ISSUE 43

D.I.B AUSTRALIA
Audio Visual Systems

NEWSLETTER

9-11 Percy Street, Heidelberg West, Victoria, 3081 PH (03) 9457 4800 FAX (03) 9457 4801 E info@dibaustralia.com.au

UNIQUE PROJECTOR SOLUTION CREATES UNCLUTTERED SPACE AT PENOLA

Penola Catholic College is a Catholic, co-educational regional secondary college in the Josephite tradition of St Mary of the Cross MacKillop. Established in 1995 and set on 27 acres across two campuses (Broadmeadows and Glenroy), it serves the north-western region of Melbourne.

Recently the College has undergone some refurbishments and added new buildings. In the new McCormack Centre for Year 9 students, College staff wanted to have the most effective, latest teaching technology that would be user friendly and adaptable to the varied styles of teaching.

Nexus Foyer with unique projector solution & digital signage

DIB Australia was called upon to design and install audio visual equipment for their 10 classrooms, seminar room and the Nexus Foyer. However, the building project was well underway and DIB Australia had to work quickly to ensure a tidy and user friendly design. The very high ceiling of the Nexus Foyer meant that there was lots of natural light and this needed to be taken into consideration during their design stage.

DIB Australia worked very closely with the College's Property Manager, ICT Manager and their architects, Clarke Hopkins Clarke Architects, to finalise all the small details. They started by the demonstration of the latest in teaching technology - the Epson EB-1410Wi Meeting Mate interactive projector. Once the College had settled on that as their core product, DIB Australia proceeded to review the building's site elevations and other documentations to get power, data and AV services located correctly so that it was practical for users and aesthetically pleasing. DIB Australia created AV services elevations for each room to ensure that both the College and builder were aware and coordinated. Power and data for projectors ran through the roof space and adjustments were made to their planned whiteboard sizes to allow them to have plenty of usable whiteboard whilst running the interactive projector.

In the Nexus Foyer, DIB Australia designed a unique long throw projector solution with an Epson EB-G6050W which shoots diagonally across their open space in the middle of the building and makes use of a wall behind a small stage to create an effective AV space. The unique design leaves the space uncluttered with no big projectors or AV hanging from the ceiling. The seminar room was installed with a 60" Sony Pro Bravia monitor for full HD images. All systems feature control panels (Epson & JED T430) and audio.

The McCormack Centre was also fitted out with OneLan digital signage. Four 46" & 55" Philips Full HD LCD commercial screens were used. The simplicity of operation for the users and high quality signage was a winner with the College.

Overall Penola Catholic College have a beautifully designed building with AV which is simple to use. Property Manager, John Gribble, received very positive feedback from staff. They have found special functions of the EB-1410Wi such as interactivity without the need for a connected laptop handy as well as being able to save annotations to server or USB. DIB Australia's attention to detail and high quality finish was truly appreciated by the College.

For more information on this installation visit http://dibaustralia.com.au/?p=1681 or for information on Audio Visual equipment for Classrooms, Seminar Rooms or Foyers, please contact a DIB Solution Consultant on (03) 9457 4800.

CONCORD SCHOOL'S REVOLUTIONARY NEW MULTISENSORY SPACE

Concord School, with its main campus in Bundoora, is a P-12 specialist school for students with a mild intellectual disability. In November, 2013, The Discovery Centre was opened to transform student learning. This innovative new space provides an interactive environment that stimulates the senses and caters for the learning styles of all students with each zone having a distinct educational purpose. The multisensory, interactive, learning environment (MILE) allows students to become fully immersed in whatever topic they are learning. Room temperature control, projected images on ceiling and walls, sound and smell are all linked to the displayed images and video for an incredibly realistic experience.

Exhibition Studios, who are leaders in the creation, design and construction of imaginative educational spaces, designed this inspiring new building. Concord School then engaged the services of DIB Australia to find a unique display solution.

In addition to special down facing projectors with ceiling projector screens, the school wished to fill a wall with a large projected image. As these already installed projectors and screens were in the same area as the proposed new wall image, mounting a projector on the opposite wall or from the ceiling in the middle of the space was going to be difficult. The projector was therefore required to be in very close proximity to the wall for projection. This in turn however, would greatly inhibit the size of the image the projector was able to produce.

As the aim was to fill the wall area as much as possible, DIB Australia proposed installing two Epson G6350 XGA, 7000 ANSI lumen projectors side by side with lens shift and new edge blending technology. DIB Australia was also able to mount the projectors less than one metre from the wall by using the new Epson Ultra Short Throw (UST) lens for G series projectors.

The projectors are hidden above the ceiling projector screens and with the use of the high downward angle from the lens shift and UST lens, the projected image was able to start close to floor level. The end result was an impressive 5m wide by 2m high bright image spanning across the wall. DIB Australia also installed a Joey 6 control panel for ease of use in an adjacent room.

Concord School are delighted to have been able to achieve their desired outcome and are especially impressed with the size and seamless image blending the projectors create.

For more information on this installation visit http://dibaustralia.com.au/?p=1672 or for information on Audio Visual equipment for Open Learning Areas, please contact a DIB Solution Consultant on (03) 9457 4800.

Large image created with two projectors - edge blended

Two Epson G6350 XGA projectors mounted discreetly above an existing ceiling projector screen

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Ivanhoe Grammar Implements Lifelike Video Conference System

Ivanhoe Grammar School prides itself on providing families in Melbourne's North with leading educational outcomes. Campuses are situated in Ivanhoe, catering for students from Early Learning to Year 6 at Buckley House and Years 7 to 12 at The Ridgeway Campus, and Mernda with the Plenty Campus for Prep to Year 12.

DIB Australia installed new video conferencing systems into the new administration block at the Plenty Campus and also the Business Centre Conference Room at The Ridgeway Campus over the Christmas School Holidays.

The school requested a high quality and user friendly video conference system which would allow both school administration staff and teachers to video conference between the school campuses. Image clarity and ease of use was paramount to the school, to improve the quality of the video conferencing experience and to reduce the need to travel between the campuses and meet face to face. This not only saves time but can also support cross campus teaching for special subjects and training.

The technology was integrated and installation coordinated into the building program. Video conferencing takes into account many issues including: lighting, room acoustics, room layout, screen size and layout, camera location, microphone placement, ease of control, ease of connection and more. All of these aspects were designed and coordinated into the building process at Plenty Campus and taken into consideration at The Ridgeway Campus.
The initial step was for DIB Australia to demonstrate a range of technologies to Ivanhoe. This involved taking their clients to Polycom's head office in Melbourne where a full range of equipment could be evaluated and experienced. From there, a preferred technology was identified and design and costing of the setups began.

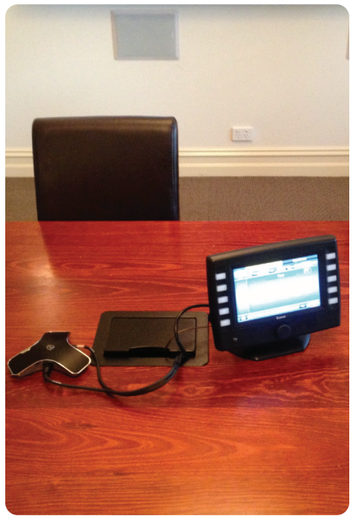


Table box for connection of microphone and control system on conference room table

The Ridgeway Campus Business Centre Video Conference System with flush mounted wall speakers, Philips 55" HD screens and Polycom's Eagle Eye Director camera system

The chosen Polycom RealPresence Group 500 video conference codec system made use of Polycom's unique and proprietary 'Eagle Eye' technology. This technology adds significantly to the feeling of actually being in the room even though the other party are not. In a video conference experience, as people speak the dual camera automatically zooms in on them and frames them like a portrait so you feel closer to them. Then, when another person speaks, the system pans via a full view to the other person so it's like shifting your attention naturally across the room.

Another aspect which makes the system special is the custom touchscreen interface that DIB Australia developed for Ivanhoe. Using the Extron TLP700 touch control system, careful attention was paid to creating a user interface which was very simple to use when starting a conference and also very simple when users wanted to share content with the remote party.

The conference system setup uses dual Philips BDL5520QL 55" full HD screens and full HD Polycom Eagle Eye Director camera. With Polycom's codec technology, we were able to achieve full HD images and high quality sound. DIB Australia also integrated the whole setup with Ivanhoe's Microsoft Lync system allowing for easier communication between staff members.

Winston Mattson, Director of Systems and Infrastructure at Ivanhoe, worked closely with DIB Australia throughout the whole process and is pleased with the finished result at both campuses. Winston says, "We have a reliable conference system & it's easy to use." This, along with smart looking screens, and blinds and lighting fully integrated into the system at the Plenty Campus makes for a professional looking boardroom.

For more information on this installation visit http://dibaustralia.com.au/?p=1683 or for information on Audio Visual equipment for Boardrooms/Conference Centres, please contact a DIB Solution Consultant on (03) 9457 4800.

Use your phone to scan this QR Code and be taken directly to more information

Polycom's Eagle Eye technology provides a realistic and natural view of speakers during conference

Simple to use Extron TLP700 touch screen control system

AV rack housing video conferencing equipment neatly located in cupboard

Phonak - Dynamic SoundField

'A new era in classroom amplification'

Students need to hear their teacher's voice clearly in class, however, there are factors which can make this difficult for hearing impaired students and even for students with normal hearing. A teacher often ends up repeating their instructions and raising their voice to be heard which in turn can lead to voice strain.

Phonak's fully portable Dynamic SoundField system clearly amplifies a teacher's voice, offers high directionality and creates far less problematic reverberation than any existing soundfield system.

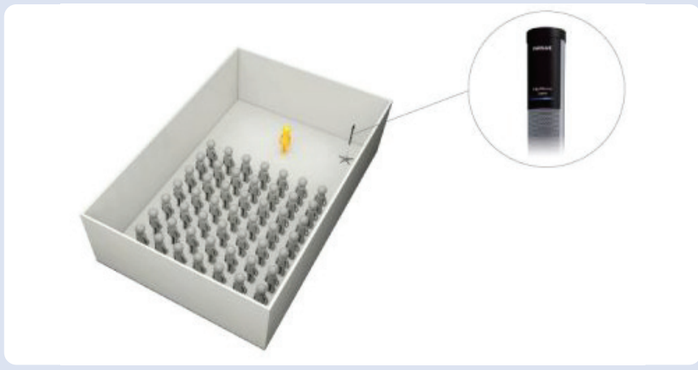
PROVEN BENEFITS

- Students' listening and learning skills improve
- Less speaker repetition required
- Enhanced class instruction and management
- Less teacher vocal strain

FEATURES

- A Phonak Insipro wireless Dynamic FM transmitter with iLapel is worn by teacher
- DigiMaster 5000(regular sized classroom) or 7000(larger classrooms, lecture halls and auditoriums) portable loudspeaker unit either mounts on wall or on floor stand
- Sound carried across a large area with only one loudspeaker required per typical classroom
- Automatically optimises its amplification parameters depending on the acoustical properties of its environment
- Volume of the system adapts itself automatically to the level of the background noise ensuring optimal listening conditions
- One transmitter can be used to transmit both FM and soundfield signals
- Can co-exist with school's WiFi and bluetooth networks
- Integrates effortlessly with FM systems for hearing impaired students
- The only system that is 100% compatible with Phonak FM and Roger technology (In Australia, any hearing impaired person 26 years and under is fitted with a Phonak FM/Roger device.)
- Future proof - Easily upgraded as hearing aid technology changes.

For more information on the Phonak's Dynamic SoundField system, visit http://dibaustralia.com.au/?p=1662 or please contact a DIB Solution Consultant on (03) 8457 4800.



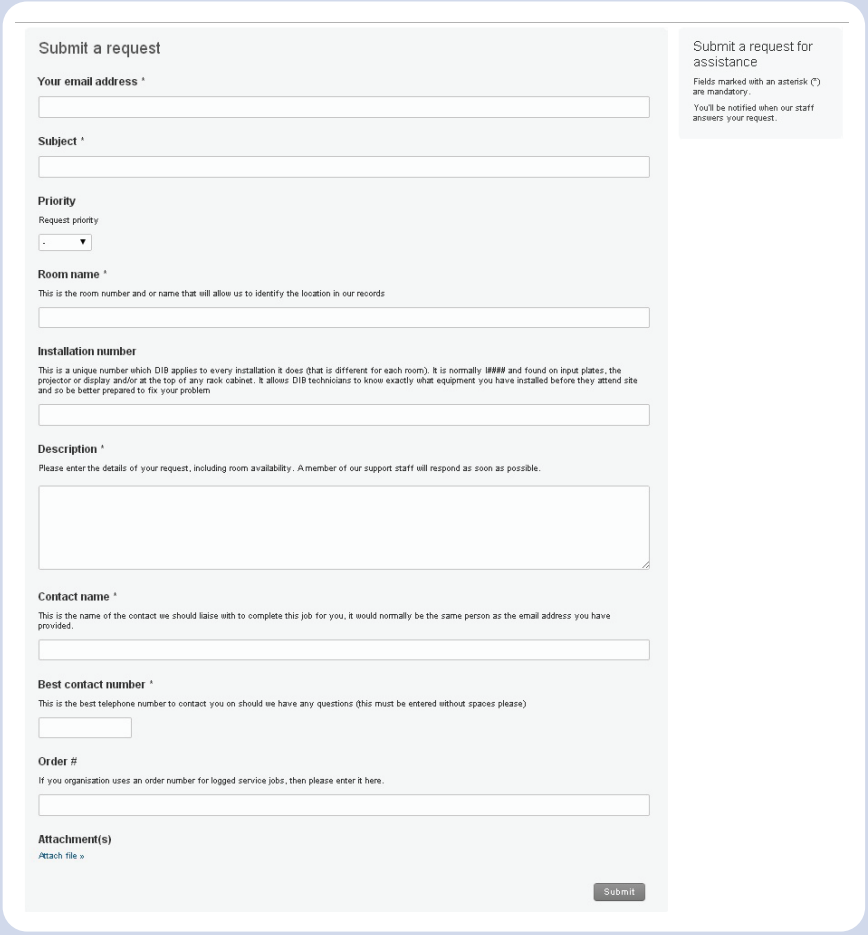
HINTS & TIPS

LOGGING A SERVICE REQUEST OR FAULT WITH DIB AUSTRALIA ONLINE

DIB Australia has recently launched a new online support service for logging service requests or faults.

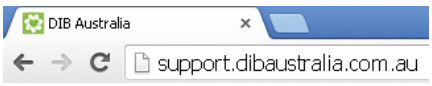
INSTALLATION NUMBERS

This is a unique number which DIB applies to every installation it does. It is normally I#### (I for installation followed by 4 digits) and found on input plates, the projector or display screen and/or at the top of any rack cabinet. It allows DIB technicians to know exactly what equipment you have installed before they attend site and so be better prepared to fix your problem.



STEPS TO LOG A SERVICE REQUEST

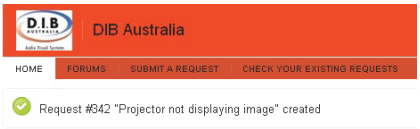
STEP 1
Log on to support.dibaustralia.com.au



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.

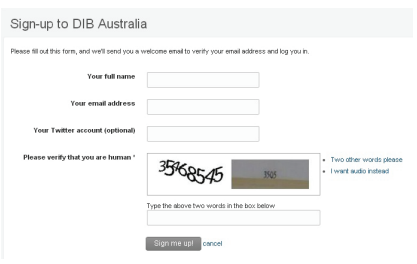
STEP 4
Click 'SUBMIT' and a confirmation page will be displayed with a request # and your subject line. An email will also be sent to your inbox notifying you that your request has been received by the support staff.



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.



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