

 **MADRIX**
LIGHTING CONTROL



POWERFUL PRODUCTS
FOR CREATIVE LED LIGHTING

Extraordinary lighting. Reliable control.

A creative vision ultimately requires the right solution.

LED lighting can be dramatically dynamic, calmly smooth, or completely static.

You decide.

The MADRIX® range of DIN-rail hardware devices delivers uncompromising performance and reliability for any solid-state project.

They are built for permanent installation, engineered for professional lighting control. Made in Germany.

Communicating over proven industry standards, MADRIX® controllers do not only work extremely well. They also work extremely well together.

One size simply does not fit all. That is why we developed units that each have their purpose. Combined together, they function even better.

It is a system of modules:
input, processing, and output.
A system that scales to any project size.
A system that just works.



MADRIX ORION

OPEN RIDE | OOS AG, PIPO SCHREIBER | HBJ ELEKTRONIK 

A whole new level of interactivity.

Have you ever thought about luring shoppers into the store by letting them interact with the lighting?

As a general-purpose input device, MADRIX® ORION fits right in.

Transform your next project by introducing interactive elements. How about a convenient button? How about a motion sensor?

Connect switches, potentiometers, and triggers. Include sensors for light, temperature, passive infrared, and more. Integrate building automation and home automation.

8 versatile inputs receive analog signals from 0 V – 12 V. Converted into 8-bit or 16-bit digital DMX, MADRIX® ORION outputs Art-Net or Streaming ACN over Ethernet network.



**Dynamic lighting
at the touch of a button.**



Large-scale pixel mapping requires bulky computers needing regular maintenance, doesn't it?

You'd be surprised.

AURA is small in size, but mighty in features. It is the MADRIX® stand-alone unit.

Configurations with 2, 8, or 32 universes bring captivating installations to life. As the central hub, you can count on independent lighting control.

The built-in website makes it easy to get started. First, record any Art-Net or Streaming ACN network stream live. MADRIX® AURA then plays back sophisticated light shows, effects, and visuals from SD card. Run a scheduled playlist, or trigger scenes externally with choices like MADRIX® ORION.

Simply press record. Simply press play.

MADRIX AURA



MADRIX STELLA



Powerful DMX control and advanced support for RDM.



It's better to be safe than sorry.

MADRIX® STELLA is all about rock-solid performance.

It makes sure that your carefully selected DMX fixtures reliably light up with vivid colors and smooth animations. It syncs across ports and different devices to make sure the lighting always looks amazing.

Controlling 2 DMX universes, you can choose output or input for each port, which directly connect to DMX512.

But that's not all. MADRIX® STELLA supports Remote Device Management. It is no longer only about sending out control data. Devices now respond. This enables unprecedented possibilities for remote configuration and monitoring.

While previously unheard of, lighting control with Art-Net and supervision with RDM are even possible at the same time, continuously during live operation.

MADRIX NEBULA



PULSE | THIS IS LOOP LTD | PHOTO: ALAN HAYES

Incredible versatility and stunning results.

Have you heard about the creative freedom that LED pixel tape promises?

MADRIX® NEBULA delivers on that promise. This output controller directly connects to a wide range of digital LEDs.

It supports over 40 ICs, each usually offering several frequencies. With regular additions to this list, you are free to choose the best available solution for any current, future, or maintenance work.

The many options to wire power, data, and integrate the device allow you to face the most challenging installs. While our world-class support team is here for you, highly detailed illustrations in the manual are there with you.

And despite the serial nature of the signal, MADRIX® NEBULA makes sure that not a single one of the 1,360 individual RGB pixels lags behind.

MADRIX® NEBULA empowers new designs for you to create exciting experiences. Welcome to the fascinating world of LED.



MADRIX SOFTWARE



Leading The Way Since 2005

MADRIX® 5 is the ultimate tool for pixel mapping in 2D or 3D. Used as the source and content provider for MADRIX® AURA, or live on its own, this award-winning software provides remarkable features to bring your ideas to life.

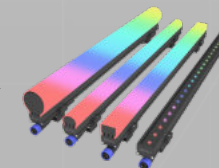
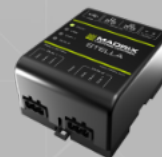
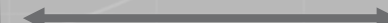
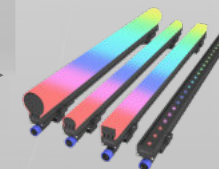
Bring out the best in any LED fixture. Creating stunning light effects has never been easier. From simple colors to sophisticated visuals – everything is possible.

Shouldn't Reliability Monitoring Be Standard?

MADRIX® RADAR packs RDM into an easy-to-use software. Benefit from fully automatic device supervision and automatic e-mail notifications.

A modern lighting project is an enormous undertaking. Now, you can protect your investment like never before. MADRIX® STELLA and MADRIX® RADAR are the turnkey solution for DMX control and 24/7 reliability monitoring of lighting fixtures and controllers.

Provide unparalleled support for each installation. Offer all-new benefits to your clients.







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