



### Features:

#### EUROLITE LSD-100 MK2 (H)1.6m x (W)1.6m

##### LED soft displays

- Flexible displays with tricolor RGB LEDs (type SMD 5050) for bright and colorful projection of videos and graphics
- Improved version with even brighter LEDs
- Proven connector system with push buttons and hook-and-loop connections
- Modular display concept allows the build-up of large areas, ideal for outdoor use with large viewing distances
- Bendable and foldable PVC material suitable for various shapes, e.g. columns, circles, angles
- Fast and uncomplicated installation, indoor and outdoor (IP44)
- Truss suspension via built-in belts
- Water-repellent and flame-resistant
- Low weight and small volume for convenient transport
- Easy maintenance - LEDs can be replaced without difficulty
- Controllable via optional network components and PC software
- All-in-one control system T9 (80503301): network interface and software LED Show T9 - ideal system for mobile use with notebooks with 1-gigabit NIC
- Control system LED studio: receiver interface (80503311), PCI sending card and software LED Studio (80503130)
- Recommended media software: MADRIX
- Switch-mode power supply for operation between 100 and 240 volts
- Power output for passing on the power supply
- Available in different sizes and pixel pitches
- Custom sizes available upon request (in 1.6 m units)

### Logistic

## **MADRIX KEY dvi start**

MADRIX dvi - software for DVI/T9output

- MADRIX is a powerful, easy-to-use, and award-winning LED lighting control software
- Allows you to realize all kinds of different LED projects and lighting designs
- A normal PC/laptop can be used for professional LED control
- Includes 1 license for the software MADRIX
- Activates output for up to 512 DVI pixels (for example, 32 x 16)
- The license is activated via a USB dongle and can be used flexibly on different computers as needed
- Can be used in parallel with other MADRIX licenses
- Can be upgraded to higher licenses (up to MADRIX KEY ultimate)
- Supports many industry protocols and communication standards for direct connection to your LEDs and LED controllers (incl. DVI, EuroLite T9, ColourSmart Link, Colorlight 5A, Colorlight A8, Colorlight T9, etc.)
- Allows mapping in 2D (pixel mapping) as well as real, spatial 3D (voxel mapping)
- The software generates unique effects, visuals, and animations live and in real time
- No additional content is required
- Already includes a multitude of stock effects that are fully customizable (in speed, color, shape, direction, size, movement, position, brightness, etc.)
- Analyzes incoming audio signals Sound2Light and Music2Light in real time
- New lighting scenes can easily be created in seconds
- Supports media server features also: Conveniently load and play back images, pictures, and videos as well as live signal capturing, screen capturing, scrolling text (ticker), and more
- Variety of options to combine visuals and graphical elements (layers, mix modes, filters, etc.)
- 256 x 256 Storage Places to organize and store effects
- DJ-like operation with 2 decks (Left/Right) and a crossfader
- 3 real-time previews to show your visual effects in advance (incl. 2D/3D, zoom, rotation)
- 2 DVI outputs
- Controls up to 4 color channels per pixel/voxel (e.g. 1-channel, 2-channel, RGB, RGBW fixtures)
- Freely configurable Cue List for automated playback of a show (incl. time, date, duration, etc.)
- Supports Time Code from Art-Net, MIDI, SMPTE, and system time
- Remote control available via DMX-IN, Art-Net Remote, MIDI-IN, HTTP (internet browser), CIP
- Accompanying Fixture Editor provided including large fixture library
- Includes various other tools and features (DMX Fader Tool, DMX Watcher, Matrix Generator, Patch Editor, Touch Screen window, backup system, scripting, mapping, scaling, etc.)
- Supports various 3rd-party interfaces and MADRIX hardware interfaces (sold separately)
- Minimum system requirements: 2.0 GHz dual-core CPU, OpenGL 2.0 graphics card (NVIDIA recommended), 2 GB RAM, 1 GB free harddisk space, 1280 x 768 screen resolution, network card, sound card, USB 2.0
- Supported operating systems: Microsoft Windows Vista | 7 | 8 | 8.1 | 10 (compatible with 32 bit and 64 bit)
- Package contents: DVD case with installation CD and USB dongle. The user guide is installed digitally.
- Installation instructions and software available in English, Spanish, French, and Simplified Chinese
- User manual available in English
- Made in Germany
- Free software demo version, user manuals, and more information available at [www.madrix.com](http://www.madrix.com)
- Suitable for controlling LED Pixel Mesh and LED Soft Displays (LSD series)

## **EUROLITE LSD AIO Network control system**

All-in-one network control system LED Show T9 for LED Soft Displays

- Complete network control system including network interface and software LED show T9 on CD-ROM for controlling LED soft displays with a network-compatible computer
- Ideal control system for mobile use with notebooks with 1 Gbps NIC - requires no additional video card
- 1 network interface allows control of 128 x 128 pixels
- Serial connection of network interfaces possible for control of up to 1024 x 896 pixels
- 8 data signal outputs (each controls 128 x 16 pixels) for connection to LED display panels
- Ethernet input and output, LAN cable included

- System requirements: separate 1 Gbps NIC, Windows 2000/XP/Vista, >1.8 GHz CPU, >1 GB disk space
- Power supply via LED soft displays
- Software functions:
  - supports movies, flash, pictures, and live camera input
  - audio-driven flash animations
  - multiple screen output
  - automated effect parameters
  - up to 6 simultaneous
  - mix up to 3 layers using 18 different overlay
  - user-definable transitions and masks
  - scratch video
  - control playback speed and direction
  - file browser with clip information and preview
  - supports TheaterMode for ATI video cards
  - compatible to media software such as MADRIX

## Technical specifications:

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|                  |  |
|------------------|--|
| Special product: | Not designed for household room illumination |
| Intended use:    | Show effect lighting                         |

### EUROLITE LSD-100 MK2 (H)1.6m x (W)1.6m

|                        |  |
|------------------------|--|
| Power supply:          | 100-240 V AC, 50/60 Hz   |
| Power consumption:     | 5.00 W   |
| IP classification:     | IP44   |
| Dimensions:            | Width: 160 cm<br>Height: 160 cm                                |
| Resolution (W x H):    | 16 x 16 pixels   |
| Pixel pitch:           | 100 mm   |
| Pixel density:         | 100/m <sup>2</sup>   |
| Pixel configuration:   | tricolor RGB LEDs, type SMD 5050                               |
| Lifetime:              | approx. 100000 hours   |
| Display port:          | DVI/RJ45   |
| Display mode:          | synchronous to video source                                    |
| Drive mode:            | 1/8 scan   |
| Screen resolution:     | max. 1280 x 1024 (LED Studio)<br>max. 1024 x 896 (LED Show T9) |
| Brightness:            | 185 cd/m <sup>2</sup> (nits)                                   |
| Viewing angle:         | 110°   |
| Frame rate:            | 60 Hz  |
| Data refresh rate:     | 600 Hz   |
| Colors:                | 16.7 million (R 256, G 256, B 256)                             |
| Protection grade:      | IP44   |
| Operating temperature: | -10 to 45 °C   |
| Humidity:              | 10 to 90 %   |
| Dimensions (W x H):    | 1600 x 1600 mm   |

|                  |  |
|------------------|--|
| Weight:          | 1.8 kg/m <sup>2</sup>                        |
| Special product: | Not designed for household room illumination |
| Intended use:    | Show effect lighting                         |

#### **EUROLITE LSD AIO Network control system**

|                         |  |
|-------------------------|--|
| Dimensions:             | Width: 16 cm<br>Depth: 4.8 cm<br>Height: 13 cm |
| Weight:                 | 1.84 kg  |
| Power supply:           | 5 V DC via display                             |
| Signal input:           | LAN, CAT5E                                     |
| Signal link:            | LAN, CAT5E                                     |
| Signal output:          | 8 x 15-pin DIN jack                            |
| Serial connection:      | max. 56 units                                  |
| Resolution:             | max. 1024 x 896 pixels                         |
| Dimensions (L x W x H): | 160 x 130 x 48 mm                              |

#### **Scope of delivery:**