

D.I.B Australia Goes Green

Recently D.I.B Australia set about making a conscious effort to take onboard a number of environmental initiatives to do our part in the global challenge of reducing our ecological footprint. We are proud to have subscribed all our company vehicles to the Greenfleet® program and as a proud supporter are offsetting the carbon emissions of each of our vehicles, plus a further

10%. In addition to using more energy efficient lighting and fully subscribing our office to 100% Origin GreenEnergy® we are also committed to recycling approximately 95% of our cardboard and paper through VISY Recycling®. As our business grows and changes we will continue to review our operations and equipment purchases with environmental implications in mind.



Box Forest Secondary College's Science Room Experiment

Box Forest Secondary College's new Science Centre opened to much fanfare at the end of 2006. Having completed the AV cabling for this building during construction, D.I.B was chosen to outfit two remaining labs with a complete data projector installation. Acting College Principal Paul Dingle, specified the requirements for both rooms and DIB set about making it all come to life. The latest projector to market, the Epson EMP-83 was accompanied by a 100" Grandview manual screen and 50W powered speakers to give that extra dimension to the room's sound. The final touch to what is now a fully equipped and feature driven Science Room was the Joey Micro control panel commanding the entire projector solution. In one lab the control panel was actually mounted on the science bench itself, allowing teachers easy access to the controls, along with computer and RCA inputs to plug in various devices. If you have a specialist room that needs a tailored solution contact a D.I.B consultant today!



ABOVE LEFT: 100" manual pull down screen – the centrepiece of the science lab.
ABOVE RIGHT: The EMP-83 purpose built for classroom use.
LEFT: Control station! Computer inputs & control panel mounted on science bench.

ALSO INSIDE THIS ISSUE...

Smartboard AV Solution for the Grange P-12 College.....	2	Advantages of Control Panels in the Classroom.....	4
The Flipper - The Grand Opening	2	More information/Update your contact details.....	4

Smartboard AV Solution for The Grange P-12 College

Often when purchasing Interactive Whiteboard's (IWB) the importance of additional AV equipment required to make this technology work is overlooked. Not wanting to fall into this trap, The Grange P-12 Colleges' Deloraine Campus approached D.I.B Australia to assist in incorporating both IWB and projector technology. Having completed numerous works of a similar nature at various sites in the past, D.I.B created the best solution for the school despite the fact that the Smartboard was purchased elsewhere.

Aiming to provide their students with a superbly resourced and mature learning environment, the school's Leading School's ICT Facilitator Lesley Jackson worked closely with Solutions Consultant Sam Garden to create the ideal 'Interactive Whiteboard Ready' solution for a number of rooms, including; an IT classroom, Conference room and Teacher Learning Centre (TLC).

All three rooms incorporated Smartboards® (purchased by the school), Epson EMP-82 projectors and 50 watt commercial wall mounted speakers. Encased in fully enclosed racks were the Joey Micro control panels along with DVD/VCR combos. For the IT classroom and Conference room these enclosed racks were custom built to be of a larger size so that so that they were able to house a permanent full sized PC.

When it came to the Smartboard® installation, a number of factors were considered, including; full bracket assessment, planning and installation of serial USB cables and most importantly the positioning of the boards themselves (it needed to be at a height that students could reach without over stretching). However the key feature of these installations was a built in USB switch (splitter) so that either the fixed PC (located in the rack) or a laptop connected to the wall mounted VGA plates could both access the Smartboard®. This means that there is less hassle plugging and unplugging numerous cables each time.

If you too, have works that require the installation of Interactive Whiteboards whether supplied by us or not contact a D.I.B Solutions Consultant today.

The techs were organised in their approach and were willing to stay onsite even after I had left"

- LESLEY JACKSON, LEADING SCHOOL'S ICT FACILITATOR.



The Flipper – The Grand Opening



ABOVE: Images show the Flipper both retracted in ceiling and then lowered with projector on display

Set to revolutionise the functionality of a room and provide an aesthetically pleasing projection solution, The Flipper is the latest in stylish 'above ceiling' projector mounting units. Working on a simple principle, the projector is mounted into framework above the ceiling. Upon activation the Flipper, using unique Flip-technology safely and smoothly rotates the projector 180 degrees into position ready for your viewing enjoyment. Built to be a complete solution, the Flipper ensures a higher level of projector alignment and fine tuning; simpler installation and simplified ceiling integration. What's more, when not in use, it remains hidden above the ceiling with the projector out of sight, leaving the room clear and uncluttered and maintaining the clean lines of your interior. Its ingenious design enables it to fit into small ceiling cavities, and gives users piece of mind about the security of their projector. In addition, its precision motor is so quiet you'll hear others sigh with envy.



MAIN: Interactive Whiteboard Ready TCL room; complete with Smartboard®, powered speakers & projector system **TOP RIGHT:** EPSON EMP-82 projector ceiling mounted **MIDDLE RIGHT:** 1Student interacting with Smartboard **ABOVE:** Powerful & versatile Smartboard® chosen by The Grange and installed by DIB Australia **FAR LEFT:** Teachers and students interacting with use of the Smartboard®



HINTS 'N TIPS

EXTENDING THE LIFE OF YOUR PROJECTOR



Like all electronic devices projectors have a limited lifespan. Regular maintenance programs and correct operation will help to extend the life and reliability of your projectors' operation, ultimately lowering your total cost of ownership. The following are some hints to consider;

PROJECTOR HOURS

In many cases projectors can be left on by accident, this can cause excessive operation and can decrease the lifespan of the projector and its lamp. Many projectors should NOT be run beyond 10 hours in a single instance of use. Solutions such as "Automatic Projector Shutdown" exist to ensure that a projector is switched off even if the operator forgets.

VENT YOUR PROJECTOR

Ambient room temperature is a key issue which is often overlooked. All projectors have a suggested operating range which should be carefully observed and adhered to. Typically the maximum air temperature is about 35-40 degrees. This means that the air circulating through a projector should not be warmer than this. In addition you should also ensure that you have adequate ventilation around your projector so heat can dissipate. Do not cover the vents on the side or the front of the projector. Store your projector in a cool, dry place. Excessive heat & moisture can cause extreme damage.

TIPS TO CLEAN YOUR PROJECTOR LENS

Our maintenance programs help to extend the life and reliability of your projectors operation. However there are also a number of ways in which you can help to service your own projector too. Begin by blowing dust off the projector lens by using a can of compressed air. Be careful not to spray the compressed air too close to the projector lens. A safe distance is approximately six to eight inches from the projector lens. You can also clean your projector's lens regularly with a lens cloth. This will guarantee the best image quality and can be purchased at most camera stores.

FILTERS

Filters are installed to reduce the amount of dust which enters the projector. However like most air filters dust still manages to get through and overtime this will build up. Clogged filters do not vent heat properly, causing the projector to overheat leading to lamp failure and the need for a replacement bulb. Always use the air filter, operation without it allows the projector to draw in dust, smoke & other particles in the air. It is recommended that filters are cleaned every 3-6 months, depending on frequency of use.

For more information on how you can extend the life of your projector or to book in for a service call a D.I.B Australia today on (03) 9457 4800.

For more information on extending the life of your projector contact a D.I.B Solutions Consultant today

MORE INFORMATION/UPDATE YOUR CONTACT DETAILS

ARE YOUR CONTACT DETAILS CORRECT? PLEASE UPDATE AND FAX BACK TO US

Tick the appropriate boxes below & fax this page back with your contact details.

Additionally, if you have any AV tips that you wish to submit fax them along also!

- IWB
- Racks with fixed PC
- The Flipper
- Other_____

Name: _____

Title: _____

Address: _____

Phone: _____

Email: _____

Fax to (03) 9457 4800