

Hitachi Touchscreens a Success at Mentone Girls' Grammar



Wall-mounted 65- Hitachi Touchscreen

65" Hitachi touchscreen on portable Gilkon trolley

DIB Australia have worked closely with Mentone Girls' Grammar School over the past years to install modern education technology across many of their classrooms. Lately they have been embracing Hitachi touchscreens in the classroom, installing the devices for their science and art rooms. In the art wing, the DIB team designed a portable trolley system for the touchscreens so that they could share the technology between multiple classrooms as needed. With this setup, the interactive display can cater to groups of all sizes and fulfill a variety of different uses around the school. For example, a teacher can use the large touchscreen at the front of the room to use in a presentation and then later, a smaller group can bring it into their space for further work. This is also a very cost-effective solution, allowing the school to buy one interactive display to share among multiple classrooms. Two portable systems were created with 65" Hitachi

Touchscreens mounted on Gilkon trolleys. The Gilkon FP7 portable trolley was used, designed especially for interactive panels in schools. It's heavy duty and features motorised height adjustments at the touch of a button. In turn, two science classrooms had wall-mounted Hitachi systems installed. These touchscreens were accompanied by Extron control panels and AppleTV boxes to allow the wireless connection of Apple devices. The Extron panels were custom programmed by the DIB team to allow easy operation of the classroom systems. The 65" Hitachi Touchscreen is the perfect way to boost engagement and participation in the classroom. They allow electronic resources like diagrams, videos, and PowerPoint presentations to be shared and annotated in response to questions and discussions. The interactive flat panel supports up to six touches simultaneously, providing a natural way for teachers and students to

collaborate with one another. Multitouch also allows for the use of intuitive multitouch gesture controls like pinch to zoom when displaying diagrams and presentations. The touchscreen monitor produces a vibrant, detailed, and bright image in full HD. This makes the screen easy for students to view from any position in the classroom. Altogether this makes for a flexible and dynamic solution that is perfect for the modern learning environment.

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/zqwOSz> or scan the QR code.



ALSO INSIDE THIS ISSUE



Complete Audio Visual Installations for Moe Rail Precinct Community Centre

2



Vivi: Engage Every Student

3

Classroom Capture with DiscoveryLab™

4

Epson EB-595Wi Projectors for Greater Engagement at Kingsbury Primary

5



Foodtech Camera System for St James College

6

Powerful Video Conferencing Meeting Room System Installed in Victoria Police Multi-disciplinary Centres

7

Hints & Tips A Complete Guide to Ultra Short Throw Projectors

8

Complete Audio Visual Installations for Moe Rail Precinct Community Centre

DIB were engaged by the Latrobe City Council to complete audio visual works as part of the Moe Rail Precinct Revitalisation Project. The project's goal was to invigorate the centre of Moe, a small town in regional Victoria. It involved the creation of a new community centre which included a state-of-the-art library, a council service centre, and public meeting rooms.

DIGITAL SIGNAGE/VIDEO WALL

On the ground floor of the building DIB were involved in the installation of an impressive four screen video wall along with other digital signage displays throughout the reception. For the video wall, four LG 47" 47LV35A displays were installed. Designed especially for use in a video wall configuration, these displays feature a super narrow bezel so there is minimum space between the four screens for a near-seamless image. These displays also feature great brightness and sharp detail, coming together for an impressive result.

All digital signage displays were controlled by Brightsign media players. These small devices handle all aspects of playback for the LG screens, allowing staff to create, customise, and schedule content throughout the day. The software for setting up digital signage content is simple to use with an intuitive drag-and-drop arrangement. The players are compatible with all kinds of formats including full HD video, images, and HTML5. Specific video wall settings make it easy to create a vibrant impression across multiple displays.

MEETING ROOM

The AV works included installation of systems across



Adjoined meeting rooms



LG Video Wall

three public meeting rooms. In rooms G08 & G09, Epson EB-1430wi MeetingMate interactive projectors were installed by the DIB team. The MeetingMate is Epson's most capable projector ever. It is packed with helpful features and the latest technology to make it the ultimate projector solution for any meeting room. The MeetingMate turns any surface into an interactive whiteboard. Using just a finger, anyone can easily annotate, collaborate, and interact with displayed content. The interactive projector can even be used independently without plugging in a laptop. This feature is especially useful, allowing members of the public to hold instant meetings with



Extron control panel

next to no setup required. Afterwards, the content of the instant meeting can be saved onto a USB stick, printed, or emailed directly from the projector for future reference. Room G07 saw the installation of a high definition 65" LG UX340C display. Meeting room participants could then connect to the display via HDMI and VGA



LG display with Brightsign Media Player

ports located throughout the space. A dual microphone system was incorporated into this room to allow for larger presentations.

All three rooms featured Extron touchscreen control panels. These make it easy for anyone to use the AV system, regardless of their experience or tech expertise. Between the 8 buttons and the full-colour touch screen, the panels let users handle all aspects of the audio visual system from one place. The buttons turn each room's display on/off and let participants choose between the many possible sources and configurations.

Meeting room G07 was adjacent to G08 and in some situations the two could be combined to form one large space. It was important that the audio visual design cater to this scenario and as such, a function was provided on the control panels to combine the AV systems of the two rooms. At the press of a button on the control panel in each room, the same video will be displayed in both spaces and identical audio will be transmitted. This allows groups to book both meeting rooms in order to hold larger-scale presentations.

OTHER SPACES

Also included in the project was a Games Room for the library, where DIB installed three

adjacent Xbox One consoles. Each was connected to an LG 42" display and had an individual headphone socket.

Two additional study rooms were equipped with more modest systems, consisting of LG 42" displays, control panels, and HDMI + VGA input ports. Here, simple non-touch control panels were installed to allow for volume adjustments, input selection, and turning the system on and off.

The DIB team are proud of their contribution to the impressive space. Altogether, the Moe Rail Precinct has been equipped with a state-of-the-art audio visual setup that will hold its own for many years to come. We hope our audio visual installations will help to provide the highest quality experiences and services to Moe's locals.

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



Vivi: Engage Every Student



Vivi is a new technology supplied by DIB Australia. In a nutshell, Vиви is a wireless presentation tool that enables teachers and students to share, display, annotate, capture, and save information in real time. Using Vиви, teachers can display whatever they want including videos, websites, presentations, and exercises. Students can then effortlessly capture what is being displayed and annotate the content with their own notes on their own device.

As Vиви is wireless, teachers and students can move freely around the classroom with their devices to work with one another while staying connected. Importantly, it's super-easy to use and will automatically connect to the enabled devices of students and teachers the moment they enter the classroom. Vиви is highly versatile and works across operating systems and regardless of whether the student is using a laptop, tablet, or smartphone.



Vivi was created as a response to the modern classroom environment where education technologies are commonplace and students are more active participants than ever before. It allows students to access learning content effortlessly, engage more actively, and collaborate more effectively.

“ Even though the classroom model is moving from a teacher-centred classroom to a flexible learning environment, current technology still restricts teachers to the front of the classroom. But Vivi is now challenging this dilemma. The ability to transform any space instantly into a creative and interactive environment is a game-changer. Vivi is simple, intuitive and powerful and I am confident that it will soon help become an indispensable tool for every Australian classroom”

– Mark Sullivan,

Director of Innovative Technologies Pymble Ladies' College

For more information about Vivi or 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/ZA9PJJ> or scan the QR code.



Classroom Capture with **DiscoveryLab™**

DiscoveryLab™ is an audio visual capture system for the classroom that is exclusively designed and installed by **DIB Australia**. The teacher-controlled system records classroom activity to enhance training, professional development, and learning outcomes. To achieve this, **DiscoveryLab™** involves the installation of discrete cameras and highly-sensitive microphones around the classroom which capture and record in high definition. Recordings are then saved onto a **USB stick** for future use. **DIB** recently installed **DiscoveryLab™** for a classroom at **Box Hill High School**.

These systems can be highly impactful for teachers and students alike. For teachers, **DiscoveryLab™** offers an unequalled opportunity for self-reflection and professional development. By viewing recordings of their lessons, teachers gain valuable insight into their teaching practice. On the other hand, students can have their teachers share **DiscoveryLab™** recordings in order to catch up on missed lessons or assist them in revising difficult content.

DiscoveryLab™ has two primary capture modes to suit each of these purposes. The first is **PD (Professional Development) Mode**. This mode provides a side-by-side view of both the teacher and student perspectives, providing a comprehensive recording for powerful self-evaluation and peer review. The other capture mode is **Lecture Mode**. Here, the **DiscoveryLab™** system records the view of the teacher/presenter alongside a video feed of the content from the teacher's AV device. This second mode provides for student



A DiscoveryLab™ preview monitor and control panel

revision, Flip Learning, and in-house PD sessions by recording the teacher's PowerPoint presentation or other digital

content synced to the recording of the student perspective.

provide greater opportunity for professional development and eLearning.



DiscoveryLab™ HD camera

At Box Hill High - as with all **DiscoveryLab™** systems - a control panel was installed to handle all aspects of the operation of the system. From this custom-designed panel, teachers can choose the capture mode and how much or little of the lesson they wish to record. A small preview monitor is also included in the system. This sits to the teacher's side, providing a live preview of the **DiscoveryLab's** output, giving confidence as to what is being recorded. **DiscoveryLab™** can be easily incorporated into any classroom's existing AV setup to

For more about **DiscoveryLab™** or 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 about **DiscoveryLab™**, please visit <http://goo.gl/09XVKB> or scan the QR code.



Epson EB-595Wi Projectors for Greater Engagement at Kingsbury Primary

Kingsbury Primary is a small school celebrating over 50 years of quality education. The school has long recognised the value of education technology and currently runs a netbook program for students Grade 3 and above. They engaged the team at DIB Australia for the installation of two interactive projectors for a classroom and meeting room. Kingsbury Primary were the first school in Melbourne to trial Epson interactive projectors and have been implementing them into classrooms ever since. Interactive projectors are of great benefit to schools, helping to facilitate collaboration and create more engaging lessons and meetings.

EPSON EB-595Wi projectors were supplied and installed by DIB in both the classroom and the meeting room. The EB-595Wi interactive projector is favoured by many schools for its finger touch capability. The addition of a small sensor above the whiteboard gives students and teachers the option to interact using their finger instead of the special pen. This simplifies operation of the projector and makes interacting feel more intuitive and natural. Altogether, the projector can support up to 4 touches simultaneously between fingers and the special pens, facilitating collaboration between teachers and students. This capability makes it easy for group members to work together on the board or for teachers to help out students as they interact.

The projector comes with an ultra short throw design. This means that it sits above the projection surface (in this case the whiteboard) and projects directly down onto it. Traditional



HDMI, USB, VGA, and audio inputs



projectors without an ultra short throw can result in shadows being cast by teachers or students as they present which disrupt the image. Similarly, presenters may have to deal with annoying glare from traditional projector designs as they look out to the class. With ultra short throw projectors, these issues are eliminated by having the device mounted close to the wall above the whiteboard. Epson ultra short throw projectors are also designed to blend with the

classroom environment for an aesthetically-pleasing result.

HDMI and VGA + audio wall plates were installed by the DIB team for the video and audio aspect of the projector system. This was to ensure that all kinds of laptops would be compatible with the system, regardless of how old or new they were. A wide range of connectivity options is important in many school where a variety of different technologies are used in the classroom with laptop models

differing between teachers and students.

"Our Prep teachers are learning to use the facilities and enjoy having the freedom to use more than one student with the board."

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





Foodtech AV system

Foodtech Camera System for St James College

St James College is a Catholic secondary school for boys located in Bentleigh East. The school is a past client of DIB Australia and has long recognised the value of education technology in extending and developing learning opportunities. They have an iPad program from year 7 and incorporate the latest technology in most of their classrooms. In accordance with this, St James College recently engaged DIB to handle audio visual installations for their new foodtech room.

Camera systems have established themselves as a must-have addition to any modern foodtech or home economics room. Without cameras, a full class of students need to crowd around the teacher's bench in order to view demonstrations. The installation of HD cameras provides ALL students with a perfect view of the teacher's actions from the comfort of their own workstations.

This saves valuable class time and helps students clearly follow the teacher's actions.

For this installation, the DIB team mounted dual HD cameras from the ceiling. The system was designed with two cameras so that a detailed, high quality live feed can be displayed of both the teacher's stovetop and workbench. Switching between the two views was made easy by the installation of a footswitch below the bench. With the footswitch, teachers can quickly and effortlessly swap the video feed being displayed between the bench and stovetop cameras without having to stop what they're doing.

The system displays the live feeds from the teacher's workspace across two LED displays. An AppleTV was also connected to the dining space's Full HD display, letting Apple devices wirelessly display onto the screen. This is a fast and easy way for



Dual HD cameras

students with iPads or other Apple products to share their work and collaborate with one another.

Joey Micro 9 control panels were installed at the teacher's bench and on the wall of the dining space. Each control panel was custom programmed by DIB to simplify use of the foodtech audio visual systems. Both panels featured buttons to choose which camera's video would be displayed; turning the system on and off, and selecting a source from the AppleTV, laptop, or PC inputs. Each button is accompanied by an LED light which lights up to clarify which function is being performed. Altogether, the DIB team have



Teacher's footswitch

designed and installed an intuitive and easy-to-use audio visual system that will enhance the new foodtech classroom.

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

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



Powerful Video Conferencing Meeting Room System Installed in Victoria Police Multi-disciplinary Centres

Victoria Police enlisted DIB Australia to outfit two new Multi-disciplinary Centres with audio visual solutions. These centres provide support and services to victims of crime. The main part of this installation involved the creation of a meeting room audio visual system including video conferencing capabilities for each of the centres.

Two displays were installed in the video conference rooms: a 55" LED screen and an Epson MeetingMate interactive projector. Both technologies produce a brilliant image with great brightness and high detail. This means that any content displayed on the screens will be clear and easy to view, regardless of whether participants are looking at a high definition video or fine text on a scanned document. Of course, the Epson MeetingMate delivers much more than a simple display. It turns any suitable surface into a massive touch screen, perfect for creating more interesting, engaging and adaptable meetings. The MeetingMate projectors can also be used independently without plugging in a laptop or



Epson MeetingMate and Polycom video conference system

other device, facilitating instant meetings with virtually no setup time. This makes for a truly versatile solution that is sure to revolutionise any meeting space.

To handle the video conferencing itself, a Polycom HDX 7000 system was installed. The solution included a high definition camera, capturing in HD 1080p resolution. When combined with Polycom's HD technology, this makes for a crystal-clear video conferencing experience. Their software also makes it easy to share presentations and encourages collaborations between team members. The Polycom HDX is highly reliable and is ideal for video conferencing needs across industries. An Extron TLP control panel was installed, providing users with a simple way to operate all aspects of the system.

DIB have created a highly versatile meeting room, allowing

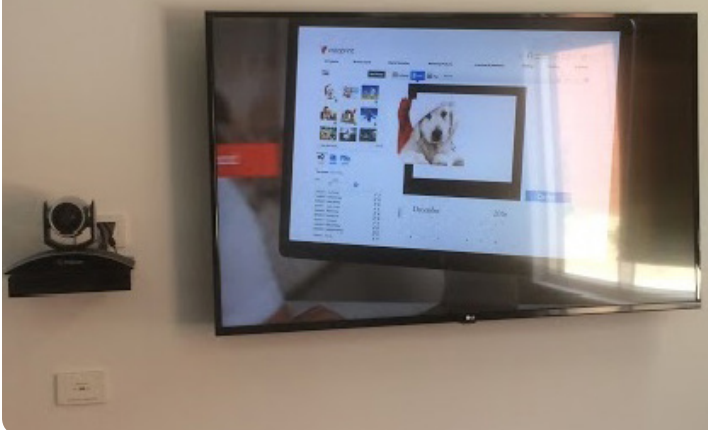
for engaging presentations with the help of the Epson interactive projector and effortless video conferences thanks to the Polycom system.

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



55" LED screen and Polycom system



A COMPLETE GUIDE TO ULTRA SHORT THROW PROJECTORS

Many of the latest and most capable projectors feature an ultra short throw design. Simply put, the throw of a projector is its distance from the screen. Therefore, a projector with an ultra short throw will beam its image onto a surface that is very close to the device itself. These projectors are most common in small venues like classrooms or boardrooms.

COMPACT PROJECTOR, BIG IMAGE

Often the throw of your projector will depend on the space in which it is being installed. When designing any projector system, a DIB Australia consultant will often visit the location to assess the space and choose the right projector. While a theatre may use a projector with a long throw, classrooms will often utilise a projector with a short or ultra short throw. One main reason that ultra short throw projectors have surged in popularity is that they allow for a large and bright image to be produced in a very small space. They can project images from close range where other non-ultra short throw projectors may need to be metres away

from the projection surface. Due to their compact nature, ultra short throw projectors are perfect for classrooms.

FREE FROM SHADOWS AND GLARE

Ultra short throw projectors are also favoured because they eliminate two of the common drawbacks of traditional projectors – annoying glare and disruptive shadows. Anyone who has attempted to give a presentation in front of a projector display will know this distraction and pain of trying to ignore or squint past the glare from the projector's light beam.

Similarly, standing and gesturing in front of a traditional projector will block the beam and cast shadows



onto the display. These drawbacks of traditional projectors are disruptive and can quickly ruin the audience's viewing experience. Ultra short throw projectors eliminate these issues by projecting from close to the display surface, above the heads of any presenters. This lets the teacher, student, or presenter

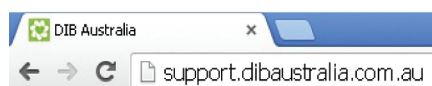
move and gesture freely. They are able to stand wherever they want without having to worry about being blinded by glare or disrupting the display with shadows. This is especially important for interactive projectors as users are constantly performing motions and annotations on the display.

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STEPS TO LOG A SERVICE REQUEST (DIB Australia)

STEP 1

Log on to support.dibaustalia.com.au



STEP 2

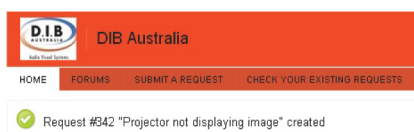
Click 'SUBMIT A REQUEST'

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.

Sign-up to DIB Australia

Please fill out this form, and we'll send you a welcome email to verify your email address and log you in.

Your full name

Your email address

Your Twitter account (optional)

Please verify that you are human 35768545

Type the above two words in the box below