# doremi

Technology Leadership for Digital Cinema

## **DCP-2000**

**Cinema Server** 

Key Features:

- + Multi-File Playback
- + 2D & 3D Playback
- + Enhanced Security
- + Captioning Device Control
- + Support for Accessibility products (CaptiView & Fidelio)

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The DCP-2000 cinema server provides superior reliability, image quality and an unmatched feature set. Each DCP-2000 reflects Doremi Labs' pioneering image server design and manufacturing experience, as well as the benefits of supporting the world's largest cinema server installation.

The DCP-2000 supports JPEG2000 and MPEG2 files. In addition it features Panavision3D<sup>®</sup>, REAL D<sup>®</sup>, XpanD<sup>®</sup>, and dual-projector 3D playback.

Each DCP-2000 server includes the CineLister software utility that provides effortless scheduling and playlist administration. Playlists can include both JPEG2000 and MPEG2 movie files, and pre-show content files.

The DCP-2000 was the first commercially available server capable of playing JPEG2000 digital movies conforming to DCI specifications. Today, it is by far the most installed cinema server worldwide.

#### **CineLister Software**

CineLister allows the operator to build and play composition playlists as well as full session playlists. Playlists can include both JPEG2000 and MPEG2 movie files and pre-show content files.

The graphic user interface simplifies the management of image files and creation of new image clips. CineLister's extensive playlist creation capability can be used for on-line playback and play list scheduling.



### **DCP-2000**

#### PLAYBACK

- ► JPEG2000 2K or 4K movie and pre-show file playback at 2K resolution 12-bit 4:4:4 (XYZ, RGB) on dual link HD-SDI
- MPEG2 MXF interop movie, pre-show and alternative content file playback
- ► 3D JPEG2000 movies and 48p playback via Dual 10-bit 4:2:2 (YPbPr/YCxCz)

#### SECURITY

- ► TI's CineLink II Strong Link Encryption
- ► Thomson's NexGuard Forensic Watermarking
- ► FIPS 140-2 Level 3 Security Certified

#### INTERFACE

- ► Gigabit Ethernet for file transfer
- ► Gigabit Ethernet for control & subtitling
- RS-422 serial control port
- ► USB2.0
- ► External control of captioning devices WGBH & PCS (Option)

#### STORAGE

► Up to 4TB of RAID5 storage

### AUDIO

- AES/EBU audio digital 16 channels
  Single DB-25 connector
- Balanced or unbalanced analog audio 8 channels (two options available)
  - Single DB-25 connector internal board
  - External digital audio (DB-25) to analog audio converter in a1RU rack mount chassis

#### **GPIO**

- ► 8 optically isolated inputs
- ► 8 open collector outputs

#### **VIDEO OUTPUT**

► Dual link HD-SDI with physical link encryption

### OUTPUT RESOLUTION

- ▶ Dual link 2048 x 1080 24p 4:4:4 12 bit
- ► Two single links 2048 x 1080 24p 4:2:2 10 bit

#### POWER

- ► Dual-Redundant Power Supply
- ▶ 100-240VAC 50-60Hz (2 x 300W)

#### DIMENSIONS

- ► 3U Rack Unit
- ► 19" x 22" x 5.25" inch (48 x 56 x 13cm)

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