

coolux[®]
MEDIA SYSTEMS

MEDIA PROCESSING

The Pandoras Box Media Server renders in real-time, so any changes concerning the content, the design or data from external files, applications or controlling systems will be executed immediately and thereby are directly visible.

Watch changes to every effect's parameter or switch between several sources, clips or effects and do not waste precious time waiting for images to be re-rendered.

Impress your customers by providing the flexibility for last-minute content changes or interactive program editing.

Prove your customers that large screen arrays with a resolution beyond high definition can easily be fed by the scaleable and network-based Pandoras Box Media Servers.

Inspire your customers with smooth and flexible programming and editing of breathtaking projections.

SEE THE FINAL COMPOSITION
DURING THE WHOLE CREATION
AND EDITING PROCESS.





GWEN STEFANI HARAJUKU LOVERS TOUR - DELICATE PRODUCTIONS

MEDIA SERVER

The Pandoras Box Media Server offers the best high performance link between projection and digital image compositing. A turnkey solution that perfectly unites state of the art rendering technology with intuitive media control.

A high-quality server featuring the most powerful render-engine offers real time 3D compositing and allows projections on any shape and any surface.

Arrange videos and images freely, change colour, form and position. Synchronize audio data and animate 3D objects such as logos and products.

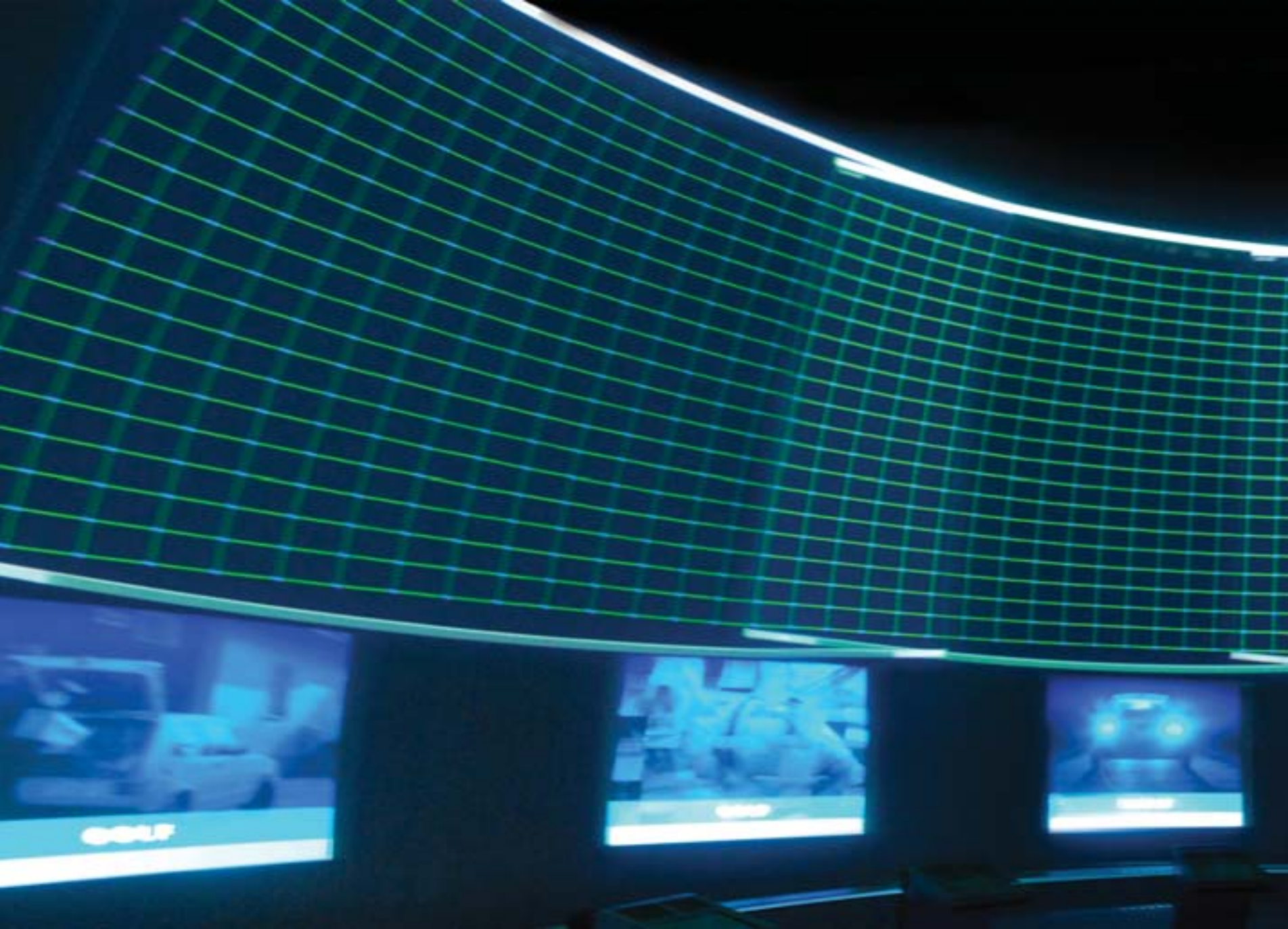
The physically accurate digital keystone feature for any distortion caused by off-angle projection.

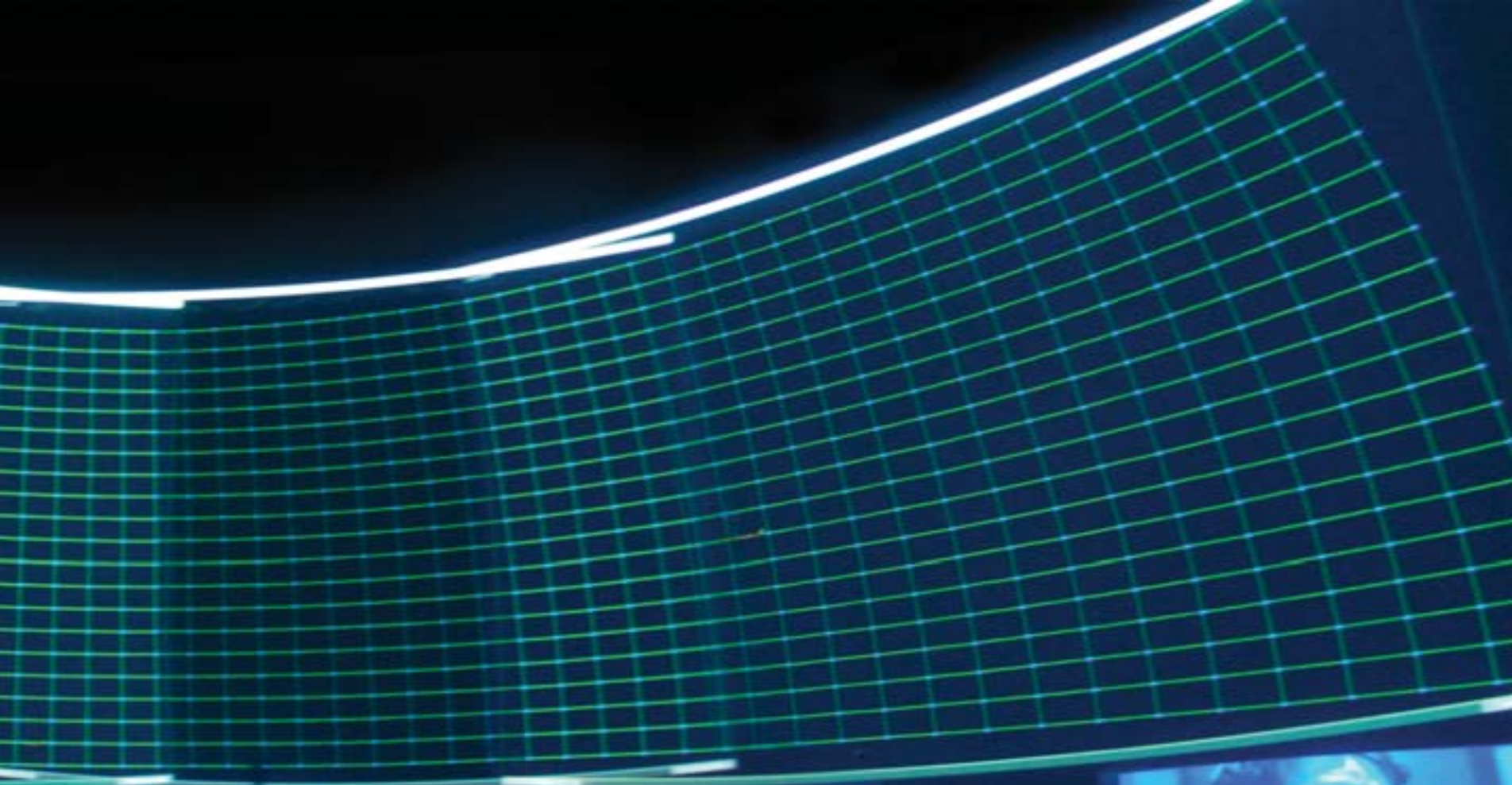
Multiple projectors can create seamless softedge-blended projections with user defined arbitrary combinations of horizontal and vertical blending.

All Pandoras Box Media Servers feature DVI-D and RGBHV HD playback as standard.

SCALABLE.







VOLKSWAGEN KUGELHAUS - SIEMENS BUILDING TECHNOLOGIES

MEDIA SERVER

KEY FEATURES

- 2x DVI/ VGA Output
- Output Resolution 2048x1536 Pixel (per Output)
- Stereo Audio Output
- Keystone Correction
- Softedge Blending (Horizontal & Vertical)
- Multiple Live Inputs per System
- HD Playback on all Systems
- Up to 32 Video and 16 Graphic Layers
- True 3D Rendering XYZ Position / Rotation / Scale
- 3 Level FX Engine Transition- / Colour- / Video FX
- Slow Motion Video Playback
- Video Format: MPEG2, AVI, Quicktime
- Image Format: .bmp, .jpg, .tga, .png
- Audio Format: .mp3, .wav
- Optional DMX Matrix Plugin
- Extensive Media Library included

Large LCD menu with push encoder is available on all systems for network setup and configuration from the front panel as well as external playback buttons for standalone playback mode.

PRODUCTS

Pandoras Box Media Server PRO
16 video and 32 graphic layers
2 TB of redundant RAID hard disc space

Pandoras Box Media Server STD
8 video and 16 graphic layers
1 TB of redundant RAID hard disc space

Pandoras Box Media Server LT
4 video and 8 graphic layers
500GB of redundant RAID hard disc space

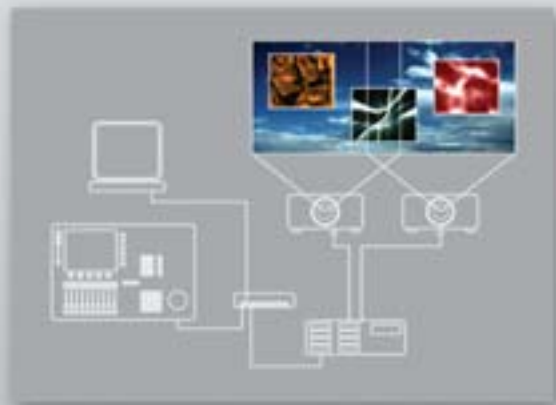
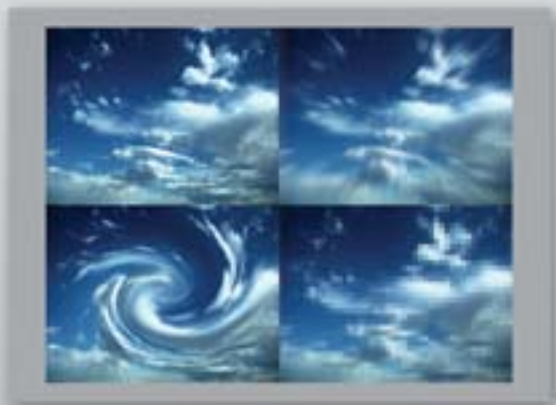
All Media Servers feature a real-time performance of max:
16 Layers of SD Video, 4 Layers 720p or 2 Layers 1080p

The input options for the Pandoras Box Media Server are:
4x Composite, 1x SD SDI, 1x HD SDI, 1x XGA

The SD SDI board as well as the HD SDI board feature
broadcast quality and ultra low latency of only two frames.



DELIRIUM WORLD TOUR - CIRQUE DU SOLEIL



INDUSTRIAL SOUL

INDUSTRIAL SOUL



GOLDWELL 

CLOSED TO STYLISTS - CLOSED TO PAIR

GOLDWELL 

CLOSED TO STYLISTS - CLOSED TO PAIR



GOLDWELL - LOOPLIGHT

ACCESSORIES

SMPTE Link

All Media Manager products with timelines can send and receive LTC SMTPE via the USB SMPTE Link interface. Supported frame rates for input and output are:
24 / 25 / 30 / 29.97 non-drop frame / 29.97 drop frame

SENSOR Link

The SENSOR Link is designed for custom installations that require integration of industrial encoders, distometers as well as analog potentiometers and contact closures. Cues and parameters can be triggered and controlled with any Pandoras Box Software.

SERIAL Link

To control matrix switchers, projectors or almost any other equipment over long distances, multiple bi-directional RS 232/422 ports as well a GPI I/O can be connected over ethernet to support multiple decentralized network units.

DMX Link

The DMX Link provides direct sequence and layer control from any common lighting controller.

The electronics fit completely into an original Neutrik™ plug communicates via USB2.0, is fully compatible with DMX512 and requires no external power supply.

DMX Link 8

The DMX Link 8 turns any Pandoras Box Controller into a full-featured lighting control system for up to 8 DMX lines per unit. Each DMX Link is built in a 19" rackmount chassis using only 1U. Pandoras Box systems are supplied with a library of hundreds of DMX fixture profiles.

- 10/100 Mbit Ethernet connection on Neutrik Ethercon
- 8x Bi-directional DMX ports on Female XLR5-Pin.
 - Can be used for DMX Input andOutput
- 2x DMX Input Ports on Male XLR5-pin



LUDWIG² - FESTSPIELHAUS NEUSCHWANSTEIN

coolux GmbH

Venloer Str. 703
50827 Cologne
Germany
Tel +49 221 569 10 890
Fax +49 221 569 10 896
info@coolux.de
www.coolux.de

coolux International

5320 Derry Avenue, Unit M
Agoura Hills, CA 91301
USA
Tel +1 818 597 9898
Fax +1 818 597 9889
info@coolux-us.com
www.coolux-us.com