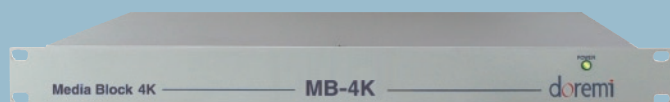


4K Playback Processor for use with Doremi's Digital Servers

MB-4K

4K PLAYBACK



4K Format Playback

4K JPEG2000 MXF Files

Playback of 4k files at 4k resolution 4,096 by 2,160 lines and 4:4:4 color space

4K 3D Playback

3D 4K JPEG2000 MXF Files
(requires two MB-4K)

Input

Dual-Link HD-SDI
Ethernet (for subtitles)

Input source
Doremi's
DCP-2000 or DSV-J2

Output

4x DVI
4x Dual-Link HD-SDI
4x LVDS (available soon)

Doremi takes High Definition imaging to the next level with the MB-4K media block. The MB-4K provides a total of 4,096 x 2,160 lines of resolution, which is over four times the display area of 1080p video.

Until now 4k image playback required the use of up to four synchronized HD video servers. These very expensive and complex systems have severely limited the growth of 4k applications.

Doremi's engineering team has developed a unique 4k system that circumvents common 4k design barriers. Doremi's playback system requires only one Doremi server paired to the MB-4K. Besides reliability and packaging improvements Doremi's complete 4k system is available at a cost effective price.

The MB-4K provides four DVI or four dual-link HD-SDI video streams for connection to the 4k projector.

The 4k playback system uses JPEG2000 compliant 4k image files. This file can be created by Doremi's DMS-2000 hardware accelerated JPEG2000 mastering station or other software based encoders. 4k mastering services are provided by all leading post production houses worldwide.



MB-4K shown with Doremi's DCP-2000 Cinema Server
The MB-4K can also be paired with Doremi's non-cinema DSV-J2 Server

Designed by the Digital
Cinema Market Leader

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