

DES-100 MEDIA BLOCK

Over the last few years USL, Inc. has been working diligently on new products specifically designed for use in Digital Cinema. USL's latest focus is on the development of a Digital Cinema Secure Media Block. This Secure Media Block will be housed within a completely secure area inside a two rack mount mainframe. This chassis/mainframe will contain a universal power supply, backplane connections and front panel LCD control all the while keeping the secure integrity of the media block from

This new Secure Media Block chassis has numerous features including JPEG-2000 image decoding at 24fps and 48fps that meet DCI specifications. MPEG2 MP@HL image decoding supports 720p and 1080p at 23.98, 24, 25, 29.97 and 30fps. The output of the Secure Media Block is progressive scan.

Other features of the Secure Media Block include AES 128 Decryption for content, 2048 bit encryption for keys, Cinelink 2 Projector Link Encryption and a real time clock with error logging



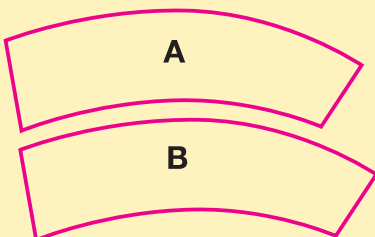
The NEW DES-100 Digital Entertainment System launches at ShoWest

prying hands, thus keeping it in compliance with FIPS and DCI standards.

and key messages. Two HD-SDI Dual Link video outputs, sixteen channels of AES-EBU digital audio in PCM format and a backup Lt/Rt mixdown at 300mv in analog line level. Also included is Thomson image and audio watermarking, dual 1Gigabit Ethernet Ports, one for content and one for general communication; and two USB ports, one for setting parameters and one for an LCD remote control status. All this along with Texas Instruments Cinecanvas™. ★

FUN ILLUSION

In this illustration, the two curved panels are identical, although the lower one appears to be larger.



The Media Block Ad Campaign launches at ShoWest

Featured Products

PSA-200U

The PSA or Projection System Analyzer is a digital instrument used for aligning and adjusting the projector lamphouse. It measures the vertical and horizontal movement of the 35 mm image. The tests are repeatable and done in a logical manner. Initially industry experts believed this measurement challenge could not be overcome. Not only did USL do it, we got a Technical Achievement Award in the process.



PCA-100

The PCA or Projection Color Analyzer helps define color values for digital cinema. What color is Red? When setting up a digital projector you need to test color. There is no way around it! With its precision spectrometer, the PCA digitizes the incoming light to extract the primary colors and generate chromaticity values. This high quality instrument has a resolution range which will allow measurement of the projector contrast ratio and is capable of checking the projector's "X" and "Y" color linearity.



RSTR-2000 Series

The RSTR or Reverse Scan Reader is made in cooperation with BACP and is also Dolby licensed. The RSTR is a third generation analog soundtrack reader for conventional and cyan soundtracks.

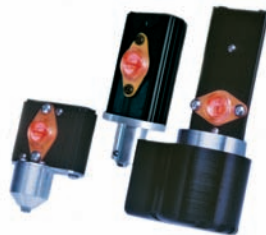


UPC Series

The IR Series or Infra Red assistive listening device offers High Powered, long-lasting infrared broadcast for use in public venues, for example in an auditorium or a movie theatre. The emitter panels and receivers meet and exceed all ADA requirements. This product offers a practical means to provide quality that's needed for hearing impaired audience members with no interference with adjacent auditoriums.

Jaxlight Series

This is a Jaxlight exciter lamp. To eliminate the need to use cyanide in processing film soundtracks labs are changing from the silver track to colored dye tracks. Our line of exciter lamps allows compatible reading of either soundtrack without having to switch bulbs or replace the entire projector sound head. In the simplest terms, it's a solid-state light bulb that is socket compatible with most projectors. These units are designed to work with your existing optics and solar cells.



JSD-80

The JSD or Junior Series Digital is a state-of-the-art digital signal processing decoder designed to decode electronic cinema sound formats. This great unit also decodes the 35mm analogue optical film soundtracks. The fully modular construction allows for future upgrades in technology. It supports up

to eight channels of audio with one-third octave EQ on stage and surround channels and a parametric EQ for the subwoofer channel. It is equipped with digital time delays for digital cinema projection.



MMP-10

A simple, easy to use, cost effective microphone multiplexor. Allows remote selection of its lab quality microphone inputs. It connects to your existing spectrum Analyzer, allowing for efficient use of technician time.



CM Series

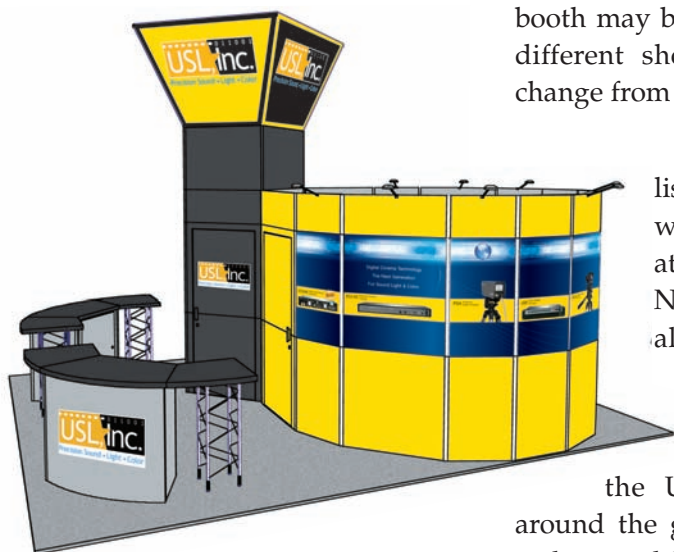
The CM Series or Cinema Monitor Series is our line of channel selectable booth monitors which provide the sound in the booth necessary to evaluate and adjust the levels that are heard in the auditorium. There are optional digital and analogue crossover modules for stage channels. Another perfect cost benefit solution from USL.

DSTR-20

The DSTR or Digital Sound Track Reader is a digital reader for Dolby digital soundtracks. It is made in cooperation with BACP and is also Dolby licensed. The DSTR is an economical penthouse reader; completely pre-aligned and ready to install. The unit is designed to read Dolby® Digital Soundtracks with better performance than current basement readers. ★



USL, Inc. Trade Show Schedule for 2008



USL, Inc. attends four major cinema trade shows a year, starting in March with the industries largest trade show, ShoWest in Las Vegas, Nevada. This years ShoWest will take place at Bally's & Paris Hotel from March 10 through the 13th. USL, Inc. will be featuring its brand new trade show booth at this years ShoWest. This new booth has been customized for USL's needs for each of the four major shows we do each year. Configuration of the

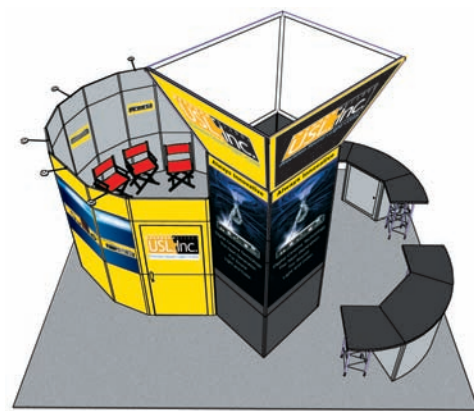
booth may be changed to adapt to the different show floor layouts, which change from show to show.

Next on the trade show list for 2008 is Cine Expo, which is held each year at the Rai in Amsterdam, Netherlands. This show, although smaller than ShoWest, attracts key exhibitors and manufacturers from the US as well as from all around the globe. This trade show is truly a melting pot of all elements of the cinema industry and will take place from June 23 through 26th.

After Cine Expo comes Showeast which has been held at the Marriott World Resort in Orlando, Florida since 2000. Although smaller than ShoWest in Las Vegas, Showeast draws an extensive group from Hollywood Studios, Exhibition and Manufacturers. Before 2000, Showeast was held at the Trump Taj in Atlantic City, New Jersey.

Starting in 2009 Showeast will be relocating again, this time to Miami, Florida. This year's show is from October 13 through the 16th.

Last on the 2008 trade show schedule is Cine Asia which bounces around to different countries in Asia every two years or so. Cine Asia has been held in Singapore, Hong Kong, Bangkok Thailand, Beijing China and this last year in Macau China. 2008 will see Cine Asia back in Macau China. This year show dates are tentatively December 9 through the 11th. ★



Rendering of the ShoWest Booth which debuts at the Las Vegas trade show.

Outstanding Employees

Betty Munday and Robert Jackman December 2007

Two very dedicated USL employees, Betty Mundy, the Cashin's Administrative Assistant, and Bob Jackman, Assistant Production Supervisor were honored with the outstanding employee award this past December at our annual holiday party. Here is what they have to say:

My name is *Betty Mundy* and I have been with USL, Inc. for ten years now. I have the very fortunate job of taking care of the day-to-day personal business for Jack and Felicia, what a lovely pair! Through the generosity of the Cashin's you can see that they have bestowed upon me the great gift of one of the Ultra pups as my own, Sylvester. Of course I'm more than just a little prejudiced, but he is the best and most

buff of all the Ultra pups. Congratulations to Ultra Stereo on its 25th anniversary and beyond.

My name is *Robert (Bob) Jackman* and I have been with USL for more than nine years. I am in the position of Senior Technician / A P S providing in-house production support, and technical product support to our customers and distributors. I came to USL after careers in aerospace engineering and automotive manufacturing, specializing in product development and technical support. I should have retired several years ago,



Bob Jackman and Betty Mundy with her Ultra pup, Sylvester at the award ceremony.

but then I found the wonderful people here at USL. Now I am really enjoying working with new digital cinema technologies. I probably will forget to retire and may just last through USL's next 25 years! ★