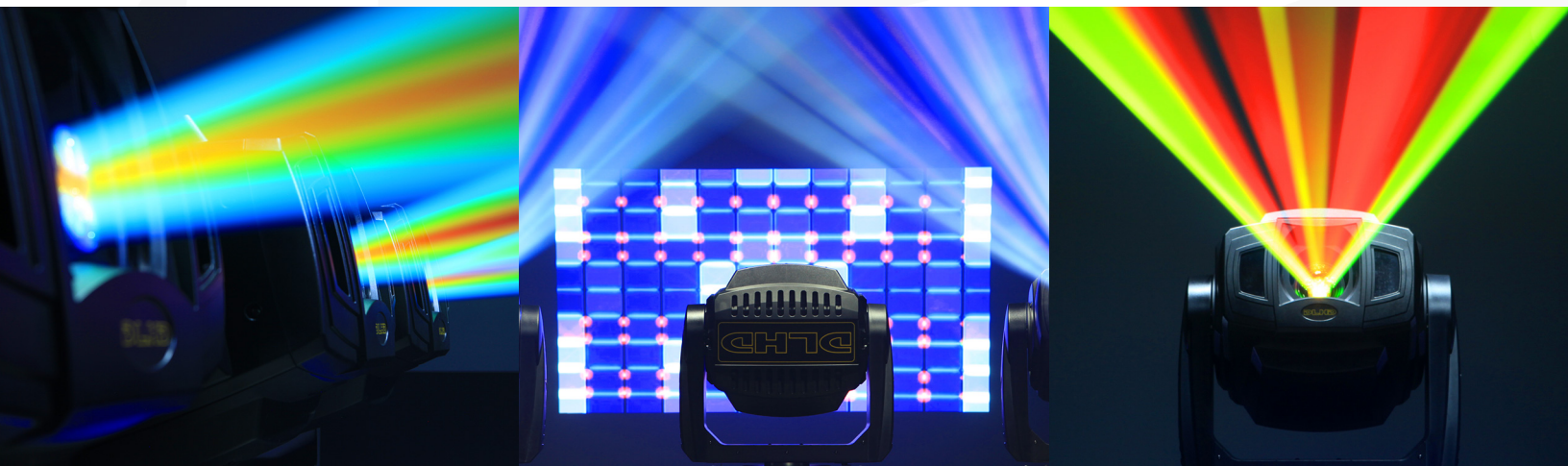


HIGH END SYSTEMS



BARCO

Visibly yours



The DLHD Digital Light is the first High Definition integrated moving digital light on the market. This revolutionary fixture is integrated with an Axon HD media server that is loaded with a wealth of High Definition digital content. Coupled with a high output QuaDrive™ light engine, the DLHD delivers bright, crisp and beautiful images to fuel creativity.

DLHD offers the industry a tool which is limitless in its application, totally flexible and utterly awe-inspiring!

DLHD

SYSTEM

1920 x 1080 'Full HD' Projection Engine
QuaDrive™ LCD for saturated color reproduction and increased brightness

DLHD software based on Windows 7
Embedded, DirectX 11 and FFMPEG

Pixel Accurate rendering and playback of content

Powerful Content Management and Configuration suite can remotely manage multiple DLHD fixtures

- *Multi Codec Media Files*
- *3D Objects*
- *Still Images*

DMX512 and Art-Net support

Remote software upgrade capability

High Definition Royalty-free stock digital art collection

- *Including original DL3 content*

HD SDI capture with loop through

GRAPHICS ENGINE

Simultaneous playback of 10 discrete media streams on separate 2D/3D objects

Multiple object parameters give you graphic controls for 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*
- *Variable opacity to allow for cross fading or dissolves between media streams*
- *Full control of image rotation, positioning and scaling on X, Y and Z axes*

- *Visual modes that let you control brightness and contrast to optimize content*
- *Live video input you can apply to 2D/3D objects*

Multiple global parameters provide graphic controls to the composite image created by up to 10 media streams

- *Intensity overlays the opacity control to provide system-wide intensity level*
- *Overall image color mixing applied to composite media stream image*
- *Color effects including edge colors allow for combined image color mixing*
- *Multiple mask selections with edge fading and strobe effects*
- *Chroma Key effects to layer any content by keying on any color mix to make transparent*
- *Edge fading for creating montages*
- *Keystone correction on output projection*
- *Digital shutters on output projection*
- *Multiple modes for synchronizing all networked DLHD fixtures*

Content Management Application (CMA)

Windows Compatible

Communicates with DHLD, Axon HD and Axon HD PRO over an Ethernet network

Uploads and manages custom digital content to DLHD fixtures

Configures DLHD fixtures with remote control of all menu commands

3D Image Warping Engine

3D Geometry correction of the image

Independent of the graphics engine

Pre defined geometric canvasses and shapes

Ability to import user defined geometry

Store and recall up to 255 individual warp files

Knock out projection areas on the fly

Hardware

Motion parameters for mechanical fixture control include:

- *Mechanical iris adjustment to full black-out*
- *400-degree pan and 240-degree tilt movement*
- *DMX control of projector zoom and focus*
- *DMX control of vertical lens shift*

Full color display and preview monitor/menu functions

Powered by an Intel Core i5-4670 3.40 GHz processor with a Radeon HD7750 Graphics Processor and 8GB of RAM

Solid State Hard Disk Drive (256GB)

Decklink HDSDI Capture Card

Gigabit Ethernet for fast content uploading and multiple fixture synchronization

Interchangeable lenses for any throw distance

PATENTS PENDING

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

ONE YEAR PRODUCT WARRANTY AND TECHNICAL SUPPORT

WWW.HIGHEND.COM