



Audio Visual Systems

NEWSLETTER

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Concord School - Bringing The Stage To Life

Concord School in Melbourne specialises in teaching students with a mild intellectual disability to get the most from their education. They're fully committed to bringing out excellence for their students by using the best practices in teaching and learning and combining them with the latest and best learning technologies.

The Situation - Projection and More Projection

The school has an active commitment to performing arts and they recently decided they'd like to add a little extra to enhance their plays and performances. This was to be done by the addition of backdrops and scenery to the stage through projection. However, it wasn't as simple as installing a screen and a projector as there was already one in place. This existing setup used a motorised screen and projector that was fully mounted in a cage around 5 metres from the stage. Whatever solution was used it wasn't allowed to interfere with the existing equipment which is used to support school assemblies and the delivery of presentations.

The Problem

The existing setup left the school with a couple of problems to overcome. First, the use of a motorised screen meant that it would be difficult to choose a new projection surface that didn't interfere with the operation of the current screen.

Secondly, the current projector was already fairly close to the stage so the new projector would need mounting very close to the stage but still provide a large image as a backdrop.

The Solution

A cyclorama was the obvious choice for a projection surface. This is a projection surface that may be placed level with the back of the stage and ideal for using for background projection. Better still it could fit behind the original screen without interfering with the operation of that screen. The projector chosen was a new Epson G-Series EB-G250W. It comes with an ultra-short throw lens that allowed it to be installed at a distance of only 3 metres from the stage and mount against a beam which kept it out of the way of the existing equipment. The ultra-short throw lens meant that the school wasn't compromising on image size – even at that close range the Epson provides over 200" of projection space. The school says that they're really impressed with the clarity and brightness of the image and that even stage lighting doesn't affect that clarity.

For more information on Audio Visual equipment for theatres/halls, please contact a DIB Solution Consultant on (03) 9457 4800



Concord's new Epson EB-G250W mounted behind stage beam just 3 metres from projector screen!



Projector is mounted discreetly in black cage

Lloyd Street Primary School – Getting Interactive

Lloyd Street Primary School is an International Baccalaureate school for primary aged children. It's based in Malvern East and the staff is responsible for the education of over 500 students. Their curriculum offers a broad blend of activities with a focus on how the children learn as well as providing them with the best opportunities to succeed.

The Situation

Lloyd Street made the decision that they wanted to invest in interactive technology to support the learning of their prep students. They wanted an interactive learning solution that allowed every child, from the very smallest, the opportunity to reach and interact with. The classrooms did not have much in the way of wall space, so ideally they wanted to have a freestanding board. They also hoped that the solution

used would offer as much functionality as possible and complement their program.

The Solution

The staff at Lloyd Street had seen a cheap interactive LCD unit but there were some concerns about the viability of the product in the classroom. These included sharp edges, lack of audio support, wheels that might not withstand the regular movement, etc. Fortunately the iJunior product was designed by teachers for teachers and it's designed to be safe and usable in the classroom. However, given the increased cost of the product compared to the alternative the staff wanted to see it in action. The teachers at Melbourne Grammar were happy to help them out. They've been using the iJunior for a while and

they allowed some of the staff members of Lloyd Street Primary School to see the iJunior in action. It's 55" LCD frame with built in audio allow not just for interactive lessons but also for a surface to watch high-definition educational programming too without the need for additional (and space consuming) speakers.

What do Lloyd Street have to say about the solution now that it is in place? "Our preps and our prep teachers absolutely love their iJuniors and they are used every day. The LCD side is used for word work, interactive maths activities, Youtube provocations, displaying photos and recordings of students reading and much more. The whiteboard side is the main whiteboard used by the teachers and doubles as a book easel for big book reading."

For more information on Audio Visual equipment for classrooms, please contact a DIB Solution Consultant on (03) 9457 4800.



iJunior interactive LCD



The iJunior fits right in to the teaching style at Lloyd St Primary School



An everyday whiteboard on the iJunior

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St John's Regional College - Upgrading A Theatre

St John's Regional College, based in Dandenong, is a Catholic co-educational community. They aim to provide an environment where students are engaged, where students can achieve and where students are happy and feel like they belong. There's a focus on active participation across the whole learning process. The college also recognises sporting and artistic achievements alongside more traditional academic excellence.

Upgrading a Theatre

St John's had recently renovated their existing theatre complex. However, their projector was nearly 10 years old and had stopped working and the audio system was also a long way out of date. They wanted to ensure that the space could be used by a wide variety of departments including the Music, Drama and Performing Arts. They've worked with DIB on projects in the past and that gave them confidence to approach DIB to make the best use of the space.

A balance needed to be struck between the use of the space for small classes and lectures and the need for

occasional larger productions. The trick is to strike a balance between the day-to-day use and the more complex needs and ensure that budgets are respected without compromising functionality. A full design process was called for. The various stakeholders of the space were identified and their needs for the use of the theatre acknowledged. Then a physical system was designed that could separate the components as needed.

Keeping the complex simple

The final system chosen includes some great complex components like an HD Epson EB-G5750WU projector, some Turbo Sound TC10 speakers and an XA1400 Australian Monitor amplifier. However, on the day to day front this is simple to use for teaching with a VGA and HDMI port for laptops kept in a floor box by the teacher's location at the Lectrum L20S lectern. There's a Blu-Ray player that can also be accessed simply. Users can access all common functions from one of two simple control panels. The more complicated equipment associated with the bigger occasions is housed in a rack that's locked away from the day-to-day users. These can all be

powered on with the press of a button. There are all sorts of advanced audio controls (for a 16 channel digital mixer for example) and other video controls too; to keep this simple they are housed in a bio box where all the controls can be accessed through a mirrored interface of those in the rack.

A great example of simplicity can be found in the lectern where there's a simple integrated loom and volume control for standard presentations. The microphone can be plugged into a floor box and there's a simple volume control on the lectern so there's no need for a lecturer to use the bio box and thus the settings need adjustment an advanced user can access the bio box and set the controls themselves.

The school is really pleased with the solution which they say makes it simple for a teacher to walk in the room and just teach without having to master any system complexities.

For more information on Audio Visual equipment for theatres, please contact a DIB Solution Consultant on (03) 9457 4800.



- 1: St John's newly upgraded Theatre
- 2: Joey Lite simplified control panel in Bio Box as well as in Side Stage room
- 3: PreSonus StudioLive 16 Channel Digital Mixer located in Bio Box
- 4: Lectrum L20S lectern with fold out shelf, microphone mixer & light
- 5: Epson EB-G5750WU projector



Epson's New G6000 Series Projectors

Proudly presenting Epson's first 7000 lumens projector that uses only one lamp!

Whether you're presenting in a conference room, auditorium, stage or house of worship, these powerful projectors will keep your audience captivated.

Key Features:

- 3 x Brighter Colours and reliable performance
- Edge Blending – Combine multiple individual images to create one seamless giant image
- SDI and 2 x Digital connections – Digital quality and distance flexibility up to 100m
- HDBaseT – Transmit Full HD video and audio, Ethernet and serial communication through a single CAT 5/6 cable that can be extended up to 100m
- 360° Installation – Install on any plane, from horizontal to vertical
- Arc and Point Correction – Fine tune image geometry to perfection
- Passive 3D – For stacked 3D applications using polarised passive glasses
- Six optional Lenses with Lens Shift

Advanced, integrated edge-blending technology

Enhance the experience with seamless panoramic, multi-screen images that blend edges by matching colour and brightness perfectly, even in areas that overlap. The EB-G6900WU takes edge blending one step further with curved surface and corner wall support. Project on horizontal or vertical walls while also using edge blending to heighten the experience even more.

For more information on Epson's new G6000 series projectors, please contact a DIB Solution Consultant on (03) 9457 4800.





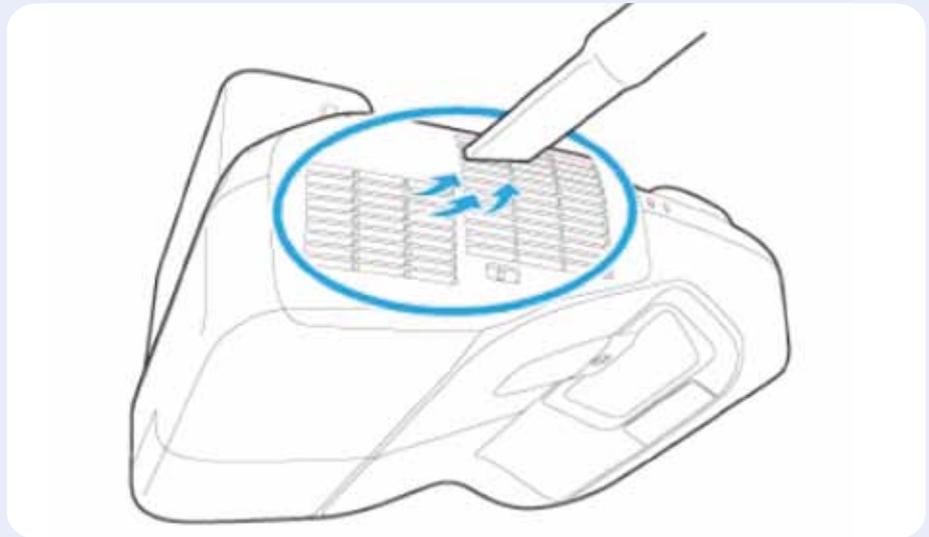
HINTS & TIPS

Basic Projector Maintenance

It is important that you look after your projector with some basic maintenance. You should clean the projector if it becomes dirty or if the quality of projected images starts to deteriorate.

WARNING: ALWAYS TURN OFF YOUR PROJECTOR BEFORE CLEANING!

Many newer projector models do not require a great deal of maintenance; however, older models should have their air filters cleaned on a regular basis.



Cleaning the Air Filter

It is recommended that you clean the filter and air vent on your projector at least once every three months. Clean them more often than this if using the projector in a particularly dusty environment.

NOTE: Clean the air filter immediately if a warning message is displayed, as it may otherwise lead to a malfunction or early deterioration of optical parts.

Do not rinse the air filter in water. Do not use detergents or solvents.

Cleaning the Projector's Surface

Clean the projector's surface by wiping it gently with a soft cloth.

If the projector is particularly dirty, moisten the cloth with water containing a small amount of neutral detergent, and then firmly wring the cloth dry before using it to wipe the projector's surface.

NOTE: Do not use volatile substances such as wax, alcohol, or thinner to clean the projector's surface. The quality of the case may change or become discoloured.

Cleaning the Projection Window

Use a commercially available cloth for cleaning glasses to gently wipe the projection window.

NOTE: Do not rub the lens with harsh materials or subject the lens to shocks, as it can easily become damaged.

DIB Australia can arrange a full service of your school's projectors complete with a written report. Contact our Service Department to discuss a service plan on (03) 9459 0000

Launch of New DIB Australia Website



We are excited to announce the launch of our newly developed website! It has been a long time coming but well worth the wait with new content, blogs, testimonials, photos and previous newsletters all on hand.

Check it out now and let us know your thoughts...

www.dibaustalia.com.au