



## Dolby Expands Product Range for Film and Digital Cinema

### Audio industry leader showcases new products and features at the ShoWest 2003 convention in Las Vegas

San Francisco, February 18, 2003--At this year's ShoWest convention in Las Vegas, Dolby Laboratories, having sold over 10,000 units of its flagship CP650 Digital Cinema Processors, will showcase new add-ons aimed at improving all cinema, as well as supporting emerging digital cinema technologies. In addition, on Monday, March 3, Dolby will host a reception and on Wednesday, March 5, Dolby vice president Ioan Allen will moderate a seminar on digital cinema.

The latest CP650 product features will be shown, which include a new Dolby® Digital Surround EX™ Card (Cat. No. 790), a Digital Crossover Card (Cat. No. 791), and the Auditorium Assist™ feature. These new enhancements make the Dolby CP650 Digital Cinema Processor the most comprehensive cinema processor available anywhere. Additionally, Dolby will show its new Automation Network Adapter, which is used to simplify the integration of new digital cinema equipment with existing cinema automation systems. The Automation Network Adapter can also convert the film projection equipment into a network device which allows the operator to monitor and control either a film projector or server from the same interface, thus providing a seamless transition from film to digital cinema.

#### Dolby Digital Surround EX Card

In addition to maintaining all the functionality of its predecessor, the Cat. No. 794, the new Dolby Digital Surround EX Card (Cat. No. 790) provides four S/PDIF digital inputs, allowing up to eight channels of digital audio plus an expansion slot for the Digital Crossover Card (Cat. No. 791).

#### Digital Crossover Card

The addition of the Digital Crossover Card (Cat. No. 791) with the Dolby Digital Surround EX Card (Cat. No. 790) integrates screen-channel crossovers within the CP650, allowing the cinema audio to remain in the digital domain while adjusting crossover filters and 1/3-octave equalization. The card has an extensive PC setup software package and a variety of settings are available to optimize the playback chain of a cinema. The Digital Crossover Card provides additional balanced outputs for two three-way screen channel speakers. These outputs carry the mid-range and highfrequency audio for L, C, and R channels. Setup of the crossovers is incorporated into the CP650 PC setup software to simplify the installation and alignment. The Cat. No. 791 also provides support for five screen channels when configured in the two-way mode.

#### Auditorium Assist

Auditorium Assist provides a quick and accurate test of a cinema's entire sound system, including the speakers, crossover, amplifiers, and auditorium acoustics to provide a consistent entertainment experience for each screening.

After careful alignment of the cinema sound system, the frequency response and sound level of each speaker are checked and stored in the Dolby CP650 memory as the "Auditorium Reference." Whenever Auditorium Assist is subsequently selected, all channels are measured and compared to these reference settings, alerting the theatre to any differences from the approved Auditorium Reference. Auditorium Assist also checks and compares the level of the ambient noise floor in the auditorium to the reference level originally stored.

Dolby manufactures the microphone (Cat. No. 735) and the software that is used in conjunction with Auditorium Assist.

#### An Evening of Independent Film

Dolby will host an Opening Night Reception at The Orleans 12 Theatre at 9 p.m. as part of The ShoWest Showcase, which features all content encoded and played back with Dolby technology. Co-sponsored by Dolby, the showcase includes screenings of Fox Searchlight Pictures' *In America* (Dolby Digital), Newmarket Films' *Whale Rider* (Dolby Digital), *Hypnotic* or *Angela* from First Look Pictures (TBD) (Dolby Digital), IFC Films' *Casa de Los Babys* (Dolby Digital), and *Winged Migration* (Dolby Digital) from Sony Pictures Classics.

#### Seminar: "Digital Cinema--Today and Tomorrow"

Oscar-winning Dolby Laboratories vice president Ioan Allen will moderate a timely seminar on the new challenges and

opportunities related to the world of digital cinema on Wednesday, March 5. Panelists include David Gray, Dolby vice president, Hollywood Film Production, who will address the opportunities afforded to film audio by digital cinema.

#### About Dolby in Cinema

Dolby Laboratories has been the leading force in film sound for over 25 years, and is dedicated to improving the cinema-going experience. Over 65,000 screens are equipped to play back Dolby Digital. Currently, 13,500 film titles with soundtracks encoded with Dolby technology have been produced by over 200 Dolby licensed studios in 43 countries around the world; 4,500 of these are encoded in the Dolby Digital format. In addition, thousands of non-English versions have Dolby soundtracks. Dolby Digital Surround EX has recently become the fastest-growing format in cinema sound history, with 8,500 screens equipped for the format and 70 films (to date) encoded in the Surround EX format.

#### About Dolby Laboratories

Dolby Laboratories, the worldwide leader in sound innovation, creates technologies that intensify and enhance the entertainment experience, making it richer, fuller, and more involving. For nearly four decades, Dolby has been instrumental in defining highquality audio and surround sound in cinema, broadcast, home audio systems, cars, DVDs, headphones, games, televisions, and personal computers. Based in San Francisco with European headquarters in England, the privately held company has entertainment industry liaison offices in New York and Los Angeles and licensing liaison offices in Hong Kong, Shanghai, Beijing, and Tokyo. For more information about Dolby Laboratories or Dolby technologies, please visit [www.dolby.com](http://www.dolby.com).

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