchLink Pro control panel was installed at the chapel's mezzanine for the main control over the system. This panel provides a high resolution, full colour, intuitive display that can be customised to best suit any system. From this touch-panel the system's complete functions such as volume, camera configuration, and video recording can be operated. From the mezzanine laptops can be connected to the projectors and users can choose which source to display (BluRay, HDMI, VGA, etc.). This way, the projector system can be used to display presentations, videos and images.

5" Extron TouchLink Pro



Two smaller 5" Extron TLP Pro touchpanels were also installed, one in the Sacramental Chapel and one in the R.E. Learning area. The Sacramental touch panel provides control over the system at a more basic level. From here the system can be turned on and off, laptops connected, and microphone inputs controlled. This way, one is able to easily use the AV system without confronting the more complex system located on the mezzanine level. The touch panel in the R.E. Learning area allows classes or small groups to control the 70" LED panel independent of the main system. A feed from the main Chapel can also be mirrored onto the LED panel for when larger occasions employ both areas at once. In this way, the entire system was designed to produce a versatile and easy to understand user interface for what is in fact a very advanced system.

DIB are proud to have contributed to the creation of such a beautiful space. Since its opening in March, the Chapel of St Mary of the Cross has been embraced by the community, being described as 'quickly becoming the heart and soul of the College'.

For assistance with your custom Audio Visual requirements, contact a DIB Solutions Consultant today. Phone (03) 9457-4800 or email us on info@dibaustalia.com.au

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



EPSON MeetingMate



Classroom Upgrade for Rubicon Outdoors with new Interactive Projectors

Situated in the picturesque Rubicon Valley, the Rubicon Outdoors Centre delivers education programs to more than 3000 schools annually. The school places a focus on teaching leadership skills, personal development, and teamwork in addition to environmental studies. Learning takes place amidst a wealth of environmental experiences and adventurous activities such as canoeing, rock climbing, and even cross-country skiing. Naturally, this results in a unique experience that is as fun for students as it is practical. Rubicon Outdoors Centre engaged DIB Australia for the installation of new projectors in its classrooms. Solutions Consultant, Gabi Ceglia from DIB worked to find a modern solution that would complement the school's innovative and unique learning environment. With a curriculum built around providing an interactive, hands-on experience for students, it made sense that the school introduce further interactive technologies into the classroom. Working together with the school, DIB Australia settled on two interactive projectors for their classrooms and one standard projector for their recreations room. The EPSON EB-1430Wi MeetingMate was chosen for two of Rubicon's classroom spaces. This solution turns any suitable surface into

a versatile touch screen. The projector produces amazing detail, incredible colour and high brightness, ensuring the screen can be viewed by students from any angle. Importantly, the interactive projector lets students and teachers share and annotate content from multiple devices at once. For example, students can contribute to content shared from a teacher's laptop on the interactive projector using iOS or Android tablets. The Epson EB-1430Wi MeetingMate can also be used independent of a laptop, meaning groups of students are able to collaborate on the touch screen, brainstorm and share ideas and then easily save the annotations on a USB drive. All without the need to plug in a PC. DIB ensured that teachers and students would find the interactive projector straightforward to use with the installation of an EB-1400 wall-mounted control panel. This device is neatly designed for efficient and intuitive operation. Interactive projectors are a must-have in any modern classroom. They provide a whole new level of engagement for students and let teachers easily take advantage of electronic resources to aid lessons. Not only do they make lessons more effective, but the consensus among students is that they make them more enjoyable as well.

For assistance with your custom audio visual requirements, contact a DIB Audio Visual Solutions Consultant today. Phone (03) 9457-4800 or email us on info@dibaustalia.com.au.

For more information on this installation, please visit <http://goo.gl/qv5uM3> or scan the QR code.

Sophisticated BYOD Video Conference Solution for Root Projects Australia



Vaddio BaseSTATION system and Samsung 65 inch Display

Root Projects Australia (www.rootprojects.com.au) is a leading provider of specialist project management services with clients across a wide range of industries. The firm has a strong and successful history, known for their professionalism and service quality.

Root Projects approached DIB Australia for the supply of a meeting room solution to allow video conferences, not only between their Sydney and Melbourne offices, but also with external parties. Gabi from DIB worked with Root Projects and the Vaddio BaseSTATION Premier system was chosen as the best solution to meet the firm's

needs. The Vaddio BaseSTATION system is a truly state-of-the-art technology, fully embracing the idea of BYOD (Bring Your Own

Device) Video Conference. Where other solutions require the exact same configuration and hardware for both ends of the conference,

the Vaddio BaseSTATION lets meeting room participants use their own personal devices – such as tablets, laptops and PCs – and



Extron MLC62



Vaddio BaseSTATION camera

video conference platforms for a much more flexible and adaptable result. The Vaddio BaseSTATION's camera and microphone integrates into USB 3.0 connection. This means that video conferences are quick and easy to set up on literally any device and any operating system that has a USB port. The BaseSTATION also allows app & desktop sharing, letting employees share their laptop screens such as Keynote or PowerPoint presentations during video conferences. The BaseSTATION solution is compatible with any video conference program such as Skype, Google Hangouts, and WebEx. The broad connectivity ensures that the Vaddio BaseSTATION will be perfect for any business environment.

To display the video conferences, the DIB team installed a Samsung ED65D Professional Grade 65" display. The screen features HD resolution and excellent colour, taking full advantage of the high quality image captured by the BaseSTATION camera.

DIB Australia also installed an Extron MLC62 simplified wall control panel for control of the new solution. This panel makes operating the system easy with eight customisable buttons and a sleek, modern appearance. As a whole, the meeting room solution will allow Root Projects to hold high quality, convenient, and modern video conferences across a variety of devices.

For assistance with your custom audio visual requirements, contact a DIB Audio Visual Solutions Consultant today. Phone (03) 9457-4800 or email us on info@dibaaustralia.com.au.

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



Over their many years in business, Hitachi have fostered a reputation of excellence for creating modern and intuitive technologies. Their latest offering is an interactive flat panel available in either 65" or 75" models, perfect for lessons, meetings, or presentations.

These interactive flat panels are versatile and powerful touchscreen displays that are well suited to the classroom or meeting room. The Hitachi flat panels allow users to incorporate greater interactivity into

their presentations to reach new levels of engagement. The multi-touch design lets multiple people use the flat panel at once, facilitating collaboration between teachers and students or employees.

FEATURES INCLUDE

- ✓ **Plug and Play.** Thanks to Plug and Play technology the 65 Inch Interactive Panel needs no calibration and no drivers – just turn on and start interacting for easy use.
- ✓ **Multi-touch.** Six-point (65") or Ten-point (75") touch input, accessible with Windows 7 and above, means up to 6-10 pupils can work together simultaneously and that presenters can make full use of multi touch gesture controls.
- ✓ **No shadow.** With no projector, teachers can work from anywhere at the front of the classroom without casting a shadow over the screen.

- ✓ **Full HD.** The full HD 1080p high brightness display ensures your interactive lesson, images and videos are appear clear and detailed.
- ✓ **Durability.** The 5mm toughened glass and steel bezel, combined with guaranteed 24/7 usage makes the 65 Inch Interactive Panel a very durable solution and robust enough for all meeting-room or classroom applications.



✓ **3 year on-site warranty INCLUDED**

What's more, the 65" model is available with an optional built in PC, which eliminates the need for connecting to any external sources, simply walk in and turn on.

To find out more about the NEW Hitachi 65" and 75" interactive touchscreen displays, contact a DIB Solutions Consultant today. Phone (03) 9457-4800 or email us info@dibaaustralia.com.au

For more information about this product, please visit <http://goo.gl/uR2Efx> or scan the QR code.



Captivating Video Wall Solution for Catholic Regional College North Keilor

Catholic Regional College North Keilor provides students from years 7-10 with a highly developed teaching program to produce fantastic learning outcomes. It is one of three Catholic Regional Colleges teaching this age range, with students moving to specialist VCE campus in Sydenham in years 11 and 12.

The school came to DIB Australia with the aim of creating a modern and versatile presentation space featuring a large video wall display. DIB consultant James worked closely with the school to meet this brief. The end result featured a stunning 2x2 video wall along with a multipurpose audio system.

For the video wall itself, four LG 55LV35A 55" displays were installed in a 2x2 configuration. These were combined to form one large display measuring 110" diagonally. Each display has a native 1920x1080 full HD resolution. This allows for a large display that still delivers a sharp and bright image.

Along with this display, DIB installed a high quality audio system. It featured wireless microphones and four flush ceiling speakers in the main area. Flush speakers benefit from an improved appearance compared to traditional ones, maintaining a clean look while still delivering powerful audio. Two ceiling speakers were also installed in a classroom that opens up onto the main presentation area. These were configured so that they could be isolated from the main system, resulting in a versatile audio visual solution that can be adapted to a number of different situations. Firstly, when the classroom is opened up during large presentations the speakers can transmit audio with the main



Video Wall Display



Video Wall AV Rack

system. Secondly, audio from a presentation can be distributed only to the main area and not to the classroom speakers if the classroom is in use. Finally, for when the classroom is in use, the speakers can be used independently, isolated from the main system and used with a smaller display.

For controlling the solution's video, an Extron MLC Plus 84 MK wall control panel was installed. This control panel was favoured by DIB because it simplifies operation of the video wall, allowing basic functions such as turning the system on and off, and selecting the video source from a laptop, Blu-Ray or Apple

TV. An ICON control panel was installed separately to control the audio. This interface lets users control volume and easily choose an audio source out of the handheld microphone, lectern microphone, or the video wall itself.

The video wall and audio visual system installed by DIB creates a flexible modern presentation space, producing high quality audio and video output.

For assistance with a video wall installation or your custom audio visual requirements, contact a DIB Audio Visual Solutions Consultant today. Phone (03) 9457-4800 or email us on info@dibaustalia.com.au

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



State of the Art Audio Visual Installation for Aitken College Food Technology Centre

Aitken College is an independent, highly acclaimed co-education P-12 school, situated on a scenic countryside property stretching 18 hectares in Greenvale, Victoria. The College is truly something special, set out like a 'small village' with streets between classrooms and a distinctly rural vibe. The school excels at creating a homely environment and instilling a community spirit in its students. Within this appearance is a modern school taking full advantage of contemporary technologies.

When building their brand new, state-of-the-art Food and Technology Centre, the College came to the team at DIB Australia for the installation of an ambitious audio visual solution. The goal was to install a video system to broadcast a high definition real-time stream of the teacher's work space to LED displays across the food and technology kitchen-classroom. With this solution, students would be able to clearly view the teacher's actions at the front of the class while working at their own bench. This is a practical alternative to a large class having to crowd around the a single table at the front of class in order to watch a demonstration. Additionally, DIB were engaged to install a projector and projector screen for the building's dining room.

For the kitchen the DIB team, working closely with Aitken College, installed two full HD cameras fixed above the teacher's preparation bench and stove top. These were set up to transmit to 8 Philips 42" LED displays positioned at the student benches, and one larger Philips 55" LED display positioned behind the teacher preparation area. The



Philips 42" displays



Philips 55" display and full HD camera

Phillips displays were chosen by DIB due to their high definition video, with the vivid LED backlight allowing students to clearly view the screen from all angles, all over the kitchen. The Phillips displays are also economical, with features allowing the user to reduce energy consumption if needed. The DIB team worked to make sure that the entire system had a clean and modern appearance to complement the brand new classroom.

This audio visual installation had to be easy for teachers to use throughout busy lessons. To achieve this, DIB installed a Joey Micro 9 wall control panel. This

control panel simplifies operation, allowing easy control of the audio visual solution, and even automatically turns the system off to save power if it's accidentally left on. A HDMI and VGA with audio wall panel was also installed so that teachers have the ability to connect a laptop to the displays.

For the dining room a EPSON EB-585W Ultra Short Throw Projector was chosen by the DIB

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For more information on this installation, please visit <http://goo.gl/tldwD9> or Scan the QR code.



EPSON EB-585W Projector

consultants for its bright, high resolution display. The projector's ultra short throw design means that it can be mounted above and close to the screen. Not only does this minimise shadows and glare, it also results in a neat, unobtrusive appearance. A Grandview Deluxe 103" projector screen was installed with the projector, featuring an auto-break system so that the screen always retracts smoothly.



TROUBLESHOOTING PROJECTOR ISSUES

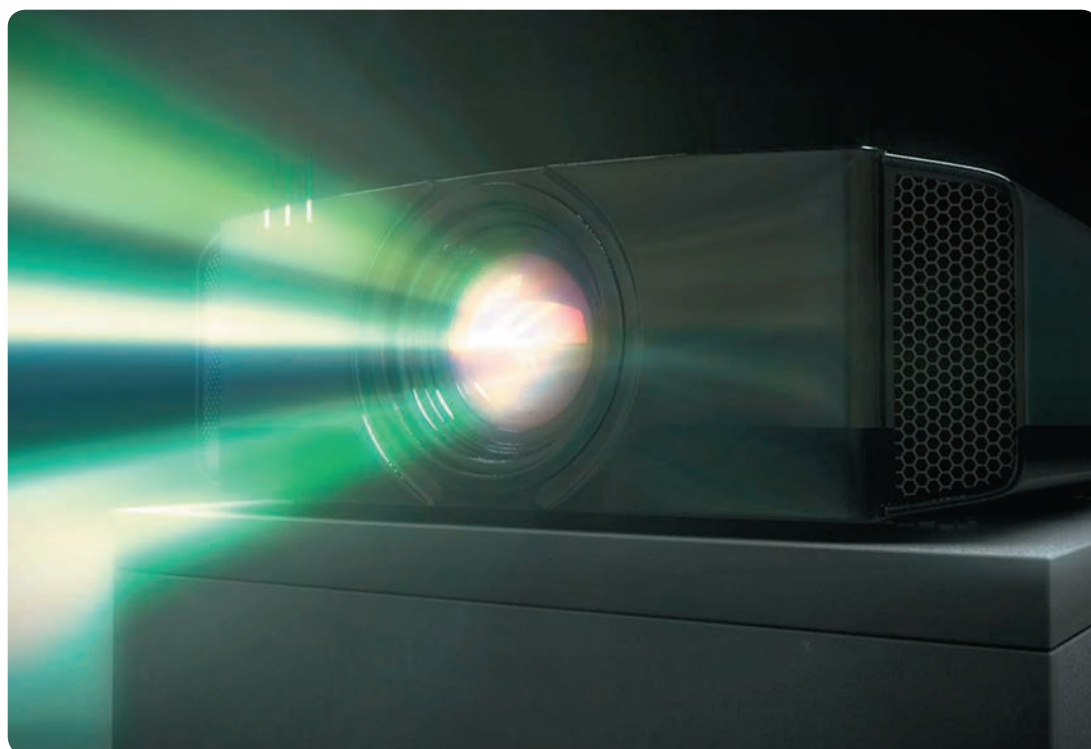
Sometimes a projector will seem to be not working. This could be caused by something as simple as a loose plug. The following are solutions to some issues that we have seen with projectors:

PROBLEM: The EPSON projector is displaying an orange screen.

SOLUTION: This occurs in EPSON education projectors when the input isn't connected properly. If this happens, simply ensure that the cable is properly plugged into both the wall plate and the laptop/computer. As soon as you connect this cable properly and choose the right source on the control panel this error page will disappear.

PROBLEM: The projector keeps turning off.

SOLUTION: First, check the projector's filter for dust build-up. If the projector is still turning off, it is likely that the internal fan or ballast may be at fault. This can be a result of not servicing your projector regularly. If this is the case contact the DIB service staff as the projector needs to be repaired.



PROBLEM: Colours are missing or not displaying properly on the screen.

SOLUTION: This issue might happen when using a VGA input. It can be solved by making sure that the VGA cable is fitted firmly and completely in the wall plate and laptop. Otherwise, it might be that the pins in the VGA cable are damaged or out of place. This can be fixed by using a new or different VGA cable.

Remember to look after your projector and regularly service it so that it can run optimally.

DIB Audio Visual provide a high standard of AV service work, including repairs to any type of projector, including Epson, NEC, Sony, Benq, Hitachi and other brands. Of course, there are loan projectors available from DIB Audio Visual, so that there is no down-time whilst your projector is being serviced. Lamps for projectors can also be sourced and replaced for any type of projector you may have.

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

STEPS TO LOG A SERVICE REQUEST (DIB Australia)

STEP 1

Log on to support.dibaustalia.com.au



STEP 2

Click 'SUBMIT A REQUEST'

STEP 3

Fill in fields. Making your description of the fault as clear and detailed as possible will reduce any potential delays. You can even upload photos of the fault to assist the support staff.

STEP 4

Click 'SUBMIT' and a confirmation page will be displayed with a request # and your subject line. An email will also be sent to your inbox notifying you that your request has been received by the support staff.



STEP 5

A support staff member will then make contact with you with a suggested date and time for a service technician to be onsite.

CREATE AN ONLINE ACCOUNT

You can monitor all of your requests (especially useful for larger organisations) by creating an online account.

