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# A full spectrum of industry-leading solutions for cinema

Effective March 1, 2017

## **A FULL SPECTRUM OF INDUSTRY-LEADING SOLUTIONS FOR CINEMA**

Dolby offers a full range of audio, imaging, accessibility, and content management solutions designed to give audiences the most spectacular, fully immersive cinema experience available to date. We collaborate with exhibitors, dealers, and the industry at large to deliver product solutions that are more innovative, flexible, cost-efficient, and scalable than ever before.

### **AUDIO**

Dolby Atmos Cinema Processor CP850  
Dolby Digital Cinema Processor CP750  
Dolby Multichannel Amplifier  
Dolby Atmos Connect Interface DAC3202

### **IMAGING**

Dolby Integrated Media Server IMS3000  
Dolby Integrated Media Server IMS2000  
Dolby Storage Server and Integrated Media Block—ShowVault/IMB  
Dolby 3D

### **ACCESSIBILITY**

Dolby CaptiView  
Dolby Fidelio  
Dolby AccessLink

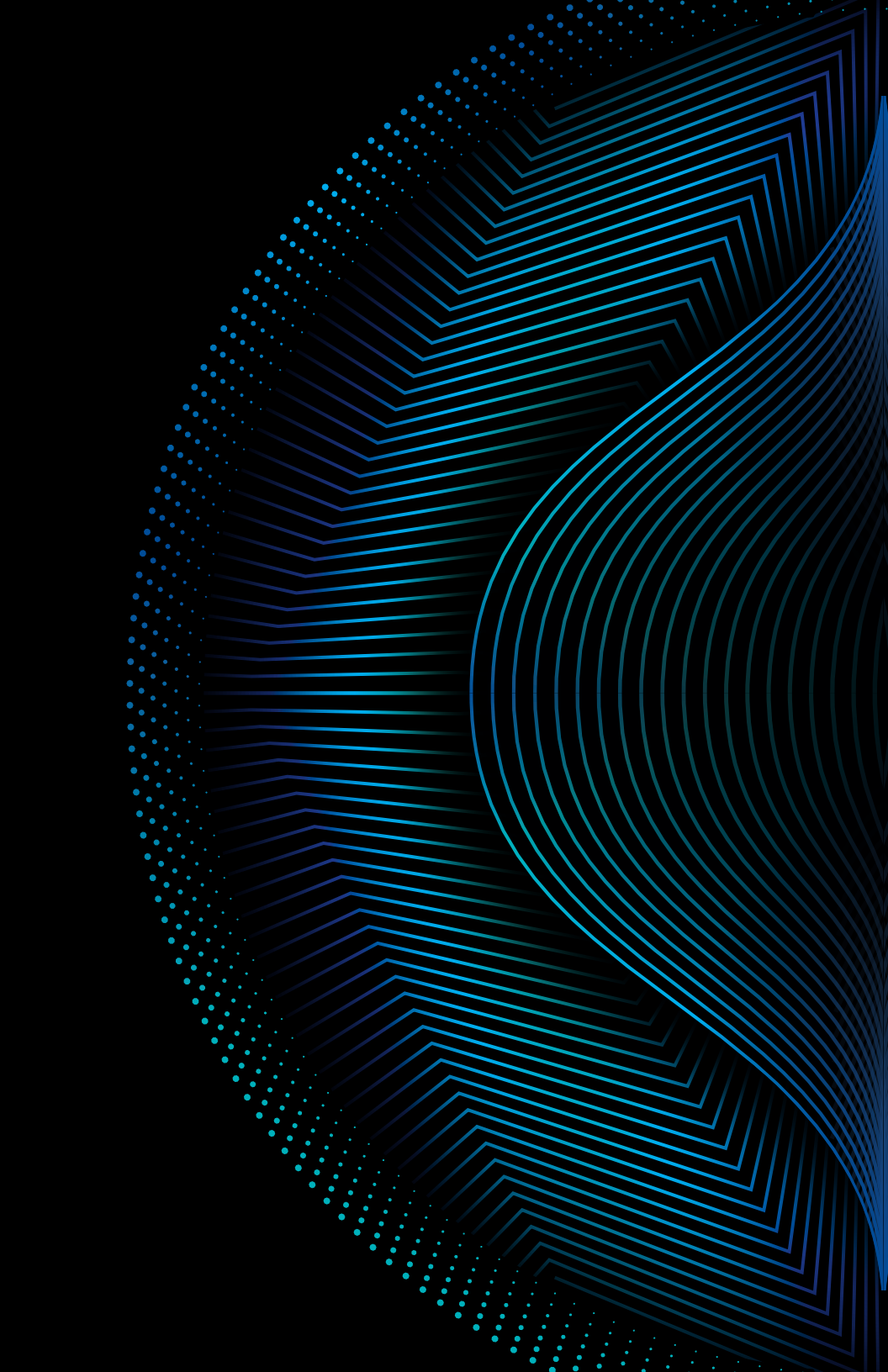
### **CONTENT MANAGEMENT**

Dolby CineAsset  
Dolby Theatre Management System (TMS4)

### **SLS CINEMA PRODUCTS**

SLS 3-Axis Speaker  
SLS Rapid Rigging System

[DOLBY.COM/CINEMA-PRO](https://dolby.com/cinema-pro)





## Audio

### DOLBY ATMOS® CINEMA PROCESSOR CP850 LINE

#### Choose the Right Processor for Your Cinema

The Dolby Atmos® Cinema Processor CP850 line offers you a choice of advanced digital cinema audio solutions to fit your business model. Whether you're ready to equip your cinema for an immersive Dolby Atmos audio experience now or prefer a flexible processor that can be upgraded in the future to deliver a full Dolby Atmos experience, we have a CP850 processor that's ideal for your needs.

The CP850 Base will play back traditional Dolby® Surround 7.1 and 5.1 formats, as well as render select Dolby Atmos titles to a Dolby Surround 7.1 configuration. It includes the same advanced equalization and other audio features as the Dolby Atmos Cinema Processor CP850. The CP850 Base does not require Dolby Atmos Commissioning Service. Dolby Atmos marketing support is exclusive to theatres with the full Dolby Atmos Cinema Processor CP850.



### DOLBY DIGITAL CINEMA PROCESSOR CP750

The Dolby Digital Cinema Processor CP750 provides easy-to-operate audio control in digital cinema environments. It supports innovative Dolby Surround 7.1 premium surround sound and integrates seamlessly with existing technologies.

Designed specifically for digital cinemas, the Dolby Digital Cinema Processor CP750 delivers the best in surround sound from all content sources. In addition to the digital cinema formats (Dolby Surround 7.1 and 5.1 digital PCM), it also decodes Dolby Digital Surround EX™ (bitstream), Dolby Pro Logic® II, and Dolby Pro Logic.



## DOLBY MULTICHANNEL AMPLIFIER

**Save space. Reduce heat. Amplify sound.**

This advanced high-density design can replace up to 16 stereo amplifiers, using less space and producing less heat, to lower your overall costs. With less equipment to install, power, and maintain, you get a simpler and more efficient installation. The Dolby Multichannel Amplifier is available in two configurations, 24 channels or 32 channels.

The Dolby Multichannel Amplifier is designed for reliability. It includes a custom built power supply with built-in redundancy, power sharing, operational monitoring and fault detection. The power supply is designed to allow the system to operate from a 120VAC to 240 VAC 20Amp service without blowing the AC mains circuit breaker. The Dolby Multichannel Amplifier automatically detects maximum and net power availability, certain operational and environmental conditions and adjusts channel gains based on power supply conditions, load conditions and/or fault conditions.



### DOLBY MULTICHANNEL AMPLIFIER

#### KEY FEATURES

- Available in two configurations; 24 channels or 32 channels
- 4RU chassis
- 300 W per channel at 8  $\Omega$

- 600 W two-channel bridge mode at 8  $\Omega$
- Universal power supply 100 VAC to 240 VAC
- Custom built power supply with built in redundancy
- Web-based UI allows easy access from anywhere on the theatre network

## DOLBY ATMOS<sup>®</sup> CONNECT INTERFACE DAC3202

The Dolby Atmos<sup>®</sup> Connect Interface DAC3202 allows you to use legacy amplifiers in Dolby Atmos installations. The Dolby Atmos Cinema Processor CP850 employs an audio-over-Ethernet protocol to send a digital audio stream to Dolby Atmos Connect Interfaces. A Dolby Atmos Connect Interface converts the digital audio to analog audio for connection to amplifiers. Each Dolby Atmos Connect Interface offers 32 analog outputs.

A Dolby Atmos Cinema Processor CP850 together with a single Dolby Atmos Connect Interface can support up to 48 speaker feeds. Installations with more than 48 speaker feeds will need two Dolby Atmos Connect Interfaces.





## Imaging

### DOLBY INTEGRATED MEDIA SERVER IMS3000

#### Image and Audio Server in One

Save money and deliver an experience your guests will love. The Dolby® Integrated Media Server IMS3000 combines the strength of Dolby's audio processing and imaging server in one unit. And it lets you unlock the power of Dolby Atmos®—whenever you want.



#### DOLBY IMS3000 KEY FEATURES

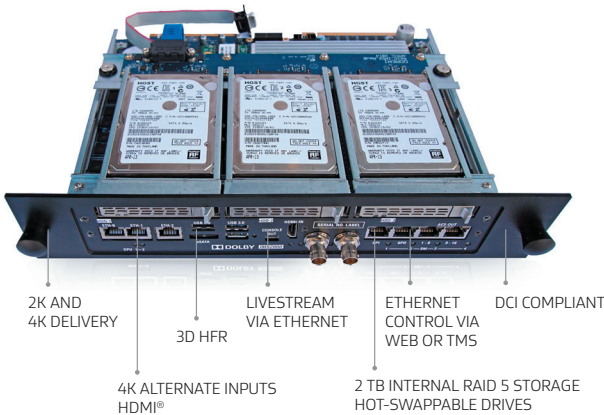
- Low cost of ownership (maintenance, power consumption, simplified system design)
- Up to 500 Mbps DCI-compliant digital cinema packages (DCP) playback—Interop and SMPTE packages
- Web-based UI allows easy access from anywhere on the theatre network
- Single-board design
- 2 TB of internal storage with RAID 5 protection and convenient front-panel access
- Hot-swappable drives
- External NAS support for additional storage\*
- Complete integrated audio processor with optional license for playback with full Dolby Atmos®
- Support for accessibility products (Dolby Fidelio, Dolby Captiview, and SMPTE ST430-10 output)
- RealD® ghost busting (license required)
- Ingest through eSATA, USB 3.0, or Ethernet (up to 500 Mbps)

\* Contact customer support for list of supported NAS devices and models.

## DOLBY INTEGRATED MEDIA SERVER IMS2000

### Simply a Better Investment

The Dolby Integrated Media Server IMS2000 is a single-board solution that provides high uptime to keep the show running and protect revenue streams. The IMS2000 offers cost-effective reliability based on a server platform proven on over 90,000 screens worldwide, plus the flexibility you need for today's cinemas.



#### DOLBY IMS2000 KEY FEATURES

- Faster-than-real-time ingest (up to 500 Mbps) via USB 3.0, Ethernet, or eSATA for improved operational efficiency
- Support for Dolby Atmos
- HDMI 4K input up to 30 fps
- 3D HFR at 30 fps and 48 fps
- On-board RAID storage and external NAS support for increased capacity
- Web-based UI
- Fully compatible with Dolby TMS4 or any TMS that supports Dolby products
- Dual projector support
- DCI-compliant single-board integrated media server fits into DLP® Series 2 projectors





## Imaging

### DOLBY SHOWVAULT/IMB

The Dolby® ShowVault/IMB solution includes several advanced features, such as dual 3G HD-SDI inputs, HDMI® 3D input with HDCP, 4K playback support, and scaling capabilities to 2K or 4K resolutions.

The Dolby ShowVault is a dedicated storage server capable of playing back 2D, 3D, and high-frame-rate (HFR) SMPTE and Interop DCPs, and it has been specifically developed to interface with the Dolby Integrated Media Block (IMB). The Dolby ShowVault loads digital content and dispenses files electronically to the IMB via an external PCI Express cable.

The Dolby IMB also supports deinterlacing of 1080i inputs and automatically converts incoming formats to avoid switching formats on the projector. All video inputs utilize a single audio output via RJ-45 for simple cabling to your audio processor of choice.

*\* For DLP Series 2 projectors and select Sony® projectors only*



## DOLBY 3D

Dolby 3D differs from other 3D cinema technologies and provides an experience completely faithful to what the movie's creators envisioned. Dolby 3D uses a unique full-spectrum color technology that provides extremely crisp, clear images. The Dolby 3D movie system has a rotating color filter wheel that can insert automatically into a digital projector for 3D movies.

Alongside the projector, the Dolby Filter Controller automatically synchronizes the filter wheel with the 3D digital content as it's projected. The Dolby 3D image delivers full quality when projected onto a conventional matte white screen.





## Accessibility

### DOLBY CAPTIVIEW

#### Give every guest a spectacular experience

Dolby CaptiView is a personal in-theatre closed captioning system for hearing-impaired movie audiences. It transmits and receives closed captions on a wireless frequency. A single USB transmitter plugs into a Dolby server\* to create a no-hassle installation, and it requires no additional booth hardware. With an 80-meter (262 feet) signal range, Dolby CaptiView can be used from *any* seat in the house.

Dolby CaptiView is economically priced to allow the cinema owner to outfit one hundred percent of the multiplex, and it can support up to six languages simultaneously.



\* Excluding legacy Dolby DSP/DSS servers

## DOLBY FIDELIO

### Give every guest a spectacular experience

Dolby Fidelio is a wireless audio system that delivers descriptive narration for the visually impaired (VI soundtrack) and amplified sound for the hearing impaired (HI soundtrack) in theatres. The system consists of a compact audio receiver with a plug-in headset, an audio transmitter that connects to any server via audio and USB connections, and a charging station that accommodates 10 receivers. Auditorium and channel (HI or VI) assignment can be easily configured through a touch-screen tablet.



## DOLBY ACCESSLINK

Dolby AccessLink is a distribution system designed to interface Dolby Fidelio and/or Dolby CaptiView products with legacy Dolby DSS servers and servers from other manufacturers through the use of SMPTE ST 430-10 and ST 430-11 protocols. The Dolby AccessLink product provides two stereo channels from a single transmitter to multiple receivers and also hosts a Dolby CaptiView transmitter to provide closed captions.





# Content Management

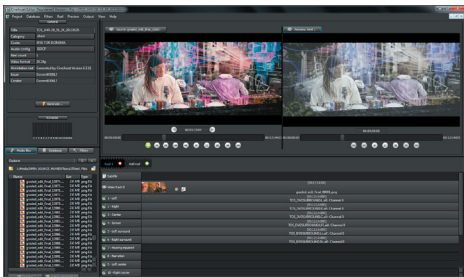
## DOLBY CINEASSET

Dolby CineAsset is a complete mastering software suite that can create and play back DCI-compliant DCPs from virtually any source. The Pro version of Dolby CineAsset allows for the generation of encrypted DCPs along with the ability to easily generate key delivery messages (KDMs) for any encrypted content in the Dolby CineAsset database.

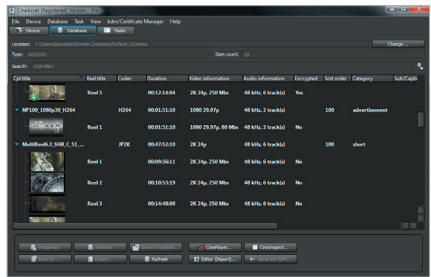
With Dolby CineAsset, asset management has never been simpler. Drop folders allow for automated transfer of image sequences and other media files into the database.

Dolby CineAsset offers additional functionality when used with Dolby DCP-2000, Dolby DCP-2K4, Dolby ShowVault/IMB, and IMS1000 or IMS2000 servers, including transport controls, file transfer, and KDM management for the connected device.

The Dolby CineAsset suite includes Dolby CineAsset, Dolby CineAsset Player, and the Dolby CineInspect DCP validation tool.



Dolby CineAsset DCP Editor



Dolby CineAsset Content Management

## DOLBY THEATRE MANAGEMENT SYSTEM TMS4

### Comprehensive Management for Your Cinema

Dolby TMS 4 is a comprehensive theatre management system (TMS) that simplifies and streamlines digital cinema operations. Offering a robust set of capabilities from automated content transfers and easy management of show playlists and schedules to detailed device monitoring and reporting and broad POS schedule integration support, TMS 4 is a complete solution for digital cinema workflow management.

#### TMS Architecture



#### DOLBY TMS KEY FEATURES

- Content management, including manual and automated transfers with priority based on schedule
- KDM management
- Show-playlist building
- Schedule management
- Playlist pack functionality for easier management of preshow advertisements and trailers
- Scheduled audit-log report generation
- Projector status monitoring

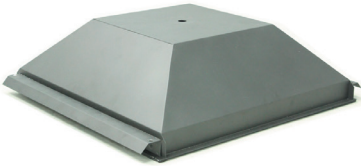


## SLS Cinema Products

### SLS 3-AXIS SPEAKER

**Smaller, lighter, easier to install.**

These innovative loudspeakers deliver exceptionally clear and powerful sound in a smaller, lighter package that's easier and quicker to install. Because each spherical speaker can be mounted in the ceiling or wall, and easily adjusted for pan, tilt, and rotation, your installation time and costs are reduced.



RCT-24  
Recessed Ceiling kit



FCT-24  
Flat Ceiling kit

#### SLS 3-AXIS SPEAKER KEY FEATURES

- Reduces Dolby Atmos ceiling speaker installation time by not requiring any rigging hardware attached to building truss other than a simple safety cable
- Ceiling grid supports the speaker and optional rigging kit
- Ceiling tile rigging kits do not break plenum space
- Spherical shaped speaker enclosure design that allows for quick installation and easy aiming with three-axis movement capabilities
- Ships ready to install from a single point, (typically all-thread) giving the user three-axis (pan, tilt, and rotation) adjustments without the need for additional brackets or hardware

## SLS RAPID RIGGING SYSTEM

### Simplified installation. Works with your existing infrastructure.

Complements your new or existing high-end, midrange, or budget speakers with a new rigging design that simplifies installation to reduce labor costs and downtime.



#### SLS RAPID RIGGING SYSTEM KEY FEATURES

- Reduces Dolby Atmos ceiling speaker installation time by a substantial amount of time vs. conventional processes
- Allows almost any brand of surround speaker to be used
- Allows for any future speaker repairs or upgrades to be made at a lower labor cost than any installation process currently available
- Delivers a sleek and aesthetically pleasing installation

For further information on Dolby cinema equipment and technologies, contact your Dolby salesperson.

In the US, Canada, and Latin America: [salesadmin@dolby.com](mailto:salesadmin@dolby.com).

In all other countries: [salesadmin@dolby.com](mailto:salesadmin@dolby.com).