Focus On...

TEC

Wireless Projection #2....

EPSON *release 802.11G Wi-Fi® wireless with EMP-1825*

The **EMP-1825** features **3LCD, XGA & 3500 ANSI**. The compact design is very slim and stylish making it light enough to carry anywhere and make an impressive presentation. **A/V Mute Slide - For More Effective Presentations** You can quickly stop and resume projection easily by opening and closing the A/V mute slide. **New Smart Connection: USB Display** Connect to a PC using a convenient USB cable instead of the traditional RGB cable. **Speedy, Smart, Wireless Function** Connection set up is easier than before including Windows Vista™ connectivity with increased speed. **Advanced Security** Wireless security has also improved with WPA-PSK, and WPA-EAP (Enterprise Mode). **Multi Screen Display** Transmit pictures from different applications to up to 4 projectors at the same time using a single PC. **Movie Sending** After receiving the animation data (MPEG2 files) via wireless PC connection, it can smoothly reproduce the image data in high quality at full screen with sound. **PC Free Function** Connect a memory device containing your pictures, movies (MPEG2/MPEG4/WMV) or presentation to the USB or Compact Flash (CF) port and start projecting. There is no need to carry a PC. **Ring TEC for a free demonstration.**

Wireless USB Remote

Tote RF Power Point controller

Effective presentations! No more reaching for your computer or calling out "next" every time you want to change slides! This simple-to-use wireless remote control lets you move freely around the room and better interact with your audience. Three simple buttons control all major PowerPoint functions (including advance, reverse, black screen, white screen, enter and exit slide show, and more). Radio frequency (RF) technology, superior to infrared, so you don't need to aim the remote or worry about line-of-sight obstructions. Wireless signal range of approx. 40 ft. or more. Built-in laser pointer. Directly controls your computer rather than your projector. Small (4-1/2" long) light weight (1 ounce - with battery!). Plug & play installation. Tiny USB plug-in receiver. Button disable function Not a mouse - doesn't have cursor control or left/right click buttons. For use with Windows 2000, XP, Me, 98SE, and Mac OS 9.0 or later. USB port or hub required.

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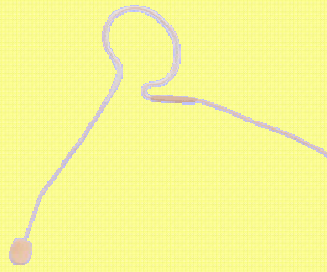**Project Updates**

Quick Notes

TASCAM SSR1

The SS-R1 is Tascam's affordable single-rack-space Compact Flash (CF) recorder for the installation industry. Designed for applications that previously used a cassette or CD (moving parts) recorders, the SS-R1 records in WAVE or MP3 formats direct to CF and includes balanced, unbalanced and coaxial digital audio inputs and outputs, RS-232 and parallel control, PS/2 keyboard input for folder/file naming and remote control and wired remote control.

Budget EarSet Microphone

Light Weight Skintone Ear Microphone

A lightweight buff coloured microphone designed for presenters, entertainers etc. Designed to sit around your ear comfortably even when used for long periods. Fits either left or right ear and the boom can be adjusted to suit individuals requirements. Fitted with 3 pin mini XLR and 1.2m lead. Imp: 1500 balanced, Freq Res: 50Hz - 18kHz Sensitivity: -60dB ±3dB

Roland Digital Audio Transfer & Mixing System

Roland is known as one of the world's foremost audio innovators and has a reputation for innovation, high quality audio and reliability. Roland is now launching a total mixing solution based on its powerful REAC technology. From digital snakes on stage, to Cat5e audio distribution, to the intuitive M-400 control surface and mixing processor with built in linear recording, to digital splits for direct multi-channel PC recording; the next generation

V-Mixing system establishes a new era in high-quality digital mixing.

- 48 CH/18 BUS w/GEQs & Effects
- 56-bit internal processing
- Touch Sensitive Motorized Faders
- USB Memory Player/Recorder
- DCA Groups/Mute Groups
- Scene Recall w/Head Amp Gain
- Cat5e Multicore system

Mitsubishi DLP Projectors

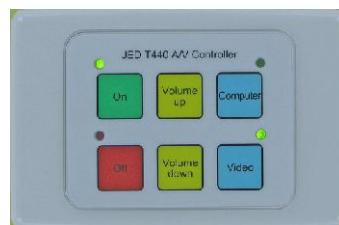*Mitsubishi have released 3 new DLP projectors in 2200, 2600 & 3000 ANSI Lumens*

The Mitsubishi Leo Series of compact DLP Projectors offer a staggering number of technological advancements including:

- 2000:1 rich contrast ratio
- 6 segment colour wheel
- Filter-free DLP design
- BrilliantColorTM Technology
- Selective Lamp Drive Technology
- Security anchor bars & password
- Time-saving instant shut down
- Low noise 26dBA *(low mode/XD500U) (XD510U & XD520U are 29dBA low mode)*
- Center lens for easy installation
- Top access lamp replacement
- Discreet audio and video inputs
- Long-life lamps, 3000-4000 hours XD500U/XD520U - 3000 hours (low mode), XD510U - 4000 hours (low mode)

BrilliantColorTM Technology is Texas Instruments' latest innovation for richer Colours and better vibrant images with a 6-segment colour wheel. "As well as the typical red, green, blue and white segments, we added yellow & cyan to display a wider colour spectrum. In addition, we coded our colour algorithms to emphasise either brightness or colour modes, to match each individual projector environment".

The T440 is a lower cost RS232 remote controller for projectors, LCD and Plasma flat panels, for budget installations in lecture theatres, classrooms, churches or conference rooms. **The T440** has an attractive white, or black, smooth escutcheon surrounding it, to give an overall size of 110mm by 70mm. This covers the screw holes and can be mounted into a lectern or desk at a convenient point for the speaker to control projector operations. Internal shut-down timer with remote PIR option, motorised screen control and a variety of keyboard layout options make the T440 a must for every installation.

Quick notes

Finally, a cheap good quality range of fix-it boxes. *Australian Monitor* have released a range of *Contractor Tools* including *Multi Can* Headphone Amplifier, *Buzz Off* Hum Eliminator, *Mixed Up* 4ch passive mixer, *Let's Split (L)* Line splitter/combiner, *Juiced Up* Phantom Power supply, *Get Up* Stereo 2 Way Converter, *Let's Split (M)* Microphone Splitter/Combiner, *Pre Me* Microphone Pre-Amplifier and *The Injector* Passive Direct Injection Box.

iKEY Plus , the second in a generation of products providing a more versatile platform for portable live audio recording. Designed to work with an Apple iPod® or any external USB storage device, the **iKEY Plus** can record live audio to MP3 or WAV format directly to a USB Compatible storage device - in real time! **NOW with Mic Input, Phono Preamp, VU Meter Display, and Headphone Output!**

Electro-Voice N/DYM® microphones are again available to TEC! N/DYM® Series are different to other microphones. Excellent and clear sound, comfortable and safe handling, N/DYM® magnetic structure, EV's unique VOB™ technology and studio sound performance mark EV´s N/DYM® Series.

The **Panaray® MA12 loudspeaker** delivers high speech intelligibility and natural sounding music in some of the most acoustically demanding spaces, with little or no acoustic treatment. A vertical line array of twelve 2.25-inch drivers provides wide horizontal and narrow vertical pattern control. Bose® MA12 loudspeakers reproduce the entire critical vocal range (155Hz-12KHz) with no cross-over. As a result this speaker is surprisingly efficient, delivering high intelligibility speech.

SA Installations:
- **St Andrew's UC**
- **St Peter's Anglican**
- **Holy Cross Anglican**
- **Brougham Place UC**
- **St Peter's Lutheran**
- **Concordia College**

For a demonstration contact Keith Ellison @ TEC

Australian Monitor Audio Visual have released two new pairs of power speakers. The AMAV **ST30P** & **ST50P** are active two way stereo speaker systems. Supplied in pairs, each ST30P/50P consist of one powered & one passive speaker, both are of a compact & architecturally pleasing design & feature on board stereo amplifier, Treble, bass & volume control, power switch, stereo RCA line input and speaker output. The **ST30P** & **ST50P** deliver 30 watts & 50 watts respectively. Available in Black & White they are supplied with colour matched mounting brackets, power cord and speaker cable.

ViewTech Portable Screens

- Screen in Integrated Carry Case
- Steel Box Powder Coat Black
- Seamless Matt White Screen
- 60 Inch (1300 x 955) 4:3
- 80 Inch (1700 x 1255) 4:3
- 100 Inch (2067 x 1530) 4:3

Inter-Active White Board

Mimio Interactive records everything that is written - notes, diagrams, & charts. Mimio software captures the whiteboard content in a time-based vector format (*.ink) which can be played stroke-by-stroke, plus "page" frames for printing or export & Drag/Drop or Copy/Paste to other applications. The Mimio Capture Bar is ultra portable with on-board memory & battery power for up to 10 hrs use - without a PC. Simply attach the Mimio to any whiteboard, press power and start writing.

KEY FEATURES

- **Fits to any existing white board**
- **Capture, Print, Drag, Drop, Copy & Paste to other applications**
- **Interactive control of applications**
- **Battery or USB powered**
- **Wireless connection option**
- **Set-up Guide Booklet**
- **PC or MAC Software included**
- **2 year manufacturer warranty**

St Ignatius College Chapel

Saint Ignatius College Chapel is a purpose built worship Chapel for the school and local Catholic community. TEC was commissioned in late 2005 to design, install and commission an integrated Audio Visual system. Due to the diverse range of expected uses, including school events, worship, weddings and funerals, a simple to operate user interface was critical to the system design. Central control was also identified as a priority, including control of all Lighting, Audio & Visual technologies. A Crestron control system was selected including a 10.4" touch screen at the balcony AV control point as well as a 3.8" touch screen on the Lectern. The balcony touch screen controls house lighting, including the ability to program room presets easily, 20 audio channels including 3 radio microphone systems, Lectern microphone, program sources and a range of general purpose microphone inputs around the

Sanctuary and balcony, and dual 4000 ANSI Lumen centrally suspended Data Projectors. The Lectern touch screen controls house lighting, basic audio functions, projectors and program sources. Dual professional DVD players provide CD, MP3, DVD & JPG playback. The system includes an Induction Loop Hearing System, foyer over-flow and outdoor speakers. Audio control is via a dual Biamp Nexia audio control system controlled via RS232C from the Crestron system.

Master Builder's Association Award winner Aug 2006.