

coolux[®]
MEDIA SYSTEMS

PHILOSOPHY

The founders and developers of the coolux Pandoras Box products decided in 2003 to think outside the box of traditional video playback technology, with an open mind for innovations to make a leap in what is feasible in real-time video.

coolux set a powerful goal - creativity in multimedia design should no longer subordinate itself to technical limitations.

The vision of establishing a real-time 3D compositing and rendering system compatible with any kind of live production was born.

Based on the high performance coolux Media Server system, we created a whole new media control product range, giving our customer the highest flexibility and compatibility for multimedia show design.

Thanks to the coolux global network that has been carefully established over the past five years, the transfer of our high quality knowledge between our users, trained dealers, buyers and the creative community has become a reality.

REALTIME MEDIA CONTROL
ANY TIME, ON LOCATION.



SERVICE

Pandoras Box is much more than a brand of products. coolux is known for its world class technology, which is the result of melding the need of coolux clients with the best team of programmers and designers in the world.

In cooperation with our worldwide network we strive to deliver cutting edge products that enable and encourage our customers to benefit from the technologies and significant knowledge base collected by the coolux team.

Imagine yourself working on an idea or project. We are be pleased to be at your service, providing detailed consulting, tailored to your needs according to your project specifications.

Our project department is ready to develop custom solutions and answer inquiries regarding media preparation and media production. Our expertise is at your disposal to assist you with realizing your vision with speed and precision.

MORE THAN A PRODUCT.



SUPPORT

We can assist you with on-site installation and support, making sure your project will be a flawless success, on budget and on time.

To get our clients started we provide intense training classes to round out the portfolio. Basic and advanced training programs are held in Cologne and around the world in cooperation with our distributors.

The support section of our homepage features up to date information, tutorials and faq's about a wide range of topics for digital video and projection available to our customers.

Take advantage of the coolux network and let your projects grow!

YOUR PROJECT,
OUR SERVICE,
YOUR SUCCESS.



BERTELSMANN - SATIS & FY





STARMANIA - SUPPORTING ROLE

APPLICATIONS

Broadcast and TV

Pandoras Box Media Systems have been an integral part of many major awards shows including The Oscars, Grammys, ACM Awards, BET Awards and others for many years.

Various TV networks such as BBC, ORF, WDR, ZDF and FOX rely on our technology.

Events and Trade Shows

Customers around the globe and all industries such as Barclays Bank, Post AG, Henkel, Hyundai, Buick, Yamaha, Home Depot, Merle Norman Cosmetics, Microsoft and Arcor repeatedly choose Pandoras Box Media Systems as they offer the highest quality and the ability to react on the spot when change is needed.

This power and flexibility makes coolux systems an ideal solution for trade or fashion shows, presentations and events.

Theater, Opera and Musical

Pandoras Box products merge digital lighting and video projection tools into one cost effective solution.

Short-throw and off-angle projection as well as screen warping provide the maximum flexibility for theater stages like the Kennedy Center in Washington D.C. & Bayreuth.

Installation and Museum

Exceptional design concepts for galleries and showroom applications such as the Volkswagen Dome and Siemens Medical Center depend on the core features of Pandoras Box media systems.

Fixed installations like the Discovery World Museum require low-maintenance and minimum downtime 24/7 operating systems.



WEST DEUTSCHER RUNDFUNK



ATHENS CONCERT HALL



PANASONIC - NAB 2006



LA NATIONAL MUSEUM OF HISTORY

APPLICATIONS

Architectural

More and more artists use video installations for architectural applications to attract large scale attention of a broad audience. Many projects, like the Post Tower in Bonn have benefited from an inspiring makeover by means of the Pandoras Box Media Matrix plug-in.

Digital Signage

For digital signage applications, Pandoras Box media systems take over content management and digital processing as well as distribution to clients by means of various protocols. Create unusual displays to get your message across, as seen at IBC's 2007 spherical display.

Themed Entertainment

Extraordinary design concepts require an absolutely flexible technology. In cooperation with designers, architects and consultants we help you to realize non standard solutions for your venue. Designs for restaurants, cruise ships and motion ride exhibits like Star Trek The Tour are perfect examples.

Concert and Touring

Flexibility, performance and minimal assembly-time are some of the reasons why Pandoras Box Media Servers are constantly in use for concerts and touring. Stars such as Celine Dion, Bette Midler, Gwen Stefani, the Cirque Du Soleil use Pandoras Box Media Systems to entertain their audience with flawless shows and stunning, memorable performances.



POST TOWER BONN



VERTIGO ZURICH



DIRECT TV - LA FIRE FLY



CLOUSEAU PAINTING - WITH LIGHT

TECHNOLOGY

Screen Shaping and Blending

Shaping, blending and warping of video and pictures is possible in almost unlimited ways. Softedge is possible at every side of the projection up to an infinite screen size.

By splitting and distributing files across the network media resolution is almost unlimited. Perfect sync between the individual components of the system is established by the unique coolux MediaNet protocol, so videos and media will run perfectly at any broadcast standard frame rates.

The integrated digital keystone is physically accurate and can compensate perfectly for any off angle projection with linearity adjustment, a unique coolux feature.

3D keystone is achieved by rendering each scene onto a 3D surface. Users can create custom 3D objects and import them into the software with ease. With this technology it is possible to project onto 3D surfaces like 360° domes, spheres or realize projection onto almost any shape.

Multi-Layer Playback and Composition

Multi layer SD and HD 1080p playback for real-time compositing. Apply real-time slow motion, colourmixing, colour correction, transitions and video effects on the fly to each layer. Media can be positioned, rescaled and rotated with XYZ axis control.

Low-Latency HD & SD-SDI Processing

Custom designed input cards offer broadcast specs, with extremely low latency (2 frames). Real-time de-interlacing of HD and SD SDI inputs for live camera inputs as well as live feeds for broadcasting with full layer functionality.

24 Channel Audio Playback

In cooperation with Sonic Emotion Switzerland an optional 24 channel audio plug-in is provided to drive asio powered audio processors as well as the Wave Field Synthesis spatial sound engine from Sonic Emotion.



DIT - FISCHER AND FRIENDS



DEUTSCHER SPARKASSEN TAG - MS VIDEO



POPSTARS - PRO7



DON GIOVANNI - LA OPERA

TECHNOLOGY

Full PC Remote Control

coolux PB Spark software is supplied with each system and enables you to remote control any Windows XP PC through a sequence timeline via TCP/IP. Remote shutdown, Wake on Lan, webbrowser control, sound options, video playback control, remote keyboard shortcuts and mouse actions can all be automated and dynamically called from the timeline.

Extensive Communications Protocols

Custom developed input and output hardware and software modules allow interaction with various communication protocols such as TCP/IP, SMPTE time code, ArtNet, DMX512, Midi, RS 232/422, as well as industrial encoders, distometers, analogue potentiometers and GPI / contact closures.

Software Development Kit

PB Automation is a software development kit for 3rd party integration and remote control by Microsoft Powerpoint / Excel / Access via Macros or Visual Basic scripts as well C# and C++. Customized system control can be created for external touch screens and other input devices.



SCION - GEORGE P. JOHNSON



SIEMENS MEDICAL - FISCHER AND FRIENDS



TELEKOM - GAHRENS & BATTERMANN



STAR TREK - DELICATE PRODUCTIONS

iven by your **suicc** **SS**



MAGNA STEYR



MEDIA CONTROL

Modern entertainment and communication systems have to integrate and control media distribution, projection, lighting and sound and more. Furthermore media integration demands remote control of all involved elements and their interaction with the environment, no matter if it is a moving set tracked by video projection or a visitor in a museum initiating a series of events by proximity sensors as they move about a space.

All Pandoras Box products communicate by standard ethernet connections with the proprietary Media Net protocol, providing a feedback channel for perfect sync of all coolux products. Intuitive and extensive timeline based programming features permit the master device to create cues that can be triggered by an external device or control multiple external components.

Synchronization is an integral part of any show or installation.

Pandoras Box Media Net gathers all standard broadcast, theater and show control protocols and provides an intuitive way to work with them individually or as a group.

Multiple timelines are used when cues have to be triggered independently and maximum flexibility is needed.

- In a show application an animated background's timing is independent of a picture in picture cue or other foreground image element.
- In an architectural installation different rooms can be controlled via separate timelines from a single Media Manager.
- Sensors, SMPTE and contact closures can trigger different timelines and call different events for interactive installations.

The options are unlimited.



HOLLAND IDOLS - TEN FEET

MEDIA VISION

With the Pandoras Box Media Vision system, coolux has developed a dedicated control interface to match the needs of broadcast video and large scale show control on any project without compromising operator speed and precision.

It is designed to control and synchronize digital audio & video devices such as MediaServers, DDRs, VTRs, projectors, LED walls, plasma screens, video walls, matrix switchers, image processors, as well as generic and moving lights, special effects and many more.

It is tailored to the specific needs of live broadcasts and events, theatre, staging and touring applications.

The integrated multi-timeline interface offers an unlimited number of independent timelines, making it the perfect tool to control large scale server arrays for online SD and HD video play-out while freely mixing live feeds, logos or real-time composed animated graphical material from the onboard server RAID storage.

FULL CONTROL.





BUNDESVISION SONG CONTEST - FISCHER AND FRIENDS

MEDIA VISION

SYSTEM OVERVIEW

The console allows direct editing with a robust hardware console that supplies jog-shuttle and transport controls, as well as transition and 3D joystick control.

Media Vision offers remote control, scheduling, asset management and live content processing to Pandoras Box playback products for advanced preview and live mixing.

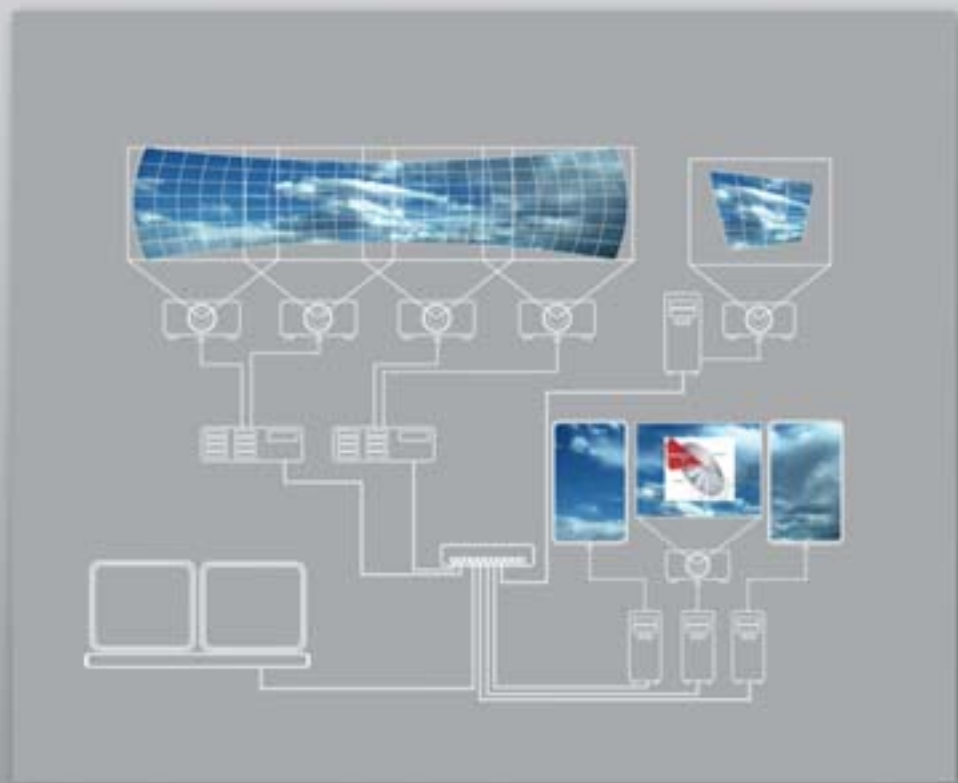
The internal Media Net is ideal for large distribution applications, such as those needed in theme parks, museums or complex broadcast shows.

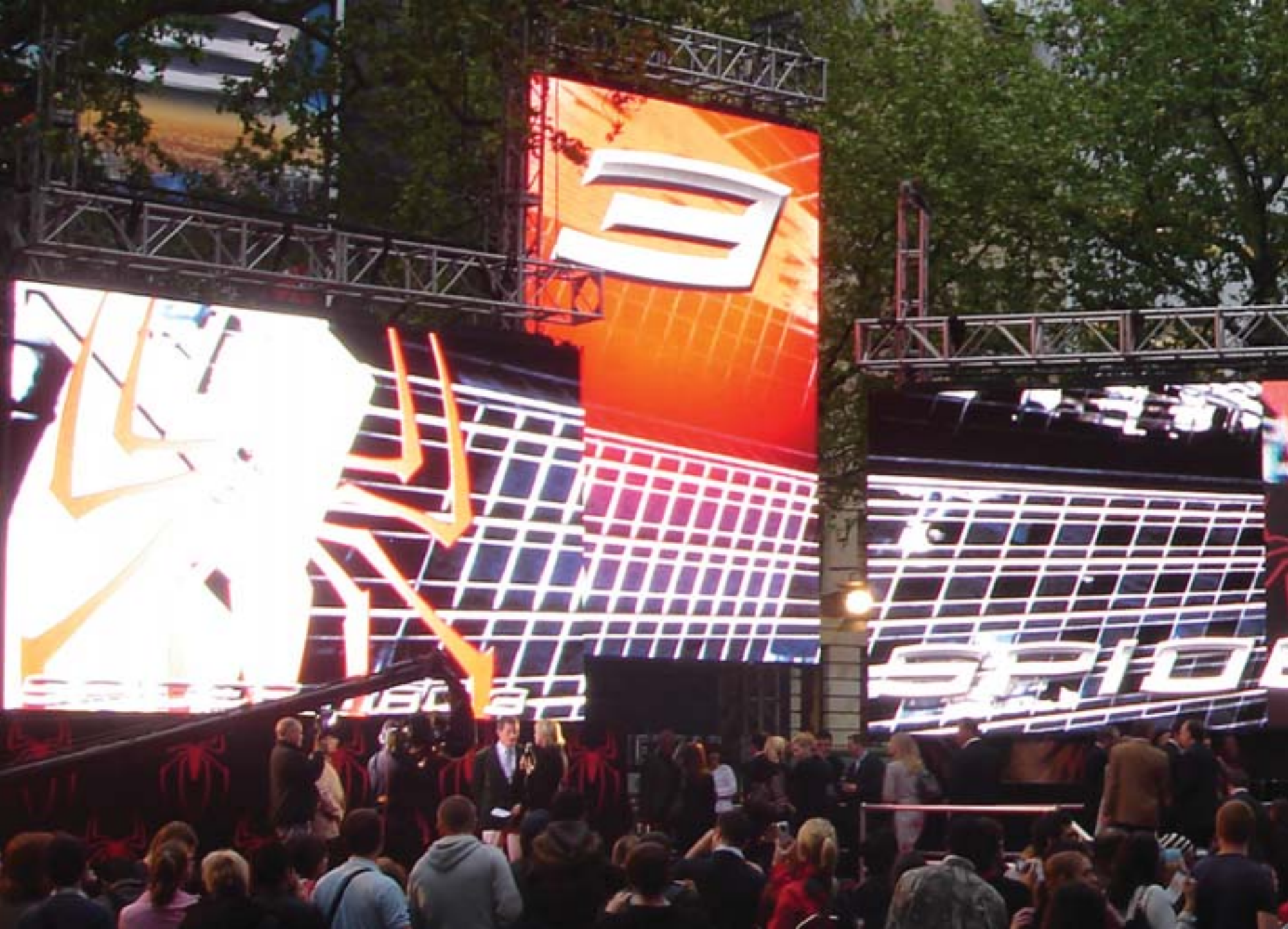
The partnership with Sonic Emotion offers a multi-channel audio plug-in for the Media Vision, featuring 24 tracks of synchronized audio playback.

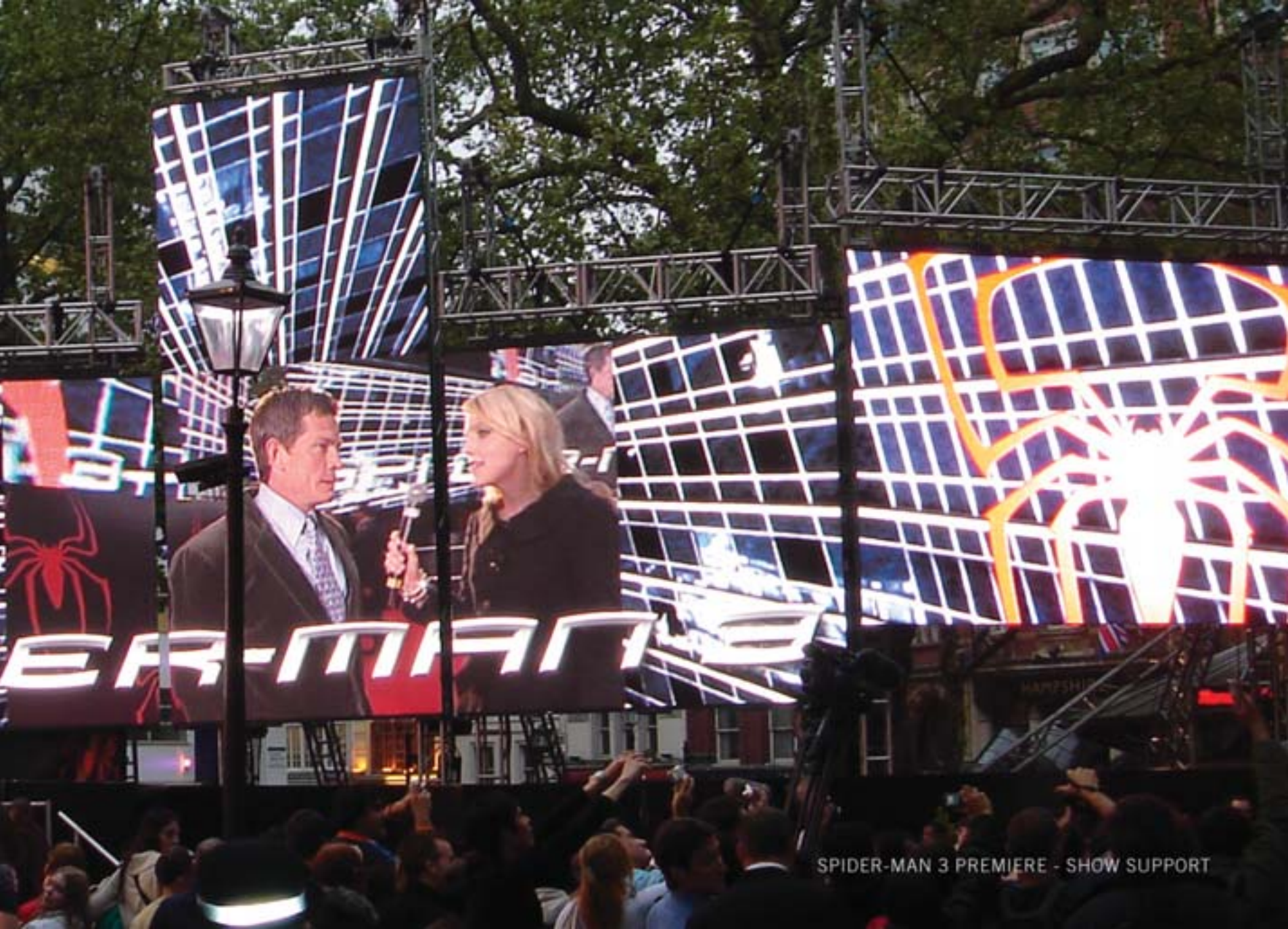
A wide range of protocols is supported via network with both, inputs and outputs:
SMPTE, RS 232, RS422, TCP/IP, Artnet, DMX512 and MIDI.

KEY FEATURES:

- Preview Timeline Control
- 8x Fader Playbacks
- 16x push Button direct access Playback Controls
- Keyframe based Timeline System
- Unlimited Sequences and Cues
- Customizable XML based Device Library
- Customizable User Interface View Setup
- Parameter Preset Storage
- Independent Device Grouping
- Advanced Parameter Alignment Tools







SPIDER-MAN 3 PREMIERE - SHOW SUPPORT

MEDIA MANAGER

The Pandoras Box Media Manager redefines realtime media editing and playback control. This standalone software allows synchronization and remote network control of all Pandoras Box media playback products.

The built-in sequences and cue based timeline interface enables you to control Media Servers, -Players as well as interfacing with all kinds of external controllers via TCP/IP, Serial RS232/422, SMPTE, DMX, Art-Net, analog and digital industrial sensors.

The Media Manager acts as both, a remote file manager and a master-timer, synchronizing any connected client system with sub-frame accuracy for demanding applications.

Similar to standard compositing and non-linear editing software solutions, the project orientated user interface is quick and easy to learn.

REALTIME EDITING.





MACBETH - KENNEDY CENTER, WASHINGTON D.C.

MEDIA MANAGER

WORKFLOW FEATURES

- USB Hardware Playback Unit with Jog/Shuttle Controller
- Control individual or large Arrays of Media Playback Systems
- Network Device Management
- Device control over TCP/IP, RS232/422, DMX & SMPTE

- Remote File-Management, automatic File-Upload
- Thumbnail Media- and Device Preview

- Cue based Timeline Sequencer
- Adaptive Frame-Synchronization
- Remote Playback control via:
TCP/IP, RS232/422, SMPTE, DMX, Art-Net & Sensors

- Device and Parameter Filtering
- Preset Storage
- Custom View Layout
- Device Grouping

PRODUCTS

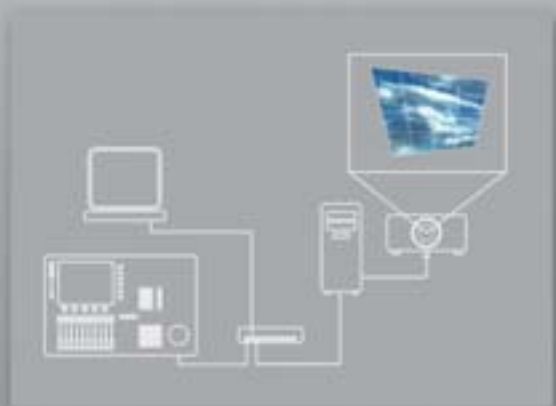
The Pandoras Box MediaManager is available in three upgradeable versions:

Pandoras Box MediaManager PRO
Featuring 8 separate timelines,
an extended playback unit and
a Jog/Shuttle controller

Pandoras Box MediaManager STD
Featuring 2 separate timelines and
a Jog/Shuttle controller

Pandoras Box MediaManager LT
Featuring a single timeline









GULFCUP OPENING 2007 - NEUMANN & MUELLER

SPATIAL SOUND

Sonic Emotion's M3S Space technology

Based on a new audio reproduction technique called "Wave field synthesis", it is possible with M3S to create sound sources even inside the room, in front of the screen.

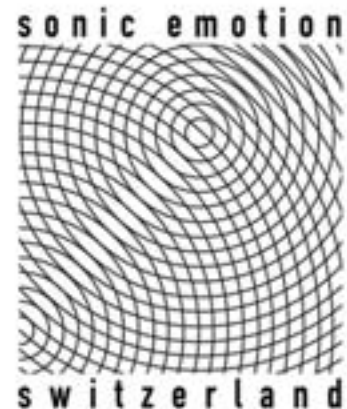
Sound sources are mobile and can be moved around in real-time. The physical dimension of the listening room vanishes and a completely new virtual space is created.

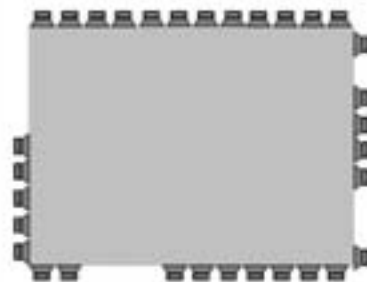
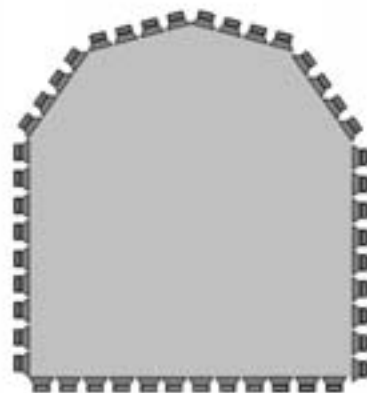
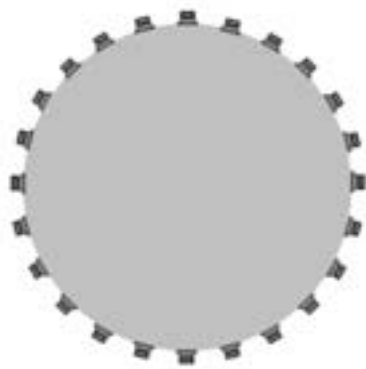
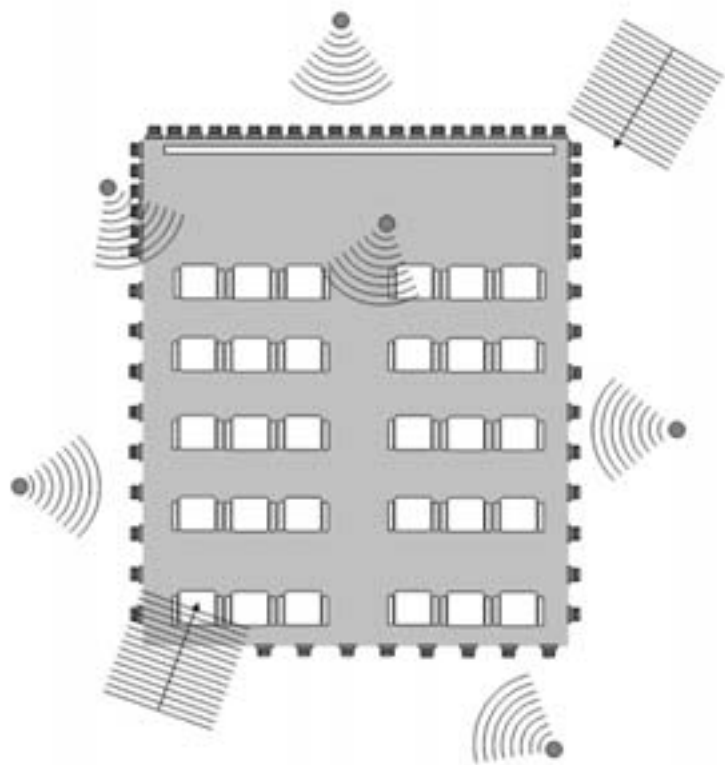
All M3S versions are 100% compatible with existing formats such as DTS, SDDS or even Stereo. Such conventional audio material is substantially enhanced when the listening area and the so-called "sweet spot" is enlarged using M3S.

Applications:

- Sound reinforcement and acoustics treatment
- Theatres, Broadway Shows, Opera Houses,
- Active Room acoustics for Concert Halls
- Cinemas
- Museums, Theme Parks and Showrooms
- Simulation Environments for industrial purposes

PANDORAS BOX FEATURING WAVE FIELD SYNTHESIS BY SONIC EMOTION





PB AUTOMATION

Let the audience interact with the system. Create custom touch screen user interfaces based on your projects design.

PB Automation is a software development kit (SDK) for 3rd party integration. PB Automation can be easily implemented in Microsoft Powerpoint, Excel or Access macros.

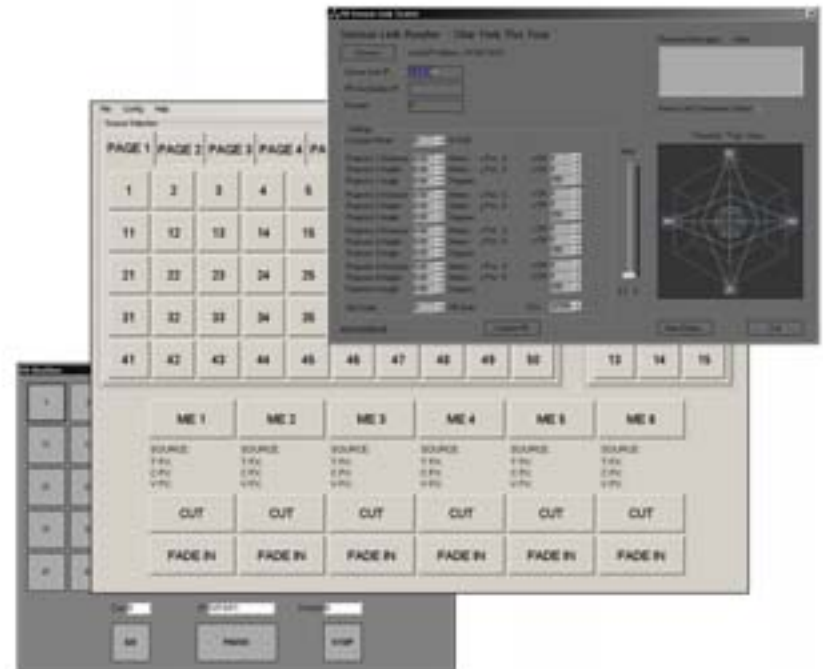
The SDK provides direct access to all sequence controls as well as all device parameters, effects and presets.

An unlimited amount of PB Automation clients can be created to talk to multiple Pandoras Box control systems.

With PB Automation custom integration with 3rd party software can quickly be realized with common programming languages such as Visual Basic scripts as well C# and C++.

coolux also offers individual training and custom applications on demand.

SOFTWARE DEVELOPMENT KIT.





STAR TREK THE TOUR - DELICATE PRODUCTIONS

SPARK

Pandoras Box Spark acts as a remote TCP/IP device that can be installed as a remote control service on any Windows XP PC.

The idea is to enable any coolux timeline to talk to spark and initiate local commands on the target computer.

Spark allows you to control most common command such as system shutdown, reboot, Wake on Lan, web browser control, keyboard and mouse events, as well as almost any 3rd party software control.

This is especially usefull if you need to interact with a Power-Point on a PC or an application that has no standard remote control feature.

The coolux website contains links for recent updates, programming hints and PB Spark applets.

SPARK IS FREE.





SIEMENS MEDICAL - FISCHER AND FRIENDS

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.

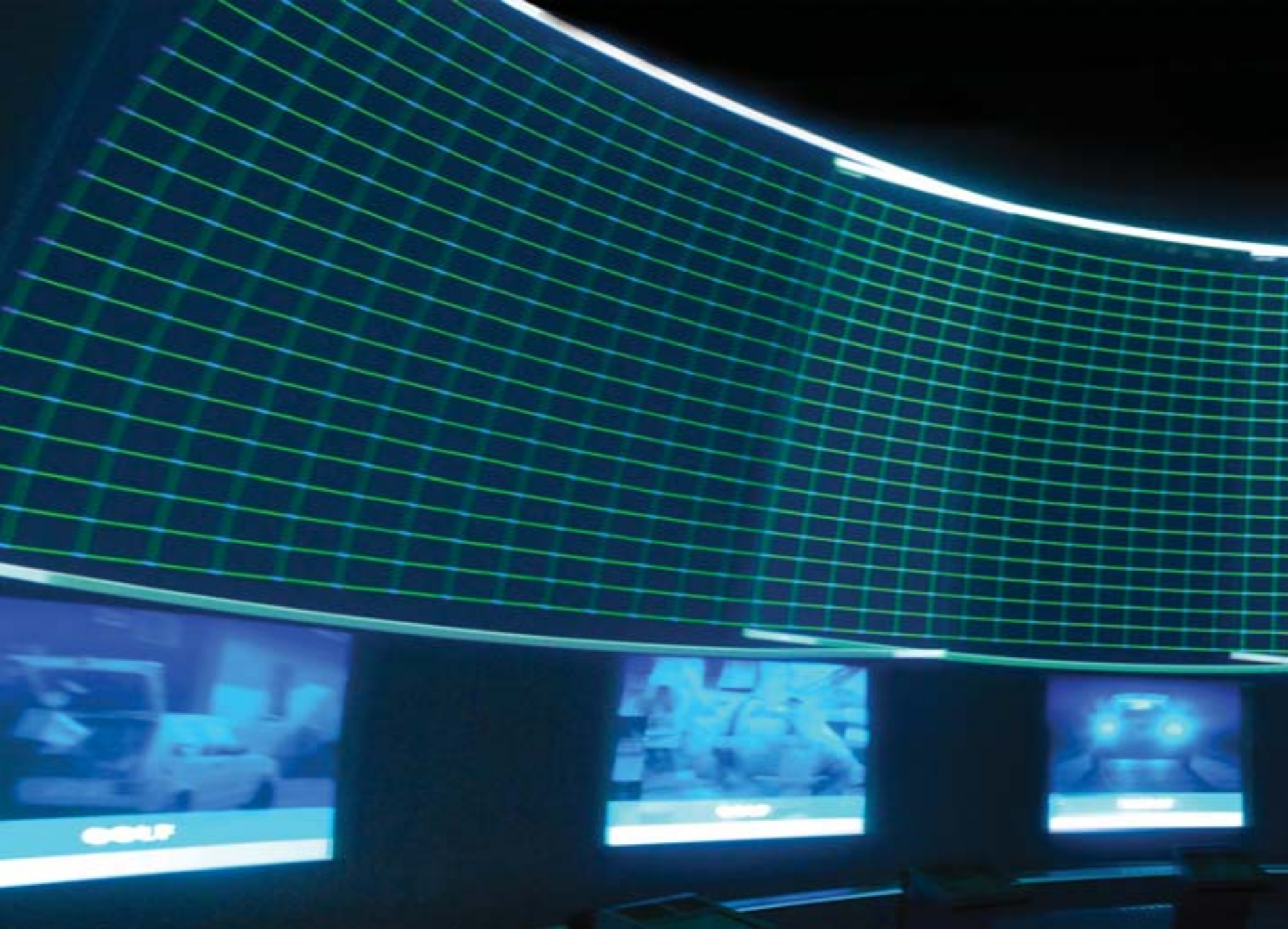
DMX Link 8

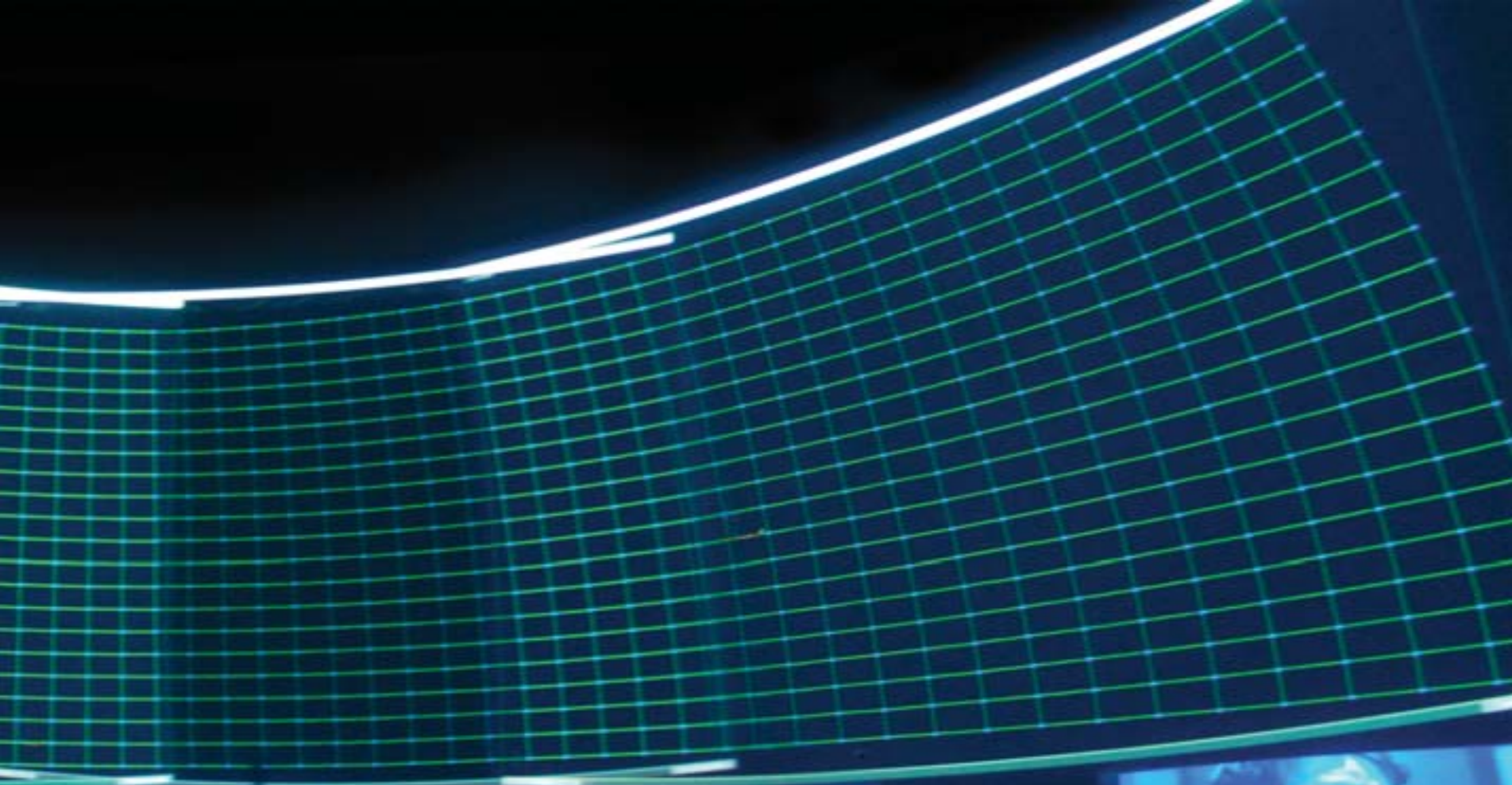
The DMX Link 8 turns any Pandoras Box Controller into a full-featured lighting control system for up to 8 DMX lines per unit. Each DMX Link is built in a 19" rackmount chassis using only 1U. Pandoras Box systems are supplied with a library of hundreds of DMX fixture profiles.

- 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





VOLKSWAGEN KUGELHAUS - SIEMENS BUILDING TECHNOLOGIES

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.



MEDIA ENGINE

With the Pandoras Box Media Engine, coolux matches the requirements of high class broadcast applications. It sets new standards in real-time video play-out and rendering.

The Media Engine is designed to enhance the workflow in an SD/HD environment and features multiple SD/HD video layers. Additional graphic layers allow transitions and animations in 2D and 3D for dynamic composited setups, PIP or other special configurations.

Low latency 2x SD/HD SDI input and 2x SD/HD SDI output complete the Media Engine profile.

The Media Engine is part of the coolux media network and can be remote-controlled as a client via TCP/IP RS232, RS422, with a coolux Media Vision controller or with Media Manager via Media Net over ethernet or Art-Net.

coolux Media Engines are designed for fixed installations as well as for touring and live broadcast events.

BROADCAST QUALITY VIDEO PROCESSING AND PLAYBACK





AMERICAN COUNTRY MUSIC AWARDS - DICK CLARK PRODUCTIONS

MEDIA ENGINE

KEY FEATURES

- 3D DVE, XYZ Size, Position and Orientation
- Transition Control, Wipes
- Advanced Colour Keying multiple Colour Correctors and hundreds of Real-Time Video Effects: Posterize, Invert, Blur, Tiling, Cropping, Feather...
- Dynamic Effects on all Layers and Live-Text Assets
- 2 Output Channels SD/HD SDI and DVI-D
- 2 Input Channels SD/HD SDI Input
- Internal RAID Storage
- Frame accurate Control & Playback via Media Net
- Video Playback using a high profile MPEG2 Engine 4:2:0 or 4:2:2
- Standalone Operation and Playback
- Extensive Media Library included

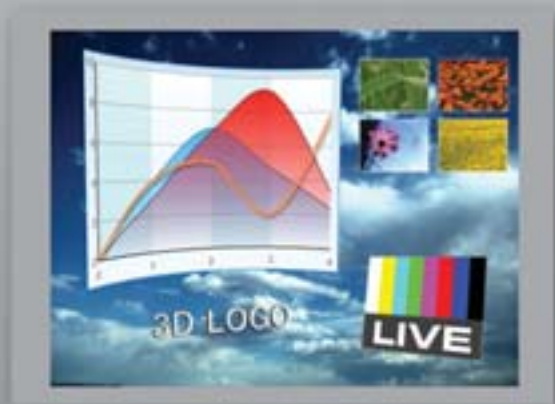
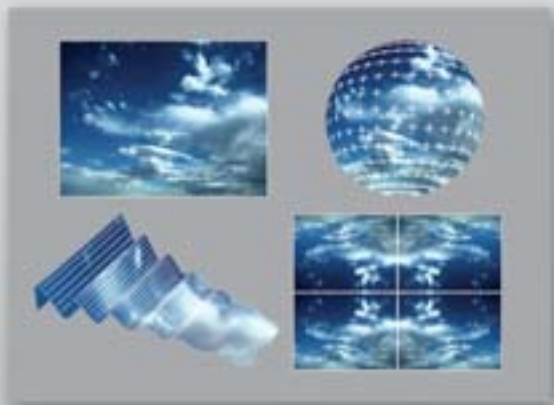
PRODUCTS

The Media Engine is available in two different models:

Media Engine SD
8 Layers of SD (NTSC/PAL) Video
16 Graphic Layers (1K)

Media Engine HD
16 Layers of SD Video, 4 Layers 720p or 2 Layers 1080p
32 Graphic Layers (2K)

When additional video channels are required, multiple Media Engines can be networked together for video output channel expansion with full frame synchronization.







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.





DELIRIUM WORLD TOUR - CIRQUE DU SOLEIL

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

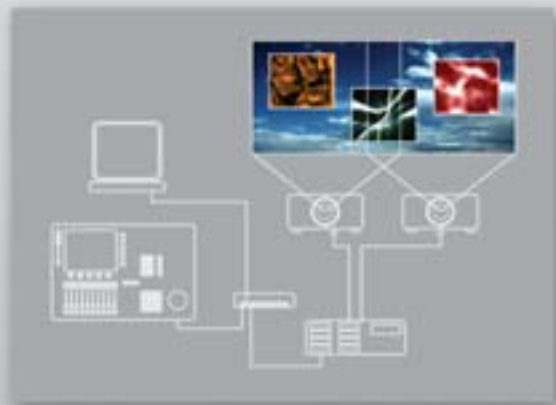
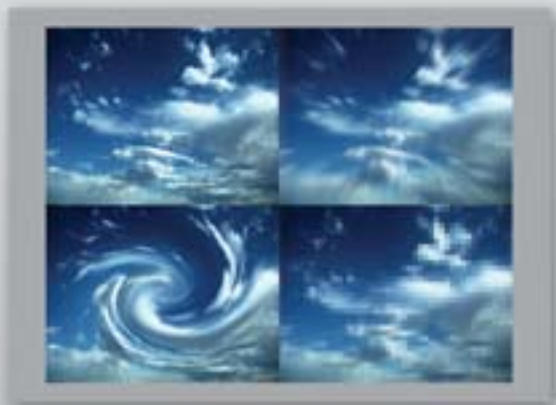
Pandoras Box Media Server STD
8 video and 16 graphic layers
1 TB of redundant RAID hard disc space

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.



INDUSTRIAL SOUL

INDUSTRIAL SOUL



GOLDWELL ■

CLOSED TO STYLISTS - CLOSED TO PAIR

GOLDWELL ■

CLOSED TO STYLISTS - CLOSED TO PAIR



GOLDWELL - LOOPLIGHT

MEDIA PLAYER

Pandoras Box Media Players offer the ideal, cost-effective software solution for all video professionals with multi-media requirements in smaller projects. 2/4 video-layers and 4/8 graphic-layers are available to be programmed and arranged quickly and easily.

Several easy-to-control effects as well as HD playback turn the Media Player into a professional tool for creative projection and video design. Install the software on your PC and you can use it as a standalone tool or connect either a Media Manager or any lighting console and go!

Freely combine Media Players and Media Servers for scalable applications and use the included softedge function for bigger screen sizes.

The Media Player is the perfect companion in smaller theatre projects, digital signage applications, corporate meetings and architectural installations such as bars, clubs and museums.

COMPACT SOLUTION.





THE MAGIC FLUTE - ATHENS CONCERT HALL

MEDIA PLAYER

KEY FEATURES

- One Output per System
- Output Resolution up to 2048x1536 Pixel (Hardware Specific)
- Audio Output (Hardware Specific)
- Keystone Correction (PRO Version)
- Softedge Blending
- Multiple Live Inputs per System possible
- HD Playback on all Systems
- Up to 4 Video and 8 Graphic Layers
- 2D Rendering XY Position / Z Rotation / XY Scale
- FX Engine for Colour- and Video FX
- Slow Motion Video Playback
- Video Format: MPEG2, AVI, Quicktime
- Image Format: .bmp, .jpg, .tga, .png
- Audio Format: .mp3, .wav
- Art-Net Ready
- Optional DMX Link Interface
- Optional DMX Matrix Plugin
- Extensive Media Library included

PRODUCTS

Pandoras Box Media Player is available in two upgradeable versions

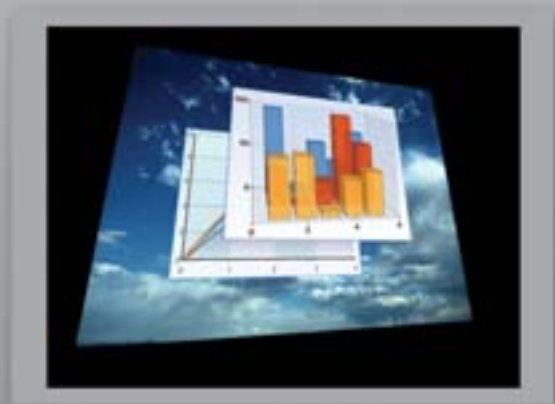
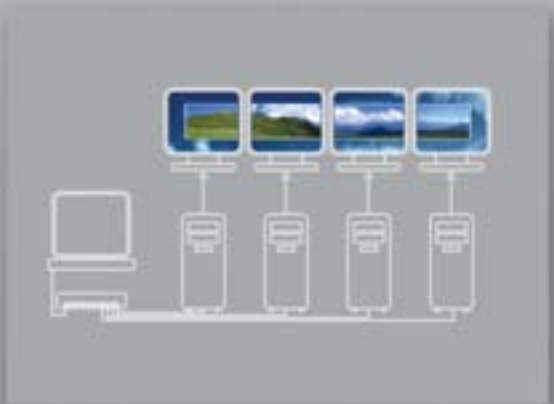
Media Player PRO
4 video layers and 8 graphic layers
featuring 16 bit integrated keystone correction
90 effects and advanced keying

The ideal solution for use with static or moving video projections.

Media Player STD
2 video layers and 4 graphic layers
offering 60 effects
16 bit x&y position- and scaling

The perfect tool for smaller installations and applications.

A 19" Base Server is available upon request. This server can be equipped with optional input cards from coolux.



MEDIA SPLITTER

The Media Splitter is the perfect accessory to drive multiple screens from a single source. Create large scale video walls and combine the display mapping of the Pandoras Box media playback systems to create unusual screen designs.

The Media Splitter is a display wall controller that connects to the VGA output of any PC and displays the image across four screens. Each screen displays a quarter of the input image in a 2 x 2 format. The Media Splitter can be connected to RGBHV analog sources as well as to DVI-D Inputs.

Using multiple split-outputs with Pandoras Box will allow you to compensate any screen-gaps to create continuous sets and arrays of video screens as well as projections.

When used in combination with the Pandoras Box range of Media Servers and –Players large display walls may be created by connecting the outlets of each output to Media Splitter units.

MULTIPLY YOUR VISION.





MEDIA CONTENT

Pandoras Box Media Loops

Pre-rendered, high resolution digital clips, ideally suited for use as atmospheric backgrounds for other production elements such as films, 3D objects, presentations and title animations.

Pandoras Box Media Gobos

Animated gobo effects, reduced onto one film that can then be used on one layer in the Media Player. Replaces two conventional gobo layers.

If your needs call for customized resolutions, coolux can provide HD and custom formats as well.

Special formats or three-dimensional, pre-rendered objects are also available on request.

Pandoras Box Media Tiles

Structure motifs can always be seamlessly joined together thus creating scaleable, complex background patterns.

Pandoras Box Media Masks

The traditional gobo as a digital mask to shape images. Individual gobo effects can be achieved by superimposing different images.

The content is contrast optimized and supplied in PAL/NTSC resolutions.



REFERENCES

Everyday producers and directors in theatre and television, along with event managers, designers and production companies around the globe trust in the performance and reliability of Pandoras Box Media Systems from coolux.

The Sinus Award for CEO Jan Huewel and the LDI 2007 Award for the “Best Projection Product of the Year” make us feel proud of our achievements.

But what really matters are the many amazing and successful installations created by our customers who convince us that we are providing the right tools.

Find out where our products are used and let us know what we can do for you.

100 Years Klöckner
49th Annual Grammy Awards, USA 2007
58th Annual Emmy Awards, 2007
Abu Dhabi 18th gulf cup 2007
Abu Dhabi TV Awards, 2007
Adidas, The Golden Evening, 2006
AIDA Aura und AIDA Diva Cruise Ships
Aktion Mensch
America's got Talent
ACM Awards, USA 2007
American Idols 2006
Arcor, CeBit
Arctic Monkeys, 2007
Art on Ice, Switzerland
Athens Concert Hall, Greece
Audi-Presentation, 2006
Ball der Künste, Munich 2007
Barclays Bank, Mumbai 2007
BASF
Bayreuther Festspiele
Belle et Fou, Berlin
Berliner Ensemble
Bette Midler, 2008
Bosch Rexroth Group, Germany 2007
Bregenser Festspiele, Germany 2007
Bundes Vision Song Contest, 2005, 2007
C&A Fashion Show, 2007
Celin Dion World Tour 2008
Chinese Art Festival, Singapore, 2007
Cirque du Soleil 2005, Canada
Cirque du Soleil, Delirium World Tour
Clouseau, 2005
Clouseau, Belgium
Cologne Opera
Cologne Philharmonic Orchestra
Commerzbank, 2007
CSU - Convention
Deutschland sucht den Superstar, 2006
Discovery World Museum
DIT, 2005
EinsLive Krone, 2004
EP Booth and Salesmeeting
Etisalat, Dubai 2006
EXPO 2005 Japan - Robert Wilson
Festspielhaus Neuschwanstein, Füssen

FIFA 2006 Opening
Foo Fighters Tour 2007
Friedrichstadtpalast, Berlin
Gala Night of Sports, ORF Austria 2007
Goldwell, exhibition booth 2007
Gorki Theatre Tour, Belgium 2007
Grand Lisboa Casino, opening event, Macao
GRAND PRIX der Volksmusik, ORF Austria
Grimme Preis, WDR
Gwen Stefani 2005, USA
Hansi Hinterseer Tour 2006, 2008
Harlem Gospel Singers, 2006
Heidelberger Stadttheater
Helsinki Opera
Henkel National Dealer Meeting
Hit Me Baby One More Time, USA
Holland Idols, Netherlands 2005
Honda Presentation, Las Vegas
Hong Kong Dance Company, 2007
HYUNDAI - i10 Car Launch in India, 2007
IAA 2005
Ich bin ein Star, 2004
INXS Tour 2006
JOJ, Slovakian TV station
Kandy Club, Beijing
Kennedy Center, Washington
Lexus, Roadshow 2007
Los Angeles Opera 2007
Marco Bosato, Netherlands
Marylin Manson Tour 2007
Mayday, Germany 2006
Microsoft Government Leadership Summit
Microsoft Slovenia, 2007
MTV Fashion Show, Singapore 2007
NAACP Image Awards, USA 2007
NFL Opening
NRW Duell, WDR
NUSA DERANDA and the RTV Slovenian Big Band
O² Arena Grand Opening, London 2007
Oomph Tour, Europe
Palace of Arts, Budapest
Panasonic NAB Presentation
Popstars, Germany
Posttower, Bonn
Proventus Gala 2005

Ranstad, Belgium 2007
Rexroth Presentation
Rob Zombie Tour 2006
Sandy Lam in Concert 2008
Schwarz Pharma, Germany 2007
Schweizer Filmpreis, 2006
Seelife - Aida Vita
Siemens Medical Showroom, Erlangen 2007
Skoda, Sales Meeting 2006
Sony, Presentation 2007
Spiderman 3, Premier UK 2006
Staatsschauspiel, Munich
Staatstheater Oldenburg
Stage Holding Musical Gala 2004
Star Trek The Tour, USA 2008
Starmania, ORF Austria 2007
Suzuki Convention, UK 2006
Telekom Cebit 2006
Thalia Theater, Hamburg
The CBeebies Live UK Arena Tour 2007
The National Congress of NEA Democracy, Greece
TMF Awards 2004, Belgium
Tool World Tour 2006
Top of the Pops, Deutschland
Toyota 2006
Toyota, Taipei International Motorshow 2008
Tracy Chapman, USA
TV Total, Germany
UNITECH Conference, New Delhi 2007
Vertigo, Zürich
VIVA Comet 2005
Votankis Music Hall, Athens
VRT Television Studio 2, Belgium
VW Autostadt Winterevent
VW Dresden, Gläserne Manufaktur
We Will Rock You, Germany / Switzerland
World Music Awards 2005, USA
WDR, Various Projects, Cologne
Xristos Dantis, Greece 2007
ZDF, Various Projects, Germany

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