

# SYSTEMS SOLUTIONS



## Kingswood College Shifts to Short Throw for Longer Value

By Jade Leopoldo

Established in 1890, Kingswood is a co-educational college located in Box Hill, Melbourne that proudly educates students from Kindergarten to Year 12. The college prides itself on offering its students the greatest facilities in which to grow and learn.

With this in mind, the school set about finding more information regarding the 2Touch Interactive Whiteboard (IWB) after seeing it in action on the D.I.B stand at the Firkbank Grammar IWB Conference in late August 2008. After reviewing the boards' features

and benefits, it was decided that they would commission the installation of two 2Touch Interactive Whiteboard's into the College including one in the new Science building.

In addition to the two IWB installations, projector systems were also to be installed into a number of other rooms in the new building including; chemistry, biology, psychology and physics classrooms as well as in a Science Lounge.

Now fully installed, each of these rooms contains 50W active speakers as well as computer RGB input, auxiliary video input and Joey Micro control panels. These inputs and control panels are neatly mounted on an angled Module Bench mount located on each room's island bench for convenient and quick access for teachers whilst they conduct classes. In addition, video and stereo audio has been cabled to be IPOD ready to enable students to plug in IPOD video and audio devices for display'— a feature that in recent times is increasingly being used in schools.

However, the centre piece of each room's installation works is undoubtedly the Sanyo PLCXE50 Ultra Short Throw projector. This projector is specifically designed for use within schools and colleges. Installed, the projector barely protrudes from the wall and its bright colour and unique design are extremely noticeable, ensuring that if the unit was stolen it can easily be identified. With 2000 ANSI lumens, it has the worlds shortest projection distance, meaning it can in fact project an 80" diagonal 4:3 image in XGA resolution from a mere 8cm throw distance. Ultimately this means that there are no hot spots and



Installation in Junior School room, with 2Touch Interactive Whiteboard and side view of Sanyo's PLCXE50 Ultra Short Throw projector

no bright lens for the teachers at Kingswood College to look into. Any shadow effect points directly downwards, thus having little effect on teachers and students who are using the IWB.

Whilst all the rooms encompass the same features, two classrooms now also include the installation of 2Touch Interactive Whiteboards. These rooms (a general Science classroom in the new building along with a classroom in the Junior School) include cabling installed for their 2Touch boards back to the rooms' projector input plate for simplified connection to either a desktop PC or a teachers laptop computer. The cabling was done as discretely as possible so as to not affect the aesthetics of either of the rooms. With these new Interactive Whiteboards installed teachers and students at Kingswood College can now enjoy a more interactive way of teaching and learning. For example, pupils can engage in such science related activities as literally looking inside a kidney and taking it apart (without even getting their hands dirty!), all thanks to 3-D imagery on the now ubiquitous Interactive Whiteboard. This is just one of the many activities that can enhance the learning process in their classrooms.

[www.dibaaustralia.com.au](http://www.dibaaustralia.com.au)



Moduline angled bench mount installed onto Science room's island bench for convenient and quick teacher access



Installation into Science Lounge showing Sanyo PLCXE50 not protruding far from the wall along with 50W self powered speakers on either side



Ultra short throw projector in Psychology room can project an 80" diagonal 4:3 image in XGA resolution from an 8cm throw distance



2Touch IWB install into a general Science classroom will allow for more interactive lessons!