Axon

Media server powered by the DL.3 graphics engine

Key benefits

- Rack-mount digital media server
- True 3D graphics engine
- Simultaneous playback of nine discrete media streams
- Simultaneous playback of nine discrete media streams on separate 2D/3D objects
- Ability to import 3D object images
- Intelligently manage digital media files over Ethernet from Mac or PC
- Software built on proven Windows XP Embedded and DirectX
- Dual HD-SDI inputs
- Perfect media server for shows also using DL.3s

The Axon Media Server, powered by the award winning High End Systems digital lighting graphics engine, provides you with all the cutting edge functions of the DL.3 —including Collage Generator and Curved Surface Support—with the flexibility of choosing your own output device. Axon can feed video to digital lighting fixtures, LED panels or large format projectors. It's the flexible solution for those who already have their own video display device, and want a world of unlimited image possibilities.

Axon ships with over 1,400 stock media clips and has 200 folders for custom media clips. Stock Content is locked down using the XP Embedded Operating System. That means all stock content is protected and consistent among all units. The XP Embedded O/S also protects Axon from drive corruption and O/S degradation over time. With the on-board content management software, you are able to move and manage the local media as well as any Axon, DL.3 or DL.2 on the local area network.

Axon and DL.3 use the same graphics engine DMX protocol, which simplifies programming. They operate the same way from a DMX console or via Art-Net. Use Axon at the Front of House area to preview content and programming for your show. Use it to pre-program DL.3 fixtures as the Axon protocol completely matches DL.3's DMX protocol. Connect another live video source (camera, DVD player) to Axon using dual HD-SDI inputs. So many ways to deliver!

HIGH END SYSTEMS

BARCO

Visibly yours

Axon Technical specifications

SYSTEM

• Powerful content management and configuration software can remotely manage multiple Axon, DL.3 and DL.2 fixtures.
• Supports importing of custom content including: 3D objects, media files, still images
• DMX512 and Art-Net support
• Royalty-free stock digital art collection featuring over 1,400 lighting-optimized files.
• Dual HD-SDI connections accept a wide range of media device inputs.
• Programming compatible with DL.3 fixtures
• Software based on Windows® XP Embedded and DirectX® technology

GRAPHICS ENGINE

• Simultaneous playback of nine discrete media streams on separate 2D/3D objects.
• 36 object parameters for graphic control of each individual media stream including:
  · A choice of multiple play modes and play speeds
  · The ability to define any segment of a video loop including Scrub capability
  · Multiple color mixing and visual effects that can be combined any way you choose
  · Chromakey effects to layer any content by keying on any colormix to make transparent
  · Full control of image Rotation, Positioning and Scaling on X, Y and Z axes
  · Visual modes let you control brightness and contrast to optimize content
  · Video input or camera capture you can apply to 2D/3D objects
• 52 Global parameters provide graphic controls to the composite image created by up to nine media streams
  · 5 effect banks allow multiple combinations of effects
  · Color effects including edge colors allow for combined image color mixing
  · Multiple mask selections with edge fading and strobe effects
  · Edge fading for creating montages
  · Keystone correction on output projection
  · Digital shutters on output projection
  · Viewpoint controls change viewing angle/perspective on images
• Multiple modes for synchronizing all networked Axons and/or DL.3, DL.2 fixtures

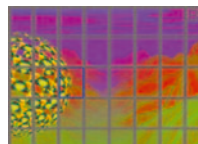*110 Axons powered the 2008 Olympics in Beijing*

CONTENT MANAGEMENT APPLICATION

• Runs locally and also can run remotely over network
• Communicates with DL.3 and DL.2 fixtures over an Ethernet network
• Uploads and downloads custom digital content
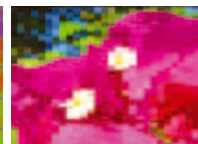• Configures fixtures with remote control of all menu commands

HARDWARE

• 3U standard rack mount
• Dual HD-SDI inputs for professional applications
• Gigabit Ethernet for fast content uploading and multiple fixture synchronization
• Dimensions: 65 x 89 x 528 mm (18.3 x 3.5 x 20.8 in.)
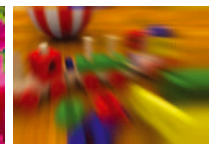• Weight: 15 kg (33 lbs.)
• One year product warranty

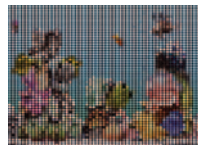*Some of the many available effects:*

| Collage generator | Pixelation | Zoom blur |
| Faux LED | Fuzzifier | Chroma shift |

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