



Digital Cinema Update

Independent News For Independent Cinema Owners

www.avenz.com

Members of

What has AVE been up to!

- **Life Cinemas, Fiji** AVE supplied and installed a 4 screen turn key cinema in Nandi. All screens are 3D, the largest screen features Dolby ATMOS immersive sound powered by QSC DPA series amplifiers.
- **Christchurch Airport**, AVE provides a design and build large screen tourist theatre promoting the South Island with a preshow experience automated doors, stary night sky and LED lighting all synchronized and controlled via DMX and Barco Alchemy server.
- **Alice CinemaTheque** AVE converted their e-cinema to DCI compliant using the Barco DP2K -8S with Alchemy server.
- **Rangiora Town Hall Cinemas** AVE supplied and installed 3 cinemas using Barco projectors with built-in Alchemy servers, intelligent integration and QSC audio. The first to offer Click-share to conference users in the multi purpose auditorium.
- **Reefton** Installs New Digital cinema and conference facility, Barco 10S / Dolby IMB and 3D.
- **Weta Digital** AVE installs Harkness Clarus 170 3D screen. This is the latest silver screen technology with better light uniformity and wider viewing angles.
- **Academy Gold cinemas in CHCH**. Convert their third screen to digital using Barco / Dolby IMB package.
- **Apollo Cinema, Samoa** AVE Converted their second screen to digital with the Barco and Dolby IMB combo with QSC audio system installed.
- **Park Road Post** AVE installed three new Christie projectors with AVE designed motorized ND filter mounts allowing true correction of 2D and 3D light levels on screen.
- **Bridgeway Northcote** converted their third screen to digital.
- **Rialto Tauranga** converts to Digital with Barco and Dolby behind the scenes.

Dolby / Doremi next generation server

Dolby Laboratories

Inc. announced the new Generation IMS-2000 integrated media server. This will see the replacement of existing Dolby DSS server technologies mid 2015.

The IMS-2000 is a built in server technology that is compatible with series 2 DCI projectors. 2TB raid 5 storage on board and support for external NAS storage. Dolby ATMOS support.

Web base UI allows access from anywhere on the theatre network. Ask the NZ Dolby dealer for more info on 09 5349313.



BARCO Escape Ready2Escape.com



What can we expect in 2015

CinemaCon 2015 in April was overwhelmingly alive with new and creative ideas and technology as digital cinema slowly unleashes its potential. The immersive sound systems are gaining traction with Dolby announcing 1000 ATMOS installations and 271 titles to date and 100 more titles signed for the year as of

Cinema Barco



The CinemaCon Trade highlight is always the Barco Belgium Beer party at Caesar's Palace. Entertaining the crowds at the trade event with another stunning show projected onto the building poolside at Caesar's. Cinema Barco brings all the Barco tech to cinemas, including comprehensive foyer display, integrated lighting effects and more.

BARCO Escape's debut in 2014 with the movie Maze Runner, earning rave reviews from guests and critics that loved not just being at the movies but "in" the movies.

The technology can be installed in new and existing cinemas bringing an immersive viewing experience that leverages the power of 3 separate Barco projectors and 3 screens.

April 2015. Barcos Auromax demonstrated the combination of layer based and object based immersive sound. Speaker and amplifier manufacturers follow with solutions to suit cinema applications.

The CP850 Base processor is now available and is easily upgraded to ATMOS at a later date.

QSC DPA series amplifiers

DSP built in, crossovers, filters etc.. Intrinsic speaker correction technology. Lower BTU rating which translates to lower heat load on AC. Lower power consumption than traditional amplifiers.



OSRAM XBO Lamps

New design XBO lamps For digital cinema is now available for Barco, Christie, NEC and Sony projectors.



OSRAM introduce New XL extended life lamps for Digital projectors. Call us for xenon lamp pricing.

AVE celebrate 35 years stocking & supplying OSRAM XBO lamps to NZ cinema owners.

Enquiries to info@avenz.com.

The "New Zealand" Dolby Dealer.



DOLBY ATMOS



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"The Show Must Go On."

Product Watch

- **6P Laser** illuminated projectors now released by Barco and Christie are FDA approved.
- **Barco Alchemy** range of projectors with Barco's own Gen 3 integrated server.
- **USL** release the new CM-8E digital booth monitor. 2U rack space, Remote monitoring over Ethernet.
- **QSC** Audio's new DPA amplifier range features intrinsic speaker correction of outstanding performance. Ideal for ATMOS installations.
- **USL** HSW602 HDMI switcher with pre-view function allows the operator to pre-view content on a local monitor whilst the output to the projector is blank or displaying other content. Perfect for Blu-Ray or Alternative content switching with six HDMI input and two HDMI outputs.

DCPeezi DCP content conversion solution

SLS Audio

The Cinema System 50 (CS12) is a full range passive screen channel cinema loudspeaker for small auditoriums. The System 50 high frequency section features a high performance PRD500 planar ribbon transducer designed and manufactured by SLS Audio.

The unique design and properties of the planar ribbon driver delivers fast transient accuracy as well as an exceptionally smooth high frequency response. Also the unique properties of the planer ribbon driver delivers more direct sound to the audience even with screen spreading.



New **Clarus 3D** Screen Technology form Harkness Screens. For passive 3D systems.

- Better light uniformity
- Better viewing angles
- Better 2D viewing



intelligent integration

DCPeezi from intelligent integration.

Intelligent integration customers can enjoy the DCPeezi solution for converting locally made content to DCP for playback on the big screen.

Ideal for;

- Local ads
- Corporate Logos
- House slides
- Candy bar promotions
- Intermission intros.

Contact AVE for details.



Cool stuff Are you looking for cool stuff to decorate your lobby, screening room or home theatre. Call us for movie themed tables, wine racks and lots more.



LED lighting, Energy Efficient, DMX controllers, Custom solutions.



The NEW Barco DP2K-6E

The smaller projector we have been waiting for. Quietest DCI projector on the market. Built-in ICMP server with 1.9Tb storage.

Contact AVE for details.

