



### Features:

#### EUROLITE LED PT-100 DMX Pixel Tube

DMX controlled pixel tube

- Tube with 144 LEDs: 48 x red, 48 x green, 48 x blue
- Subdivided into 16 pixels (illumination units à 9 LEDs) which can be controlled individually by DMX
- Can be cascaded as desired in order to build-up large effect areas
- Operable in stand-alone mode or via DMX interface
- DMX-512-connection via 5-pin XLR socket and plug
- Sound-control via built-in microphone
- Master/Slave for parallel operation of several devices
- Comfortable addressing and setting via control panel with LED display and four operating buttons
- Functions: static colors, automatic color change, seven internal programs with variable speed, dimmer settings via DMX
- Adjustable white balance
- Plastic housing with brackets for hanging as well as standing installation indoors
- IEC terminals for power linking up to 8 units
- Switch-mode power supply for operation between 100 and 240 volts
- 144 LEDs 5 mm 3in1 TCL RGB (homogenous color mix)
- The device is cooled by passive convection cooling
- Control via stand-alone; DMX; sound to light via microphone
- Fixtures available for LED PC-Control 512

#### MADRIX NEO - USB DMX512 interface

MADRIX USB/DMX interface to issue a DMX universe over XLR

### Logistic

- MADRIX NEO is a reliable, easy-to-use, and high-quality DMX512 USB hardware interface including MADRIX software for LED control and MADRIX 3 software license
- The interface can be used for DMX input or DMX output to connect DMX512 devices to your computer
- The MADRIX software license for 512 DMX channels per device is already included and automatically activated when connected to MADRIX
- If you want to use DMX-IN, please use a 5-pin XLR male to 5-pin XLR male gender changer
- The MADRIX 3 Software license for 512 DMX channels per device is already included and automatically activated when connected to MADRIX
- Full USB 2.0 support, Power over USB, Hot Swapping, and Plug & Play
- Multiple devices can be used together without problems for larger projects
- Rugged metal housing with eye-catching design
- 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
- 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
- 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)
- 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
- Incl. Fixture Editor with 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.)
- MADRIX 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
- Installation instructions and software available in English, Spanish, French, and Simplified Chinese
- User manuals also available at [help.madrix.com](http://help.madrix.com)
- More information available at [www.madrix.com](http://www.madrix.com)
- Can receive and process up to 512 DMX channels
- Can transmit up to 512 DMX channels
- Control via DMX via USB
- Built with NEUTRIK connector
- Made in Germany

## Technical specifications:

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Weight: 20.24 kg

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### EUROLITE LED PT-100 DMX Pixel Tube

Power supply: 100-240 V AC, 50/60 Hz

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Power consumption: 17 W

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IP classification: IP20

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Power connection:	Mains input via IEC connector (M) mounting version power supply cord with safety plug (provided)
Power output:	1 x IEC connector (F) mounting version
LED type:	144 x 5 mm 3in1 TCL RGB (homogenous color mix)
DMX channels:	48
DMX input:	1 x 5-pin XLR (M) mounting version
DMX output:	1 x 5-pin XLR (F) mounting version
Cooling:	Passive convection cooling
Control:	Stand-alone; DMX; sound to light via microphone
Fixtures available for:	LED PC-Control 512
Beam angle (1/2 peak):	120°
Housing color:	Black
Dimensions:	Length: 100 cm Depth: 5.2 cm Height: 15.3 cm
Weight:	2.00 kg
Special product:	Not designed for household room illumination
Intended use:	Show effect lighting

#### **MADRIX NEO - USB DMX512 interface**

Power supply:	5V DC 500 mA
Power connection:	Mains input via USB, type B power supply cord for USB A mains connection (provided)
DMX channels:	Input 512 Output 512
DMX output:	1 x 5-pin XLR (F) mounting version
Control:	DMX via USB
USB port:	USB 2.0, type B
Use of brands:	Built with NEUTRIK connector
Dimensions:	Width: 7.8 cm Depth: 5.9 cm Height: 3.5 cm
Weight:	0.24 kg

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

##### **10 x EUROLITE LED PT-100 DMX Pixel Tube**

1 x light effect  
1 x user manual  
1 x power cord

##### **1 x MADRIX NEO - USB DMX512 interface**

1 x device  
1 x user manual  
1 x CD  
1 x USB cable