

► **WELCOME**

Welcome to the latest edition of our newsletter. Recently Bendigo AV attended the National AV Conference call Intergrate in Sydney. This was an excellent opportunity to see first hand new and upcoming products which can be intergrated into AV designs to make your interaction with technology a whole lot easier. Listed below are a few ideas from recent installations that include some clever products which will help your presentation look even more Professional when using AV. With the end of another year it is a great time to have a look at how an AV system can benefit the productivity of your business with updated products for 2014.

As always I hope you find this newsletter of interest and if you require more information on how we can help with completing your Audio Visual Installation, please give us a call.

Warm Regards,

Daniel O'Brien

Bendigo Audio Visual - Completing Your Vision

► **Interactive Training Spaces**

West Wimmera Health Service, covering the remote areas of western Victoria, has recently completed a transformation of their Allied Health and Medical Centre at the Nhill Hospital. The redevelopment delivered a new Multipurpose training and meeting room with the integration of an AV presentation system being the focal point.

The design brief required the room to be able to cater for a wide range of scenarios, including Guest speaker presentations, education training, staff workshops or the occasional social gathering.

The centre piece of the multipurpose room is a large 75" LCD multi touch screen. Connected to a local computer, the touch screen provided impressive "out of the box" interactivity.

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Wireless Tablet Connection

Using existing wireless network at your school or business, see how to mirror your tablet computer image to your projector.

Digital TV Modulation

With Larger and Higher Resolution screens being installed High Definition Signals need to be sent from source to screen for best results. See how Bendigo Audio Visual can assist.

Wireless Mic Trade-In Deal

With government changes to the wireless microphone frequencies see deal from Mipro which can have you upgrade your mics at a reduced price...

Boardroom Microphones

Desktop microphones for council chambers and boardrooms. See how one regional council over come not hearing important decisions being made...

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► Interactive Training Spaces

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A touch screen was the ideal choice for the size of the Multipurpose room as it provides interaction for health professional's presentations as well as live feedback and note taking for conferencing and brain storming sessions. Workshop collaborator's can either use their fingers or touch screen pen to digitally write on the screen, change slides, demonstrate website/new software and other digital content.

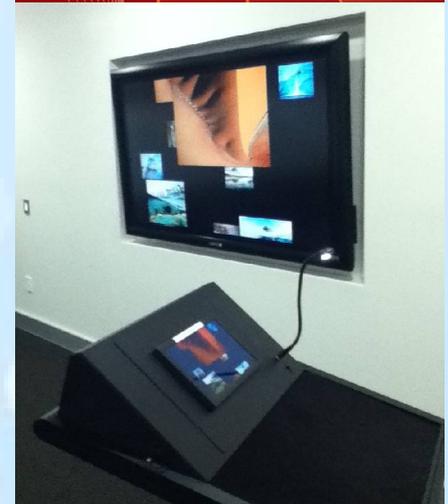
By using the large touch screen and dedicated software, presenters have all the features of an Interactive White Board without the problems of casting shadows on the screen (from the presenter) plus the added benefit of not needing to replace projector globes. Professionally installed and recessed to the main feature wall at the front of the room, the screen is a seamless addition to the room.

All sources in the system are connected via High Definition HDMI cables to a surround sound receiver with control via a Crestron Control System. The control touch screen for the whole system also included a new customised help interface. This help system enables operators to easily get tips on how to use the system for each different way that system is connected to or used, just by pressing on the help icon. The touch screen system enables easy control over all features of the Audio Visual system including the Lights and Blinds in the Multipurpose Room leaving time to focus on the main parts of the presentation or workshop.

Connections to the system can be made using an iPad which enables wireless mirroring of the computer screens to the main LCD touch screen. This means that for smaller meetings, the contents of a users device can be displayed on the large screen for all members to see. A new lectern with a built in Cue Monitor was also supplied for larger presentations. Guest Presenters can either view their computer presentation from the lectern and control with the traditional wireless keyboard and mouse or alternatively they can utilise the large touch screen to control the presentation. As with all presentation systems guest presenters can connect their own laptop or device using standard VGA+Audio or HDMI via a local wall plate.

The System including the following:

- Control Processor - Crestron CP2E
- Touch Screens – Crestron 7" POE Touch Screen
- 75" Multi-Touch Screen - CommBox
- Bose Surround Sound System via Denon 5.1 Receiver
- High Definition Digital TV Receiver & BluRay Player
- Wireless Device Presentation System
- Lighting – C-Bus Lighting & Blind Control over Ethernet



▶ **Wireless Microphone Trade-In Offer**

The Australian Communications and Media Authority (ACMA) has now set the date of December 31st 2014 to be the last day that wireless microphones that are tuned in the 694-820 Mhz frequency range can be used. If you own a wireless microphone system that sits only in the higher frequency range this will need to be upgraded. Mipro currently has a trade-in deal which give 30% off a new system for the trade in of your old wireless system.

Contact us to ascertain if your system is in the old frequency range and can't be returned to a lower frequency. The frequency range of your wireless equipment is normally printed on the back or bottom of your wireless microphone receiver or on the LCD menu display of multi channel equipment. If you are buying new wireless equipment it is advisable to purchase equipment with the largest possible frequency range below the 694Mhz.

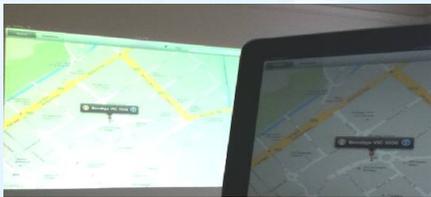
For more information on the changes to wireless frequencies visit:

<http://www.acma.gov.au/Citizen/Consumer-info/All-about-spectrum/WirelessMicrophones>

If you own a Handheld Mic, Head Set, Lapel, Portable PA with Wireless Microphone and in-ears monitoring system in the old frequency range contact us for a quote on a trade system.



▶ **Wireless Device Display**



With the use of personal touch screen devices becoming more common in teaching and business, comes new means of displaying your content and presentation on the Projector and Screen. With the addition of a wireless AV mirroring receiving equipment, a clone of the computer screen can be easily connected and displayed to the AV system wirelessly.

Apple iPad can be used to mirror the devices screen as well as send Video and Audio from your device to the installed AV system via Apple TV. Using Apple TV and an iPad and all you need to ensure is that your device is on the same wireless network as the AV system. There is no need to install any additional software.

There are other receiving devices which include the option to display multiple users screens at the same time, which can increase your ability to easily share ideas and documents from multiple users on the same large screen.

Apple, iPad and Apple TV are trademarks of Apple Inc., registered in the U.S. and other countries.

▶ **Digital TV Modulation**

As the demands for larger and higher definition screens increase to be installed into multi screen venues, the need for High Definition signals form source to screen become more important. A DTV system is ideal in venues with multiple screen; sports bars, schools, hospitals, functions rooms that require AV signals such as; Keno, Info/Ads Channels, DVD Players on one or more screens at the same time. These sources can be digitally tuned to LCD/Projector screens along with the normal Free to Air television. By installing a digital modulation system picture quality greatly improves with clear results at all times without the need to swap the inbuilt TV tuner over to the old analogue system which has been present in traditional MATV systems. Being a digital signal, the ghosting and sometimes present rolling lines through the picture will also be removed, providing a sharp, crystal clear picture.

Bendigo Audio Visual can assist with the design and upgrade of a multi screen Digital TV system for your venue, with most times, the ability to use existing cables and digital screen for a much sharper and professional result.



► Round Table & Boardroom Mic Systems

Large boardrooms or round table discussions with audience members often require amplification equipment for all members to be able to hear clearly. Best results are achieved when each participant who is required to speak has their own individual microphone either lapel, headset or desktop.

A recent solution provided by Bendigo Audio Visual to a regional council included a new desktop wireless microphone system for council members during their monthly meetings.

The system was installed into a multipurpose meeting room where council meetings are held and are open to members of the public to view. A wireless system enabled the microphones to be easily moved around to suit the different room configurations, while being able to be easily stored away when not in use.

The desktop microphones connected into the existing venue PA system via an auxiliary mixer and could also be upgraded to enable meetings or conferences to be recorded to USB memory stick and then emailed or published to the internet if desired.

Boardroom microphone solutions like this one can also be hardwired into a conference room for more permanent configurations where the room set up remains the same.



Why Choose Bendigo Audio Visual?

At Bendigo Audio Visual we understand that deciding on your next AV Installation is a very important decision. When it comes to Audio Visual Equipment this can also be a considerable investment in cost also.

All our quotes come in an easy to understand format so you can compare our complete AV solution to proposals from other installation companies.



You can also witness reasons why you will benefit from choosing Bendigo Audio Visual for your next project by visiting our website to find out more or call us on 1300 987 738.

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