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LIGHTING CONTROL SYSTEMS

CANVIX MATRIX SERVER



Today it appears that the major trend in the industry of stage and architectural lighting is LED. With the number of LED fixtures and applications growing daily, this technology enables us to create new lighting effects. Popular types of application for LED fixtures are matrix set-ups where tens or sometimes hundreds of LED fixtures are arranged in a 2-dimensional array of pixels. Using matrixes you can create astonishing effects and visuals that are renowned for bridging the gap between lighting and video.

The issue of controlling matrixes is becoming a hot topic. The market demand is clear, this new way of lighting needs a specific lighting controller. Where classic controllers struggle to adapt to controlling matrixes and LEDs in general; VP releases brand new DMX lighting control software designed exclusively for the control of LED and matrix setups: Canvix, the dedicated matrix server.

Canvix tackles the control of matrixes with a unique concept: instead of controlling the LEDs individually, the normal approach when controlling classic fixtures, Canvix bundles together all fixtures to form one whole canvas; a 2-dimensional area on which effects and graphics can be applied. This powerful approach allows for sophisticated video-alike visuals, as well as fast pixel painting for the easy creation of graphics.

Canvix is equipped with an advanced graphical user interface that will immediately make you feel at home. By reusing control concepts from traditional lighting boards and media servers known for video applications, any lighting operator should easily begin to work with Canvix software. For full compatibility with traditional controllers Canvix features a DMX Input and is supplied with personality files for all popular lighting desks.

INTUITIVE USER INTERFACE



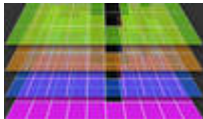
Canvix' user interface is set in night vision colors and is 100% touch screen compatible, enabling any function in the software to be operated by touch screen in a fast and hands-on style. The control elements in the software emulate those commonly used in traditional lighting boards giving an intuitive user interface that enables all operators to quickly be in control.

COMPATIBLE WITH 3RD PARTY LIGHTING BOARDS



Canvix is designed in a plug-and-play fashion allowing the easy connection to a third party lighting board if desired. With a DMX Input the user can simply use Canvix as a fully functional matrix plug-in for their traditional lighting board. Personality files for Canvix are available for all industry standard boards.

4 PLAYBACK LAYERS



The operation of Canvix is similar to that of a media server, utilizing 4 playback layers and an unlimited library of graphics. Any of the layers can be set to playback any of the graphics, allowing the operator to let his creativity freely flow and create infinite combinations. All playback functions are directly accessible via the graphical user interface and the DMX Input.

COMPUTER GENERATED PATTERNS & TEXT



Canvix allows you to render text and to create patterns in popular graphic formats like BMP and GIF. Next to these functions Canvix is supplied with customizable computer generated patterns, including dynamic and creative effects which automatically adapt to the dimension of the current matrix and can be adjusted during playback to change the colors and various other parameters.

MODULAR HARDWARE



The Canvix software works in conjunction with hardware interfaces to create the DMX signal. The optically isolated hardware features both DMX Output and DMX Input devices that are connected through USB. The hardware is scalable, allowing you to add more units as your matrix requirements grow.

Specifications

Fixture Independent Architecture (FIA)
Supports 4,096 output DMX channels
Max. matrix dimension 80 x 80 pixels
4 Playback layers
Supports BMP & GIF formats
DMX Input
Password protection
100% Touch Screen optimized
Art-Net
Minimal Requirements

Microsoft Windows XP or Vista
Pentium CPU 2 GHz or equivalent
XGA 1024x768
256 MB RAM Memory
25MB Disk Space
Touch screen is recommended but not required

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