

The logo features a stylized green and white graphic on the left, consisting of several curved, parallel lines that resemble a fan or a light beam. To the right of this graphic, the word "MADRIX" is written in a large, bold, white, sans-serif font. Below "MADRIX", the words "LIGHTING CONTROL" are written in a smaller, bold, white, sans-serif font.

# MADRIX

## LIGHTING CONTROL



Powerful yet simple lighting control products made in Germany.



# Impressions



**MADRIX®** KEY dvi

Project  
**Hotel Pullman Berlin Schweizerhof**

Location  
**Germany**

Lighting Design  
**Kardorff Ingenieure Lichtplanung**

Installation  
**eFour Media Architecture**

Photos  
**Kardorff Ingenieure Lichtplanung**

Photographer  
**Linus Lintner**



**MADRIX®** KEY professional

Project  
**Tokio Hotel –  
Dream Machine Tour 2017**

Lighting Design  
**Bertil Mark**



**MADRIX®** KEY ultimate

Project  
**PyeongChang 2018 –  
Olympic Winter Games**

Location  
**South Korea**

Company  
**Colordreamer Technology**

## MADRIX® – Lighting Control

LEDs are everywhere. MADRIX® is the powerful yet simple LED lighting control system made in Germany. Amazing projects are brought to life with our high-quality software and hardware.

The MADRIX® Software is the preferred lighting tool of choice for industry professionals, lighting designers, operators, VJs, and enthusiasts all around the world.

From small projects and events to high-profile architectural installations, the largest stages, and the most famous clubs, MADRIX® Software makes the most creative lighting designs possible. Thanks to very intuitive controls and enormous flexibility, you can create stunning lighting effects for your LEDs in no time. The application is a real-time effects generator for 2D pixel mapping and 3D voxel mapping with additional media server capabilities. Using the built-in graphics and rendering engine, fully customizable live visuals are created by you quickly and easily.

Combined with neat hardware products, it is a proven and innovative LED control solution. MADRIX® hardware reliably transfers the lighting data to your LEDs and controllers. Any small or large LED installation benefits from prime build quality and outstanding features, such as the built-in synchronization mode that ensures an optimal image on your LEDs without visual interruptions.

**MADRIX® KEY ultimate** 1x  
**MADRIX® LUNA 16** 7x  
**MADRIX® LUNA 8** 2x

Project  
**Granada Luxury Belek Hotel**

Location  
**Turkey**

Company  
**Hera Led**



*At inoage, we believe in the power of creativity.*

*We are building tools that help creators unleash their ideas. We are a unique team of 13 and we would like to say thank you.*

*Christian, Elisabeth, Heike, Manja, Martin, Matthias, Robert, Sebastian, Sebastian, Stefan, Sven, Thilo, and Thomas*

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## Ultimate Flexibility

From the smallest projects to the biggest ones – get the best out of your LEDs. The MADRIX® Software can produce a complete LED light show from a normal computer or laptop. Still, it can drive tens of thousands of LEDs without problems. This powerful software will not only allow you to control nearly any 2D LED display in every possible way, but real 3D LED applications as well. This makes it the ideal solution for your LED project.



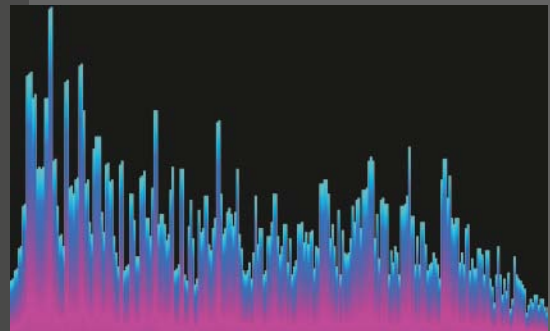
## Ultimate Creativity

Bring your LED design to life with beautiful colors, stunning visuals, and spectacular effects. The MADRIX® Software adapts to your needs. Use it as LED lighting controller, VJ software, 2D pixel mapper, 3D voxel mapper, media server, or media creator. This software is very easy to use with a VJ-like operation, 2 decks and a crossfader, plus 3 real-time previews to show your effects in advance.



## Audio-Reactive Visuals

The MADRIX® Software features a state-of-the-art audio analysis. It can process any live audio signal and create stunning real-time lighting visuals. These live effects will create a light show that runs in sync with your music. And thanks to the integrated effects generator, you can also create many lighting patterns without audio input. And you can always customize everything, such as speed, color, shape, direction, size, movement, position, brightness, and much more.



## Ultimate Control

MADRIX® 5 is the ultimate control software for LED lighting. All-new features such as the TRI effect category, audio playback for videos, the CSV fixture list import, a fresh user interface with two themes that is even easier to use, unprecedented performance and speed thanks to the powerful new 64-bit render engine, and many more allow you to produce amazing results right from the start. Cutting-edge technologies provide you with all the tools you need for modern LED control.





Demo version available:  
Download the MADRIX® Software from [www.madrix.com](http://www.madrix.com)  
Optimal system specifications will often be higher.

## Supported Operating Systems

- Microsoft® Windows® 7
- Microsoft® Windows® 8
- Microsoft® Windows® 8.1
- Microsoft® Windows® 10
- 64-bit only

## Minimum System Requirements

- 2.0 GHz dual-core CPU
- OpenGL 2.1 graphics card (NVIDIA recommended)
- 2 GB RAM
- 1 GB free harddisk space
- 1280 x 768 screen resolution
- Network card
- Sound card
- USB 2.0

## Usage

- Pixel mapper (2D)
- Voxel mapper (3D)
- Real-time generator for effects
- Graphics render engine for visuals
- Media server, media creator, and VJ tool

## Industry Standards For Output

You can directly connect to a wide range of LED fixtures and compatible first-party or third-party LED controllers:

### DMX-Based Output

- Art-Net 1, II, 3, 4 (Unicast & Broadcast)
- DMX512
- Philips Color Kinetics KiNET (V1 / V2)
- Philips Hue
- SPI (via MADRIX® NEBULA)
- Streaming ACN (sACN / E1.31) (Unicast & Multicast)

### DVI-Based Output

- ColourSmart Link
- Colorlight A8
- Colorlight 5A
- Colorlight T9
- DVI (VGA, HDMI, etc.)
- Eurolite T9

## User Interface Languages

- English
- German (Deutsch)
- Spanish (Español)
- French (Français)
- Simplified Chinese (简体中文)

## Industry Standards For Input, Remote Control, And Audio

MADRIX® Software easily integrates with other lighting desk, consoles, controllers, and many other hardware or software tools:

- Art-Net 1, II, 3, 4
- ASIO
- CIP
- DMX512
- GamePort
- MA-Net 1 / MA-Net 2
- MADRIX® I/O
- Media (Images, Pictures, Logos, Videos, Scrolling Text, Live Capturing, Screen Capturing)
- MIDI
- Remote HTTP (Web Server)
- Streaming ACN (sACN / E1.31)
- Time Code (Art-Net / MIDI / SMPTE / System Time)
- WDM

Even more options are available via converters or bridging tools for input as well as output.



# 2D & 3D Features

## 2D Pixel Mapping

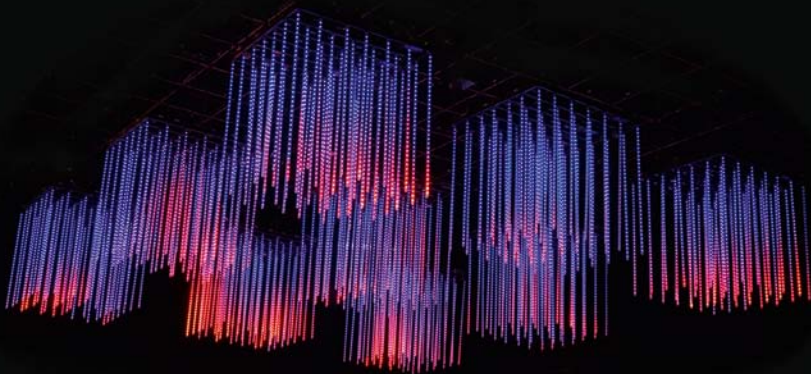
The MADRIX® Software allows you to quickly produce extraordinary live visuals. You can easily bring creative and diverse lighting effects to any LED installation. MADRIX® Software makes it possible to control numerous LED fixtures, also of different kinds, and to position them according to your needs in nearly any form or shape. You can map pixel by pixel and achieve pixel-perfect results, even with the lowest of pixel resolutions.



 LEDSCONTROL

## 3D Voxel Mapping

On top, the MADRIX® Software provides a leading-edge feature set to fully control real 3D LED matrices. In addition to its pixel mapping and media server capabilities, MADRIX® Software supports volume rendering (voxel mapping). This approach is fundamentally different to the 3D projections or the physical layout of 2D surface areas that are widely known nowadays. It makes state-of-the-art installations a reality.



  
NewVision

## Combine 2D & 3D

The MADRIX® Software is highly versatile and will help you to get the most out of modern LED technology. You can combine any 2D project with 3D elements in order to create even more spectacular attractions for your audience, customers, and clients. The MADRIX® Software is a powerful tool that will help you realize the projects you want to build. MADRIX® lighting control solutions certainly take your LED display to the next level.



 TIRSO  
LIGHTING

# MADRIX® KEY Overview



MADRIX® 5 introduces a brand-new license system.  
Different MADRIX® KEYS are available for different needs and LED installation sizes.

## MADRIX® KEY

The MADRIX® Software is protected with a USB dongle. Simply connect it to a free USB port. This also means you can freely switch between different PCs as it is not bound to a specific machine. It only needs to be activated online once.

## MADRIX® 5 License Upgrades

You can easily upgrade your MADRIX® KEY to any higher license at any time in order to increase the available output. MADRIX® 5 License Upgrades can also be processed online. Please contact your dealer for more information.

MADRIX® 5 KEY	start	entry	basic
<b>Upgradable</b>	✓	✓	✓
<b>DMX-Based Output</b>			
▪ DMX Channels	1,024 Channels	4,096 Channels	16,384 Channels
▪ DMX Universes Example	2 Universes	8 Universes	32 Universes
▪ RGB Voxels Example	341 Voxels	1,365 Voxels	5,641 Voxels
<b>DVI-Based Output</b>			
▪ DVI Voxels	4,096 Voxels	16,384 Voxels	262,144 Voxels
▪ Render Resolution Example	64 x 64 Voxels	128 x 128 Voxels	512 x 512 Voxels

MADRIX® 5 KEY	professional	ultimate	maximum
<b>Upgradable</b>	✓	✓	
<b>DMX-Based Output</b>			
▪ DMX Channels	65,536 Channels	262,144 Channels	1,048,576 Channels
▪ DMX Universes Example	128 Universes	512 Universes	2,048 Universes
▪ RGB Voxels Example	21,845 Voxels	87,381 Voxels	349,525 Voxels
<b>DVI-Based Output</b>			
▪ DVI Voxels	1,048,576 Voxels	2,097,152 Voxels	2,097,152 Voxels
▪ Render Resolution Example	1,024 x 1,024 Voxels	2,048 x 1,024 Voxels	2,048 x 1,024 Voxels



## MADRIX Training

### Expand Your Knowledge

MADRIX® Training includes hands-on seminars on site to learn directly from the makers of MADRIX®. Our MADRIX® training courses effectively and quickly teach you how the MADRIX® system works.

See all details:  
Book your seat:

[www.madrix.com](http://www.madrix.com)  
[info@madrix.com](mailto:info@madrix.com)

Choose between three different courses or attend all of them in one time block on three consecutive days. Each course is offered in English or German depending on the date and held at the MADRIX® Headquarters in Dresden, Germany. Information is subject to change without notice. Changes are published online.

1

### MADRIX® Software: Crash Course

Receive an extended overview over the MADRIX® Software in order to be able to create a basic LED show and operate the software comfortably within this scope.

German

- 23.01.2018
- 15.05.2018
- 18.09.2018
- 06.11.2018

English

- 30.01.2018
- 29.05.2018
- 25.09.2018
- 13.11.2018

2

### MADRIX® Software: Patching, Mapping, And Group Control

Learn all the details of working with fixture profiles, complex patches for different areas of application, fixture group control, and advanced mapping of effects.

German

- 24.01.2018
- 16.05.2018
- 19.09.2018
- 07.11.2018

English

- 31.01.2018
- 30.05.2018
- 26.09.2018
- 14.11.2018

3

### MADRIX® Software: Creating Advanced Effects

Create advanced effects with help of the easy-to-use, parametric settings for visuals, layers, and the unique MADRIX® Effects, and much more.

German

- 25.01.2018
- 17.05.2018
- 20.09.2018
- 08.11.2018

English

- 01.02.2018
- 31.05.2018
- 27.09.2018
- 15.11.2018







**MADRIX® USB ONE**  
is one of the smallest **USB**  
interfaces for **DMX output**  
or **DMX input**.

Made in Germany.

The MADRIX® USB ONE allows you to control 512 DMX channels using the MADRIX® Software. Use it either for DMX input or DMX output.

### **DMX-IN/OUT With 5-Pin NEUTRIK XLR Port**

This device allows you to send or receive DMX data using 512 DMX channels. A male to male 3-pin or 5-pin XLR Gender Changer is required for DMX-IN.

### **USB 2.0 Standard**

The USB 2.0 standard is fully supported to allow for a higher maximum speed of 480 MBit/s.

### **Power Over USB**

The interface is powered directly via the USB port and does not need an additional power supply.

### **High Quality**

The USB ONE represents high quality made in Germany and is very reliable.

### **Hot Swapping & Plug and Play**

Devices can be connected to and disconnected from the computer during use and without a reboot.

### **Remote Control**

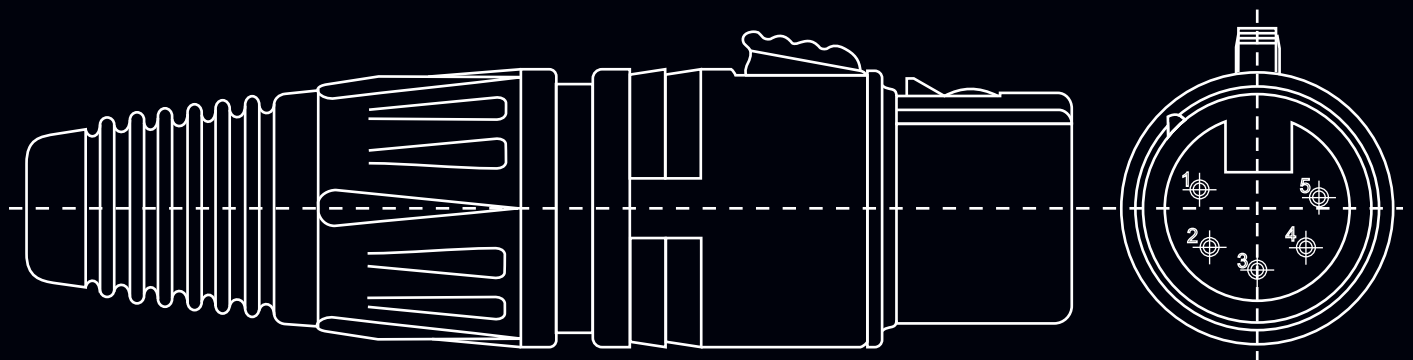
MADRIX® Software can be controlled remotely using the implemented DMX-IN functions.

### **Frame Rate Stability**

Up to 60 devices can be connected to a USB host controller without having any frame rate problems. (60 DMX512 interfaces amount to 30,720 DMX channels.)

### **Active USB**

Please connect every USB ONE to an active USB 2.0 port or use a USB 2.0 hub with a power supply.





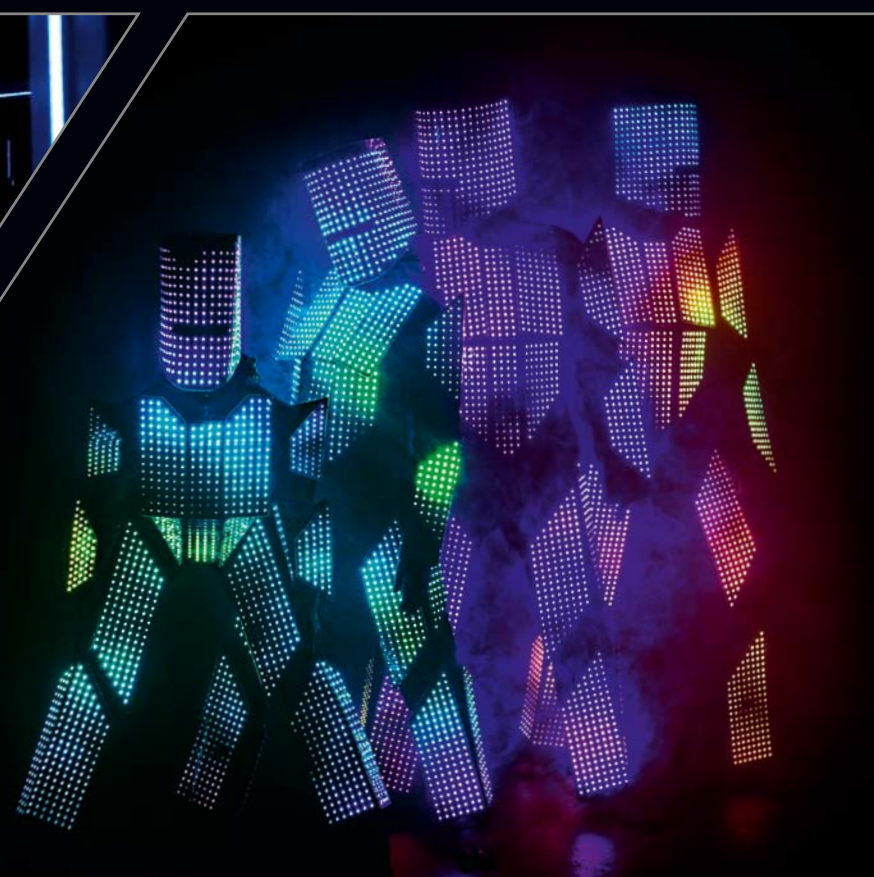
 **MA**  
LIGHTING





# DRIX

IG CONTROL





## **MADRIX® PLEXUS is the next-generation live or stand-alone interface.**

The MADRIX® 3 Software license for 1024 DMX channels is already included.

Made in Germany.

The MADRIX® PLEXUS controls up to 2 universes via DMX512 or Art-Net as a versatile stand-alone interface or live controller. It is the first and only interface to offer stand-alone playback of MADRIX® light shows and effects.

### **Live Mode**

Fully control 1024 DMX channels via MADRIX® Software and use 2x DMX-OUT, 2x DMX-IN, 1x DMX-OUT and 1x DMX-IN, or Art-Net. The USB or the Ethernet connection can be used for live mode.

### **Master-Slave Synchronization & Scalability**

Simply connect multiple devices at the same time. A master interface can be set up to synchronize the LED installation across all DMX universes.

### **Extension Port**

A versatile 15-pin serial port offers enhanced connectivity towards external analog or digital devices and therefore maximum flexibility.

### **Quality Design**

The precision aluminum enclosure, NEUTRIK plugs, and other excellent components ensure High Availability and reliability.

### **USB 2.0 Standard**

Support of the USB 2.0 standard provides professional features such as Power over USB, Hot Swapping, and Plug and Play.

### **Connectivity**

- 2x DMX-IN/OUT
- 1x RJ45 Ethernet port
- 1x Extension port
- 1x SD card slot
- 1x USB port

### **Stand-Alone Mode**

The built-in slot for SD or SDHC cards allows to run sophisticated light shows without the need for a computer. A MADRIX® PC is only required to preprogram the shows.

### **MADRIX® Software Integration**

The PLEXUS hardware and the MADRIX® Software form a unique bundle. This powerful combination works directly out of the box.

### **Event Scheduler**

Easily run automatic scenes off the SD card with the help of the internal clock and time-controlled shows.

### **Innovative Handling**

The large backlit 3" LCD graphics display and 5 accessible control buttons make it really easy to manage and set up the device.

### **Kensington Security Slot**

Secure each MADRIX® PLEXUS using the standard of portable security.

### **Package Contents**

- MADRIX® PLEXUS
- MADRIX® 3 Software
- 4 GB SD card
- USB power supply, USB cable, and world power plug adapters kit



**MADRIX® LUNA**  
is an easy-to-use and reliable  
Art-Net node.

**3 versions are available:**  
**LUNA 4**  
**LUNA 8**  
**LUNA 16**

Made in Germany.

The MADRIX® LUNA reliably distributes DMX512 data over long or short distances using Ethernet network or USB. Its sync mode makes sure that lighting effects look their best on the LEDs.

### Art-Net Node

This device converts Art-Net data from Ethernet network to DMX512. Any small or large project greatly benefits from dependable data distribution and efficient operation.

### MADRIX® DMX512 USB Interface

Alternatively, you can choose to connect the unit as a plug-and-play solution to your computer and the MADRIX® Software using any USB 2.0 port.

### Easy Configuration

MADRIX® LUNA offers powerful features, especially in combination with MADRIX® Software. Take full advantage of pixel mapping and voxel mapping. The installation of the device is still quick and easy.

### Quality Design

Devices are built 19" x 1U or 19" x 2U. They feature a fanless, noiseless, low-energy design, a durable metal case, and NEUTRIK plugs. 2 premounted brackets make rack mounting possible. 5 indicators quickly show the status of a device.

### Connectivity

- 4x/8x/16x DMX-OUT
- 1x DMX-IN
- 1x RJ45 Ethernet port
- 1x USB port
- 1x Power socket

### 4/8/16 DMX-OUT + 1 DMX-IN

4, 8, or 16 XLR ports (5-pin, female) distribute the equal number of DMX universes per unit. 1 XLR port (5-pin, male) can be used for DMX input. Simply use several units at the same time for larger projects.

### Sync Mode

MADRIX® Software and hardware allow you to synchronize Art-Net data for all output ports and even across multiple devices to get an optimal image on the LEDs without visual interruptions.

### 3rd-Party Controllers

MADRIX® LUNA complies with the official Art-Net specifications and can be used as a regular Art-Net unit with your other consoles, controllers, or software solutions.

### Invaluable Features

The device is ready within seconds after startup. HTP Merging is automatically available for two Art-Net sources. Its firmware is upgradable for future enhancements. Access and change specific device settings using the built-in web configuration page.

### Package Contents

- MADRIX® LUNA
- Power cord
- USB cable
- 2x Rack-mount brackets



Over **30** Supported SPI Protocols

**MADRIX® NEBULA** is a flexible LED pixel tape driver to directly control a wide range of digital LEDs.

Made in Germany.

The MADRIX® NEBULA directly connects to your LED pixels. This advanced SPI decoder receives control data over USB or Art-Net over Ethernet network and is built to provide excellent image quality.

### Direct Connection

Directly connect to a wide range of supported LEDs via two 4-pin screw terminals. A signal frequency of up to 24 MHz is available. Supply power over USB or 5 V to 24 V over a 2-pin screw terminal.

### SPI Converter

Art-Net is directly converted to SPI without the need for an additional interface. Reliably distribute data from any compatible software or hardware controller. Use USB or Art-Net for all the great features of the MADRIX® Software.

### Designed For DIN Rails Or Walls

Its non-conductive enclosure and standardized design for 35 mm top-hat rails make mounting quick, easy, and safe. 2 extra brackets are provided for optional wall mounting. 6 indicators quickly show the device status with the option to turn them off.

### Supported LEDs

As of February 2018. Additional LED types will be supported with future firmware updates.

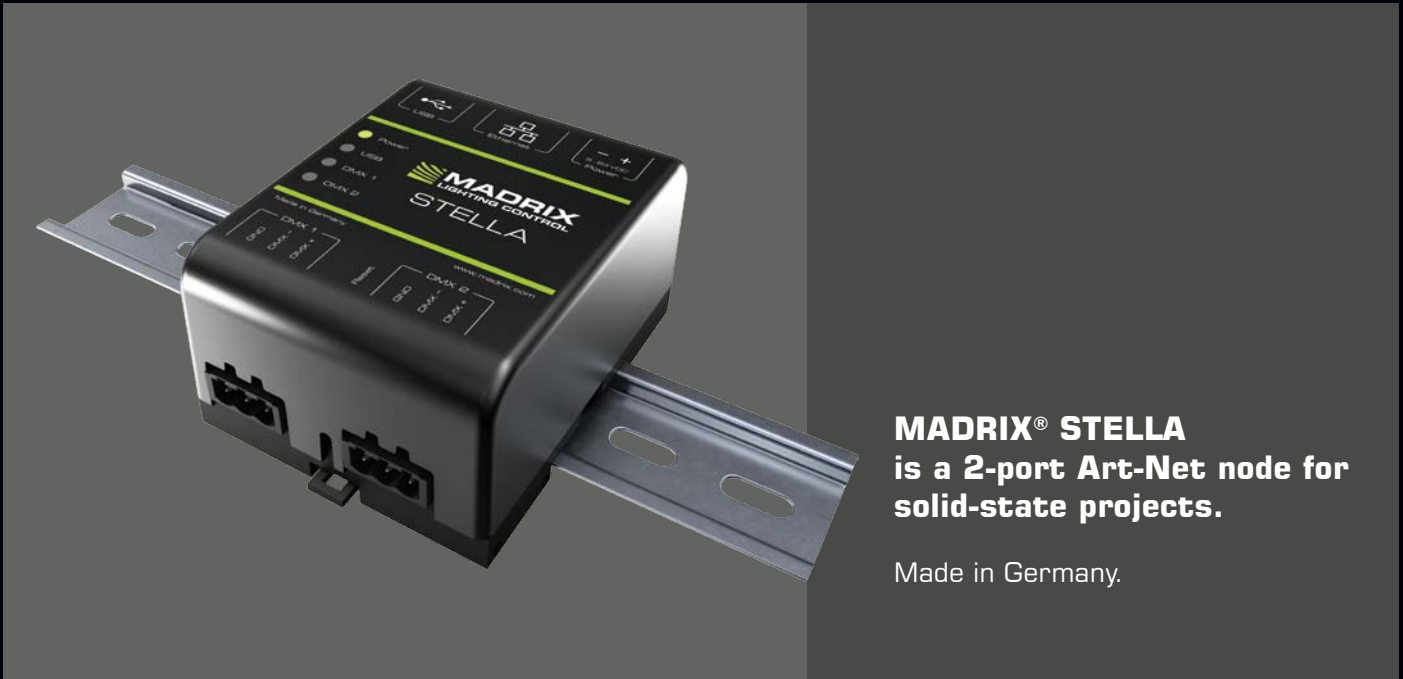
APA101 / APA102 / APA104 / APA106 / GW6201 / GW6205 / LPD1882S / LPD6803 / LPD8806 / MBI6120 / P9883 / SJ1221 / SK6812 / SK6822 / SM16703 / SM16716 / TLS3001 / TLS3008 / TM1804 / TM1809 / TM1812 / TM1814 / TM1829 / UCS1903 / UCS512B3 / UCS9812S / WS2801 / WS2803 / WS2811 / WS2811S / WS2812 / WS2812B / WS2813 / WS2815 / WS2818 / WS2822S / WS2822S Addressing

### Connectivity

- 2x OUT (via pluggable screw terminals)
- 1x RJ45 Ethernet port
- 1x USB port
- 1x Power (via pluggable screw terminal)

### Package Contents

- MADRIX® NEBULA
- Set of screw terminals (2x 4-pin and 1x 2-pin)
- USB cable
- 2x Wall-mount brackets



**MADRIX® STELLA**  
is a 2-port Art-Net node for  
solid-state projects.

Made in Germany.

The MADRIX® STELLA is a dedicated control interface for Art-Net and DMX512 that is designed for high quality and practicability in permanent LED installations.

### Art-Net Node

Art-Net data is directly converted to DMX512. Optimize for short distances to your LEDs and decentralize cabling to cover any distance to the device using Ethernet network. Supply power over USB or 5 V to 24 V over a 2-pin screw terminal.

### Easy Configuration

MADRIX® STELLA offers powerful features, especially in combination with MADRIX®. Take full advantage of pixel mapping and voxel mapping. Managing the device is still quick and easy.

### Designed For DIN Rails Or Walls

Its non-conductive enclosure and standardized design for 35 mm top-hat rails make mounting quick, easy, and safe. 2 extra brackets are provided for optional wall mounting. 6 indicators quickly show the device status with the option to turn them off.

### MADRIX® DMX512 USB Interface

Alternatively, you can choose to connect the unit as a plug-and-play solution to your computer and the MADRIX® Software using any USB 2.0 port.

### Connectivity

- 2x DMX-IN/OUT (via pluggable screw terminals)
- 1x RJ45 Ethernet port
- 1x USB port
- 1x Power (via pluggable screw terminal)

### 2 DMX-IN/OUT

Directly connect DMX512 to the two 3-pin screw terminals to distribute 2 DMX universes per unit as input and/or output, eliminating the need for XLR connectors as a result. Simply use several units at the same time for larger projects.

### Sync Mode

MADRIX® Software and hardware allow you to fully synchronize Art-Net data for all output ports and across multiple devices to get an optimal image on the LEDs without visual interruptions.

### 3rd-Party Controllers

MADRIX® STELLA complies with the official Art-Net specifications and can be used as a regular Art-Net unit with your other consoles, controllers, or software solutions.

### Invaluable Features

The device is ready within seconds after startup. HTP Merging is automatically available for two Art-Net sources. Its firmware is upgradable. Access and change specific device settings using the built-in web configuration page.

### Package Contents

- MADRIX® STELLA
- Set of screw terminals (2x 3-pin and 1x 2-pin)
- USB power supply, USB cable, world adapters kit
- 2x Wall-mount brackets



**MADRIX® ORION**  
**adds a whole new level of**  
**interaction and control**  
**to your project.**

Made in Germany.

The MADRIX® ORION is specifically designed as a general-purpose input device for analog input and Ethernet-based output for remote control and interactivity.

### Powerful A/D Converter

Easily convert any analog input signal ranging from 0 V – 12 V into an 8-bit or 16-bit digital DMX output signal. Sample incoming signals instantly and map all inputs individually to up to 8 or 16 DMX channels per device.

### 8 Versatile Inputs

Directly connect to a wide range of compatible sensors, potentiometers, switches, and triggers. Easily create interactive projects using sensors for light, temperature, PIR, and many more.

### Direct Connection

2 main 6-pin ports are available with 4 individual pins each as well as GND and V+. Flexibly supply 5 V – 24 V power over the 2-pin screw terminal.

### Designed For DIN Rails Or Walls

Its non-conductive enclosure and standardized design for 35 mm top-hat rails make mounting quick, easy, and safe. 2 extra brackets are provided for optional wall mounting. 8 indicators quickly show the device status with the option to turn them off.

### Connectivity

- 8x IN (via pluggable screw terminals)
- 2x RJ45 Ethernet ports
- 1x USB port
- 1x Power (via pluggable screw terminal)

### Art-Net / Streaming ACN / USB

Send the output signal as Art-Net or Streaming ACN (E1.31) over long or short distances to any compatible software or hardware controller. In addition, simply connect to the MADRIX® Software over USB.

### Versatile Output

Different input types allow data to be processed and parameterized differently for the output. Each input can be separately set as Analog-IN, Digital-IN, Counter, and other useful functions.

### Daisy-Chain Support

2 Ethernet ports allow for separate network connections as well as linearly daisy-chaining several devices together for better cable management.

### Invaluable Features

The device is ready within seconds after start-up. Its firmware is upgradable for future enhancements. Access and change specific device settings using the built-in web configuration page.

### Package Contents

- MADRIX® ORION
- Set of screw terminals (2x 6-pin and 1x 2-pin)
- Power supply and world adapters kit
- USB cable
- 2x Wall-mount brackets





MADRIX® I/O products are supplementary input and output devices. External equipment, such as sensors, bring additional automation processes and interaction to any LED project using the MADRIX® Software.

## MADRIX® USB contact closure

This digital input device registers if its circuit is either open or closed. In most cases, it is used to build a switch or trigger. Incoming values are directly translated into DMX data in the MADRIX® Software. The small unit can simply be connected to any USB 2.0 port.

Example of use: Strobe or Blackout

Made in Germany.



## MADRIX® USB temperature

This small and durable sensor measures the temperature. Incoming temperature values are directly translated into DMX data in the MADRIX® Software as well as degree Celsius or degree Fahrenheit. The small unit can simply be connected to any USB 2.0 port.

Example of use: SCE Ticker / Scrolling Text

Made in Germany.



## MADRIX® USB light sensor

This sensor measures the ambient light level. Incoming values are directly translated into DMX data in the MADRIX® Software as well as percent. The small unit can simply be connected to any USB 2.0 port.

Example of use: Master

Made in Germany.



## MADRIX® USB SMPTE

This input device allows you to effortlessly use SMPTE time code for time synchronization across multiple devices. Data is received via the 3-pin, female XLR connector. The device can simply be connected to any USB 2.0 port.

Example of use: Cue List

Made in Germany.





# Software Overview

#	Product	Order Number
<b>MADRIX® 5 Software</b>		
1	■ MADRIX® 5 KEY start 2x 512 DMX Channels + 64 x 64 DVI Voxels	IA-SW-005001
2	■ MADRIX® 5 KEY entry 8x 512 DMX Channels + 128 x 128 DVI Voxels	IA-SW-005002
3	■ MADRIX® 5 KEY basic 32x 512 DMX Channels + 512 x 512 DVI Voxels	IA-SW-005003
4	■ MADRIX® 5 KEY professional 128x 512 DMX Channels + 1,024 x 1,024 DVI Voxels	IA-SW-005004
5	■ MADRIX® 5 KEY ultimate 512x 512 DMX Channels + 2,048 x 1,024 DVI Voxels	IA-SW-005005
6	■ MADRIX® 5 KEY maximum 2,048x 512 DMX Channels + 2,048 x 1,024 DVI Voxels	IA-SW-005006
<b>MADRIX® KEY</b>		
7	■ MADRIX® KEY	IA-SW-005007
<b>MADRIX® 5 Licenses</b>		
8	■ MADRIX® 5 License start	IA-SW-005008
9	■ MADRIX® 5 License entry	IA-SW-005009
10	■ MADRIX® 5 License basic	IA-SW-005010
11	■ MADRIX® 5 License professional	IA-SW-005011
12	■ MADRIX® 5 License ultimate	IA-SW-005012
13	■ MADRIX® 5 License maximum	IA-SW-005013
<b>MADRIX® 5 License Upgrades</b>		
14	■ MADRIX® 5 License Upgrade start > entry	IA-SW-005014
15	■ MADRIX® 5 License Upgrade start > basic	IA-SW-005015
16	■ MADRIX® 5 License Upgrade start > professional	IA-SW-005016
17	■ MADRIX® 5 License Upgrade start > ultimate	IA-SW-005017
18	■ MADRIX® 5 License Upgrade start > maximum	IA-SW-005018
19	■ MADRIX® 5 License Upgrade entry > basic	IA-SW-005019
20	■ MADRIX® 5 License Upgrade entry > professional	IA-SW-005020
21	■ MADRIX® 5 License Upgrade entry > ultimate	IA-SW-005021
22	■ MADRIX® 5 License Upgrade entry > maximum	IA-SW-005022
23	■ MADRIX® 5 License Upgrade basic > professional	IA-SW-005023
24	■ MADRIX® 5 License Upgrade basic > ultimate	IA-SW-005024
25	■ MADRIX® 5 License Upgrade basic > maximum	IA-SW-005025
26	■ MADRIX® 5 License Upgrade professional > ultimate	IA-SW-005026
27	■ MADRIX® 5 License Upgrade professional > maximum	IA-SW-005027
28	■ MADRIX® 5 License Upgrade ultimate > maximum	IA-SW-005028
<b>MADRIX® 5 Software Updates</b>		
29	■ MADRIX® 5 Software Update start	IA-SW-005029
30	■ MADRIX® 5 Software Update entry	IA-SW-005030
31	■ MADRIX® 5 Software Update basic	IA-SW-005031
32	■ MADRIX® 5 Software Update professional	IA-SW-005032
33	■ MADRIX® 5 Software Update ultimate	IA-SW-005033



#	Product	Order Number
<b>USB Only</b>		
1	■ MADRIX® USB ONE	IA-HW-001001
<b>Stand-Alone</b>		
2	■ MADRIX® PLEXUS	IA-HW-001005
<b>Art-Net Nodes</b>		
3	■ MADRIX® LUNA 4	IA-HW-001014
4	■ MADRIX® LUNA 8	IA-HW-001008
5	■ MADRIX® LUNA 16	IA-HW-001015
6	■ MADRIX® NEBULA	IA-HW-001018
7	■ MADRIX® STELLA	IA-HW-001019
<b>MADRIX® I/O &amp; ORION</b>		
8	■ MADRIX® ORION	IA-HW-001021
9	■ MADRIX® USB contact closure	IA-HW-001011
10	■ MADRIX® USB temperature	IA-HW-001012
11	■ MADRIX® USB light sensor	IA-HW-001013
12	■ MADRIX® USB SMPTE	IA-HW-001016
<b>Accessories</b>		
13	■ XLR Gender Changer (5-Pin Male To 5-Pin Male)	IA-HW-001002
14	■ XLR Adapter Silver (5-Pin Male To 3-Pin Female)	IA-HW-001006
15	■ XLR Adapter Black (Premium Quality) (5-Pin Male To 3-Pin Female)	IA-HW-001020
16	■ MADRIX® PLEXUS Wall Mount Set (4 Brackets, 4 Torx T10 Screws)	IA-HW-001007

## Important Information

- For prices and more information, please contact your local dealer.
- MADRIX® 5 will be available on May 07, 2018.
- Online activation initially required one time for MADRIX® 5 Software, MADRIX® 5 Licenses, MADRIX® 5 License Upgrades, and MADRIX® 5 Software Updates.
- MADRIX® 5 Software includes 1x MADRIX® KEY and 1x corresponding MADRIX® 5 License.
- A MADRIX® KEY requires a proper MADRIX® 5 License to activate the output for the MADRIX® Software.
- MADRIX® 5 Licenses, MADRIX® 5 License Upgrades, and MADRIX® 5 Software Updates require a valid, metallic MADRIX® KEY.
- Only one MADRIX® 5 License is possible per MADRIX® KEY.
- MADRIX® 5 License Upgrades to higher licenses are possible several times per MADRIX® KEY.
- The MADRIX® 5 Software Update is free of charge if you have bought MADRIX® Software on April 01, 2017 or any later date.



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