

LED LINEAR LIGHTING AND DMX CONTROL

PRODUCT CATALOG

BEST SELLERS

 **SIRS-E®**

BRILLIANCE BORN IN THE USA

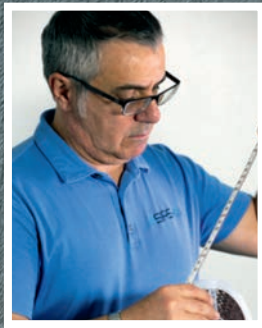


THE COMPANY

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/// SIRS-E®

Leading the Way in American-Made Linear LED Excellence since 2005.
Innovation • Quality • Reliability • American Craftsmanship.



DIEGO IORIO, CEO AND FOUNDER

We have pioneered **LED Strip Lighting** and **DMX Control Systems** solutions for two decades, earning the trust of OEMs and installation professionals as their reliable partner. Committed to American-made excellence, we ensure unmatched performance and reliability for diverse lighting needs, from large-scale manufacturing to intricate installations. Experience the difference with SIRS-E®: where quality meets innovation for every project.

We take pride in designing LED strips right here in **Houston, Texas, USA**, and manufacturing a majority of them locally. Our commitment to American production supports the local industry and ensures high-quality products.
God Bless America!



ABOUT SIRS-E®

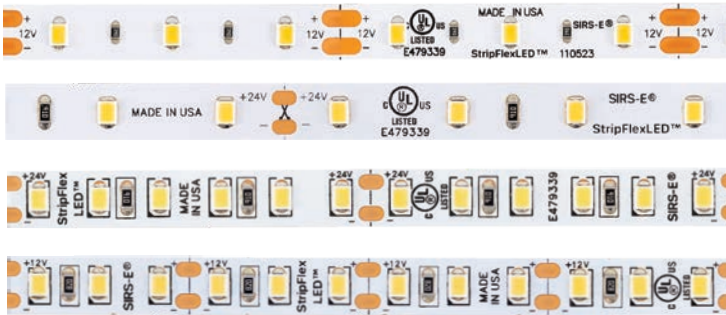


LED STRIPS

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SIRS-E® BRAND

StripFlexLED™ CV Series



The SIRS-E® LED Strip Tape Light, equipped with 60 high-intensity white LEDs/m or 120 LEDs/m, offers uniformly bright illumination, ideal for various general-purpose lighting installations. These flexible LED strips present a convenient lighting option, adaptable to any room or surface, and feature adjustable brightness for tailored accent lighting.



PRODUCT PAGE



PRODUCT VIDEO

TECHNICAL INFORMATION

Input Voltage	12V or 24V DC ²
LED Density	60 or 120 LEDs/m
Segment Width	0.32 in (8mm)
Color	White - Various CCTs



AcuVivid-Fit™ 5mm White LED Strip



It is Made in the USA, only 5mm (0.2 inches) width and fixed 300 LED per meter density and variable power setting. Can easily be inserted into any extrusions. The new SIRS-E® AcuVivid-Fit™ is the first LED tape designed and manufactured in America from the ground up to serve our daily applications easier and better. The high-density 300 LED per meter strip produces a 'dot-free' glow that can diffuse perfectly close to any lens.



PRODUCT PAGE



PRODUCT VIDEO

TECHNICAL INFORMATION

Input Voltage	24V DC
LED Density	300 LEDs/m
Segment Width	0.20 in (5mm)
Color	CCT: White - Multiple CCT Available; Amber, Blue, Green, Red





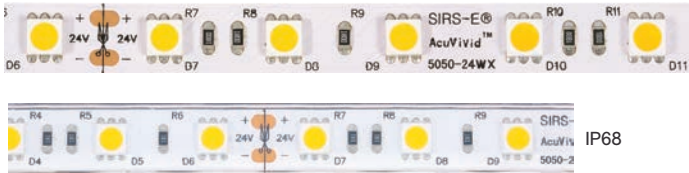
LED STRIPS

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SIRS-E® BRAND

High Quality AcuVivid™ CV White LED Strip Series

IP40 or IP68



The SIRS-E® AcuVivid™ CV White LED strip series consists of high quality constant voltage variants with color temperatures, but not limited to, 2700K, 3000K, 3500K, 4000K and 5500K. At a color rendering rating of 95+ CRI, AcuVivid™ provides optimal color consistency and an increased luminous flux with greater efficacy while complying with all safety requirements as defined by UL standards. This flexible LED strip is engineered to operate with optimal luminous efficacy and consists of 10mm wide, 4 oz. density copper PCB, fitted with 3M VHB adhesive tape for secure installation.



PRODUCT PAGE

TECHNICAL INFORMATION

Input Voltage	12V or 24V DC ²
LED Density	60 LEDs/m
Segment Width	0.39 in (10mm) IP40 0.50 in (12.7mm) IP68
Color	White - Various CCTs



High Quality RGB LED Strip AcuVibrant™ CV Series

IP40 or IP68



SIRS-E® high quality RGB LED strip AcuVibrant™ CV Series utilizes three LED diodes (red, green, blue) which are mixed via a control method of your choice to produce millions of color rendering options. This flexible LED strip is available in 12V and 24V models, cuttable, and mountable utilizing 3M VHB adhesive.



PRODUCT PAGE

TECHNICAL INFORMATION

Input Voltage	12V or 24V DC ²
LED Density	60 LEDs/m
Segment Width	0.39 in (10mm) IP40 0.50 in (12.7mm) IP68
Color	RGB





LED STRIPS

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SIRS-E® BRAND

High Quality RGBW LED Strip AcuHue™ CV Series

IP40 or IP68



The LED strip AcuHue™ CV Series by SIRS-E® is a constant voltage flexible LED strip equipped with a high quality 5050 4 in 1 RGBW LED chip with variations of 2700K, 5500K, and amber. With optimal luminosity and superior efficacy, the AcuHue™ LED strip offers limitless possibilities in a wide variety of applications and complies with all safety requirements as defined by UL standards and specifications. It consists of a 12mm wide, 4 oz. density copper PCB fitted with 3M VHB permanent bonding adhesive tape for secure installation. This LED strip combined with complementary control and power components is ideal for changing the look and feel of any space and/or environment.



PRODUCT PAGE

TECHNICAL INFORMATION

Input Voltage	12V or 24V DC ²
LED Density	72 LEDs/m
Segment Width	0.47 in (12mm) IP40 0.56 in (14mm) IP68
Color	RGBW



High Quality RGBW LED Strip AcuHue™ CC Series

IP40 or IP68



IP40



IP68

The SIRS-E® AcuHue™ CC RGBW LED strip series, utilizes constant current control to provide for ideal color consistency with no brightness loss or voltage drop through the use of high quality integrated circuits embedded directly on the flexible strip. AcuHue™ CC has the ability to produce billions of color variations and easily mountable utilizing 3M VHB aero-grade adhesive tape for limitless applications while complying with all safety requirements as defined by UL standards.



PRODUCT PAGE

TECHNICAL INFORMATION

Input Voltage	24V DC
LED Density	72 LEDs/m
Segment Width	0.56 in (14mm) IP40 0.68 in (17.33mm) IP68
Color	RGBW





LED STRIPS

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SIRS-E® BRAND

DMX UL LED Strips

IP40 or IP68



The SIRS-E® DMX Digital LED Strip Series utilizes a direct DMX512 signal to control a pixel-by-pixel programmable flexible LED tape light via the DMX software of your choice. The light intensity of the different primary colors of each diode can be adjusted to produce millions of colors. With the ability to control every individual pixel and channel, the color mixing of effects makes possibilities endless. No additional decoders or signal filters are required.



PRODUCT PAGE



PRODUCT VIDEO

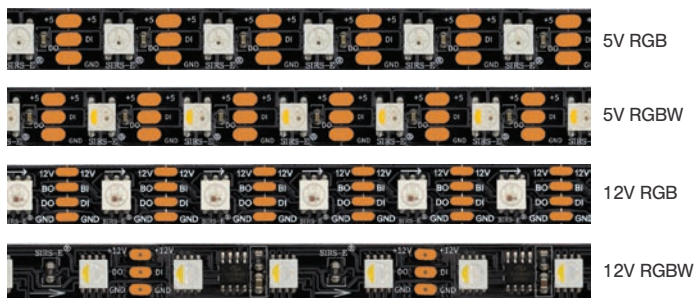
TECHNICAL INFORMATION

Input Voltage	5V DC (RGB, RGBW), 12V DC (White)
LED Density	34 LEDs/m (RGB), 32 LEDs/m (RGBW), 60 LEDs/m (White)
Segment Width	0.56 in (14.3mm) for RGB & RGBW, 0.63 in (16mm) for White
Color	RGB & RGBW



SPI UL LED Strips

IP40 or IP68



The SIRS-E® SPI UL LED Strip Series utilizes integrated IC Technology per LED to communicate and reproduce millions of colors. Create captivating effects that are limited only by the imagination of the user. Easily mountable utilizing 3M VHB Aero-grade; engineered to dissipate heat.



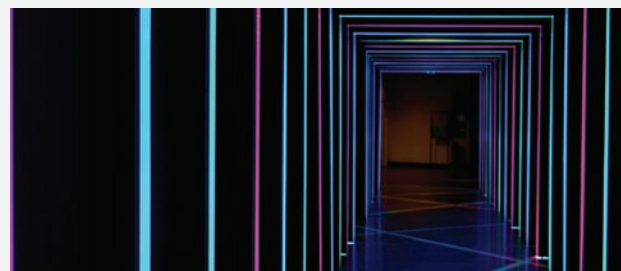
PRODUCT PAGE



PRODUCT VIDEO

TECHNICAL INFORMATION

Input Voltage	5V or 12V DC
LED Density	60 LEDs/m
Segment Width	0.39 in (10mm)
Color	RGB & RGBW





LED STRIPS

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SIRS-E® BRAND

DMX Neon 24V RGB LED Strip



The SIRS-E® DMX NEON 24V RGB LED Strip features full color and high efficacy. It is designed to provide multicolor lighting for reception halls, corridors and other venues.



PRODUCT PAGE

TECHNICAL INFORMATION

Input Voltage	24V DC
LED Density	60 LEDs/m
Segment Width	3.93 in (100 mm)
Color	RGB



StripFlexLED™ White LED Strip Kit



This comprehensive LED strip light kit offers five color options: Warm White, Soft White, Bright White, Daylight, and Cool White. Designed for easy installation, the LED strips feature an adhesive backing. The DIY kit includes LED strip light, a compatible LED power supply, and the StripLock™ LED connectors.



PRODUCT PAGE



PRODUCT VIDEO

TECHNICAL INFORMATION

Input Voltage	12V or 24V DC
LED Density	60 LEDs/m or 120 LEDs/m
Segment Width	0.32 in (8mm)
Color	White - Various CCTs





ALUMINUM AND FLEXIBLE LED EXTRUSIONS

LED extrusions, also known as LED profiles or channels, are designed to house LED strip lights. They provide a number of benefits and functionalities, enhancing both the performance and aesthetics of LED lighting installations.

Uses of LED Extrusions: protection, heat dissipation, light diffusion, aesthetic enhancement, mounting solutions, customization, and versatility.

Benefits: enhanced durability, improved light quality, better heat management, aesthetic appeal, and flexibility in design.

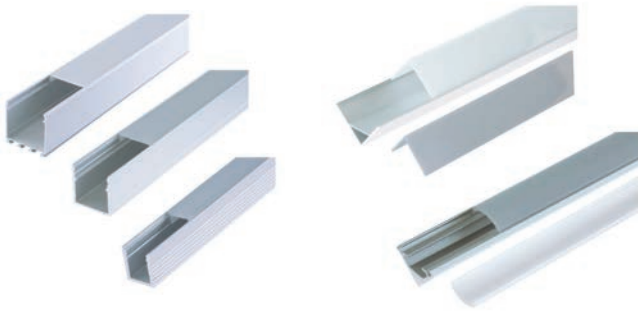


LED EXTRUSIONS

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SIRS-E® BRAND

LED Aluminum Extrusions



SIRS-E® Mount Aluminum Extrusions for smooth, sleek mounting for the SIRS-E® LED Strip lines and other flexible linear lighting. Select an Extrusion that fits your LED strip, matches your space requirements and aesthetic preference.



PRODUCT PAGE



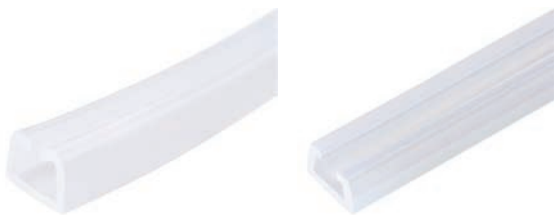
PRODUCT VIDEO

TECHNICAL INFORMATION

Material	Aviation 6063-T5 Aluminum
Color	Silver Adodized
Default Diffuser	Opal
Optional Diffuser	Clear



LED Flexible Extrusions



The Outdoor “CC” Mounting Channel offers a permanent solution for attaching SIRS-E® waterproof rated AcuHue™ CC series of LED tape lighting to surfaces that are less than ideal for adhesive use. Aside from the included 3M VHB adhesive on our LED strips, this durable and flexible silicon channel is used in situations where regular adhesive can deteriorate over time. Resistant to UV, salt, and general weather conditions. This product offers a safe and reliable alternative for LED strip mounting by mechanical means.



PRODUCT PAGE



PRODUCT VIDEO

TECHNICAL INFORMATION

Hardness	80 (DIN 53505)
Appearance	Transparent
Density at 20 °C	Approx. 1,20 g/cm³
Tear Strength	26 N/mm





LED DECODERS, DRIVERS, AND POWER SUPPLIES

LED Decoder: An LED decoder translates control signals from a controller (such as a DMX or DALI controller) into a form that LED lights can understand and respond to. Decoders are essential for integrating LEDs with advanced lighting control systems.

LED Driver: Regulates the current to LEDs, ensuring they receive the correct and constant current. LEDs typically require a specific current to function correctly, and the driver maintains this constant current despite variations in voltage.

LED Power Supply: Converts AC (alternating current) from the mains supply to DC (direct current) suitable for LED lighting systems. It provides a stable voltage output.



LED POWER SUPPLIES/ DECODERS / DRIVERS

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SIRS-E® BRAND

RGB / RGBW LED DMX Decoder 3 or 4 Channel



The DMX-CON3-C2 or DMX-CON4-C2 decoder has a frequency of 5.2 kHz which allows it to be used for video applications with no camera flickering. This LED Decoder provides you with the freedom to control 3 or 4 channels of LED strip, LED modules, and each channel provides you control from 1-256 levels of intensity. This decoder complies with DMX 512/1990 Protocol.



PRODUCT PAGE

TECHNICAL INFORMATION

Decode CH	1-3 (DMX-CON3), 1-4 (DMX-CON4)
Power Output	12-24V DC, <100W Total
Power Supply	12 - 24V DC
Frequency	5.2 kHz (Flicker-Free Refresh Rate)



RGBW LED DMX Decoder 4 Channel High Power



The DMX-CON4V2 DMX decoder was made with our A-Grade RGBW LED Strips in mind. This particular decoder has a frequency of 5.2 kHz which allows it to be used for video applications with no camera flickering, as well as 10 amps per channel at 12V DC with a total power of 480W and at 24V DC with a total power of 960W. This LED Decoder provides you with the freedom to control 4 channels of LED strip, LED modules, and each channel provides you control from 1-256 levels of intensity.



PRODUCT PAGE

TECHNICAL INFORMATION

Decode CH	1-4
Power Output	12V DC (480W), 24V DC (960W)
Power Supply	12 - 24V DC
Frequency	5.2 kHz (Flicker-Free Refresh Rate)





LED POWER SUPPLIES/ DECODERS/DRIVERS

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SIRS-E® BRAND

RGB / RGBW LED DMX Decoder 4 Channels



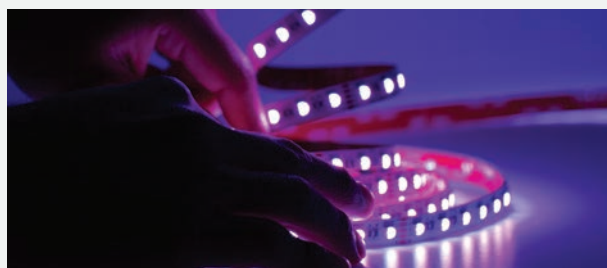
The SIRS-E® DMX512 RDM LED Decoder 4 x 8A is a highly reliable and cost-effective product for LED lighting installations. This LED Decoder provides you with the freedom to control 3 or 4 channels of RGB / RGBW LED strips, LED modules, and each channel provides you control from 1-256 levels of intensity.



PRODUCT PAGE

TECHNICAL INFORMATION

Decode CH	1 - 4 Settable Channels
Power Output	4 x (96-288) W
Power Supply	12 - 36V DC
PWM Frequency	200 Hz - 35 kHz Settable



RGB / RGBW LED DMX RDM Decoder 5 Channels Stand Alone



The upgraded SIRS-E® Decoder, DMX512 & RDM PWM Decoder 5 x 8A, is a highly reliable and cost-effective product for LED lighting installations. This LED Decoder provides you with the freedom to control 1 to 5 channels of RGB / RGBW / RGBWW LED strips and LED modules, and each channel gives you control from 1 to 256 levels of intensity. This product is an upgrade to the SR-2108A-M5-5.



PRODUCT PAGE

TECHNICAL INFORMATION

Decode CH	Selectable 1 to 5 Channels
Power Output	5 x (96 - 192) W
Power Supply	12 - 24V DC
PWM Frequency	500 Hz - 35 KHz Settable





LED POWER SUPPLIES/ DECODERS / DRIVERS

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SIRS-E® BRAND

RGB / RGBW LED DMX Decoder 6 Channels



The DMX-CON6 DMX decoder has a frequency of 5.2 kHz which allows it to be used for video applications with no camera flickering, as well as 6 amps max per channel @ 12V DC with a total power of 432W and @ 24V DC with a total power of 864W. This LED Decoder provides you with the freedom to control 6 channels of LED strip, LED modules, and each channel provides you control from 1-256 levels of intensity.



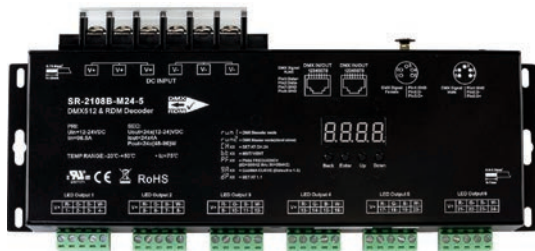
PRODUCT PAGE

TECHNICAL INFORMATION

Decode CH	1-6
Power Output	12V DC (432W), 24V DC (864W)
Power Supply	12 - 24V DC
Frequency	5.2 kHz (Flicker-Free Refresh Rate)



RGB / RGBW LED DMX RDM Decoder 24 Channels



The SIRS-E® DMX512 & RDM PWM Decoder 24 x 4A is a highly reliable and cost-effective product for LED lighting installations. This LED Decoder provides you with the freedom to control 1 to 24 channels of RGB / RGBW / RGBWW LED strips, and LED modules, and each channel provides you control from 1-256 levels of intensity.



PRODUCT PAGE

TECHNICAL INFORMATION

Decode CH	Selectable 1 to 24 Channels
Power Output	24 x (48 - 96) W
Power Supply	12 - 24V DC
PWM Frequency	500 Hz - 30 kHz Settable



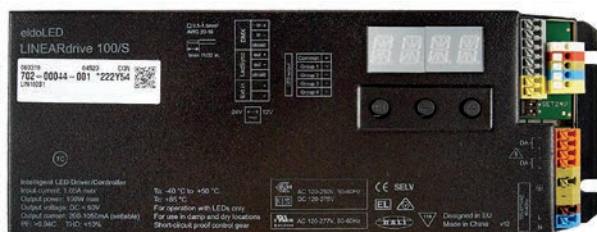


LED POWER SUPPLIES / DECODERS / DRIVERS

P14

eldoLED BRAND

LINEARdrive 100/S Full-Colour Dimmable LED Driver



LINEARdrive 100/S delivers 8A and is DALI and DMX compatible. LINEARdrive 100/S has four separately controllable LED outputs, which can be used for a wide range of full-color (RGBW), dynamic LED lighting applications.



PRODUCT PAGE

TECHNICAL INFORMATION

Type	Constant Voltage
Power Output	100W max
Output Voltage	12V 24V - DC
Dimming Options	Triac / Phase-Cut, MLV, ELV, & PWM



SIRS-E® BRAND

Dimmable LED Driver



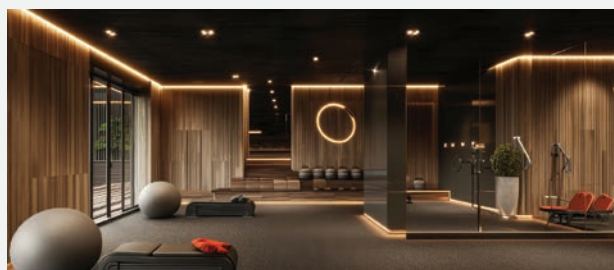
The SIRS-E® 60-watt dimmable LED driver offers exceptional dimming performance for LEDs, compatible with many dimmers, especially recommended are Lutron and Leviton for their low-end range adjustment. It ensures smooth, stable, flicker-free dimming, with soft start, fade-on, and fade-to-dark capabilities, maintaining full brightness when set to the highest level.



PRODUCT PAGE

TECHNICAL INFORMATION

Type	Constant Voltage
Input Voltage	100-130V AC
Output Voltage	12V DC, 5A Max
Dimming Options	Triac / Phase-Cut, MLV, ELV, & PWM





LED LIGHTING CONTROLLERS: HARDWARE AND SOFTWARE

LED lighting touch panel controllers are devices used to manage and control various aspects of LED lighting systems. They offer an intuitive and convenient interface for users to adjust lighting settings.



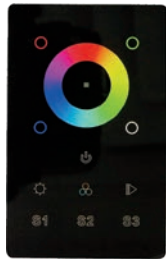
LED CONTROLLERS:

HARDWARE AND SOFTWARE

P16

SIRS-E® BRAND

LED Touch DMX Wall Mount Controller



Designed in accordance with standard protocol DMX512(1990) offering smooth brightness dimming functions for multiple zones. Adopting high strength ultra-sensitive touch glass panel and designed with a touch color line, the DMX512 master controller features accurate, smooth dimming and switching functions without flickering.



PRODUCT PAGE

TECHNICAL INFORMATION

Material	Glass Interface (white or black)
Output	DMX512 Signal
Voltage	12V - 24V DC
Channels	4 DMX Channels (RGB & RGBW), 16 DMX Channels (White - Single Color Controller)



PHAROS BRAND

Pharos Expert Controllers



Benefit from Pharos expertise in dynamic architectural lighting with an all-new, practical, straightforward control solution centered around a single, reliable controller. With the reliability you expect from Pharos and the expertise in dynamic lighting in architecture and entertainment: an easy to install, easy to use control solution.



PRODUCT PAGE



PRODUCT VIDEO

TECHNICAL INFORMATION

Hardware	Controller, Switch, Repeater, Touch
Output	DMX512, RDM, sACN, Art-Net, KiNET, DALI
Power	9V - 48V DC
Interface	Rotary Dial, Push Button, Ethernet, DMX512 Inputs, Relay Outs, PoE, Touch Screen





LED CONTROLLERS:

HARDWARE AND SOFTWARE

P17

PHAROS BRAND

Pharos Designer Controllers



The Pharos Designer range boasting a wide selection of controllers to suit any DMX, eDMX and DALI lighting project, comprehensive show control capabilities, and free software that enables you to design and build your installation, the possibilities are endless.



PRODUCT PAGE

TECHNICAL INFORMATION

Hardware	LPC (Lighting Controller), TPS 5 (Touch Panel)
Output	For LPC - DMX512, RDM, sACN, Art-Net, KiNET, DALI, Pathport, EDN, SPI
Power	For LPC - 9V - 48V DC * or PoE (PoE (IEEE802.3af, Class 2), For TPS 5 - PoE (IEEE802.3af, Class 0)
Interface	For LPC - Ethernet, DMX512, Serial, MIDI In & Out, USB-B Socket, Touchscreen, IR Sensor



ACCLAIM LIGHTING BRAND

Acclaim Lighting ART 500 USB DMX Wall Mount Controller



The Art 500 is a touch panel DMX Controller with 1,024 DMX channels and 500 programmable scenes. It can be controlled remotely from an iPhone or iPad, but the ART500 is capable of learning sunset and sunrise times with integrated GPS coordination.



PRODUCT PAGE

TECHNICAL INFORMATION

Power Input	6V DC (Transformer Included) or POE
DMX Output	1024 DMX Channels, 2 Universes
Trigger Protocols	8 x Dry Contact Trigger, Calendar Trigger, RS-232, IR
Connectors	Screw Terminal Blocks and RJ45, USB for PC / Mac Software





LED CONTROLLERS: HARDWARE AND SOFTWARE

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MADRIX BRAND

Madrix Stella



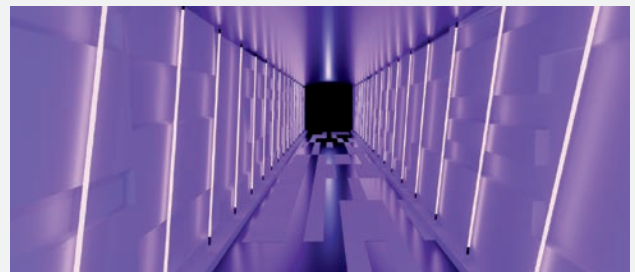
The MADRIX STELLA is a dedicated control interface for Art-Net and DMX512 that is designed for high quality and practicability in permanent LED installations.



PRODUCT PAGE

TECHNICAL INFORMATION

Data Output	2x 512 DMX Channels
Power Supply	5V - 24V DC
Power Consumption	< 1.5 W during normal operation (300 mA max.)
Ethernet (Art-Net)	RJ45, 10/100 MBit/s (Compatible w/ 1 GBit/s)



Madrix Nebula



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.



PRODUCT PAGE

TECHNICAL INFORMATION

Data Output	8x 512 channels SPI TTL (680 RGB LEDs max. per port)
Power Supply	5V - 24V DC
Power Consumption	< 1.5 W during normal operation (300 mA max.)
Ethernet (Art-Net)	RJ45, 10/100 MBit/s (Compatible w/ 1 GBit/s)





LED CONTROLLERS:

HARDWARE AND SOFTWARE

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MADRIX BRAND

Madrix Luna DMX Port ArtNet Node



The MADRIX Luna family is made up of multi node DMX interfaces used for multiple universe installations. Available in 4, 8 and 16 universe configurations, the Luna is equipped with different modes and features. It can be used as an Art-Net device, allowing the user to convert DMX to Art-Net for projects that call for such application.



PRODUCT PAGE

TECHNICAL INFORMATION

Connectivity	DMX Out, DMX-IN, RJ45 Ethernet Port, USB Port, Power Socket
Power Supply	AC 100V - 240V, 50-60 Hz, 0.4 A max., IEC C14 inlet
Power Consumption	< 5 W during normal operation
Ethernet (Art-Net)	RJ45, 10/100 MBit/s, Auto MDI-X, NEUTRIK etherCON, (Compatible w/ 1 GBit/s)



Madrix License Key 5



Madrix Software allows for the most versatile control in LED lighting for use with pixel mapping in both 2D and 3D applications. From a computer or laptop, this software has the ability to create complete LED light shows involving thousands of fixtures to bring your design to life with limitless visual effects and easily adapts to the user's needs.



PRODUCT PAGE

TECHNICAL INFORMATION

License Type	Start, Entry, Basic, Professional, Ultimate, Maximum
Usage	Pixel Mapper(2D), Voxel Mapper (3), Real-time generator for effects, Graphics render engine for visuals, Media server, media creator, and VJ tool





CABLES AND WIRES

LED lighting cables and wires are essential components of LED lighting systems, facilitating the connection and power supply to the LED lights. These cables and wires come in various types and specifications, each suited for different applications and environments.



LED CABLES AND WIRES

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SIRS-E® BRAND

High Quality DMX 5 Pin XLR Lighting Cable



The SIRS-E® DMXN20-5D DMX Cable, made in the USA, features high-quality 5-pin XLR Neutrik Connectors and utilizes Rapco Horizon's 110-ohm digital Pro Lighting Cable. This cable is commonly used in theatrical productions, concerts, and other live events for controlling stage lighting and effects.



PRODUCT PAGE



PRODUCT VIDEO

TECHNICAL INFORMATION

Connectors	5 Pin Male & Female with Nickel housing and silver contacts
Conductor	4 x 24 AWG Stranded, 7 Strands 32 AWG, Bare Annealed Copper
Insulation	Cellular polyethylene / Wall Thickness .017" nominal / Diameter .058" nominal
Color Code	Black paired with red, green paired with white



Pro DMX Cable 22 AWG Shielded



The SIRS-E® ProDMX-CAB DMX512 Cable 2 Pair (4 Conductors + Shield), is a thin 0.169" Shielded cable utilized for lighting control. This 22-AWG stranded bare-copper-conductor cable provides the ideal conductivity needed for DMX512 transmission. Made in the USA with high-quality materials.



PRODUCT PAGE



PRODUCT VIDEO

TECHNICAL INFORMATION

Conductor	4 x 22 AWG stranded, 7 strands 30AWG, Bare Copper
Insulation	PVC 0.008" (Black, Red, White, Green)
Drain Wire	1 x 24 AWG stranded, 7 strands 32AWG, Tinned Copper
Waterproofing	Non-Polyester Woven Water Blocking Tape IP65





SIRS-E.COM
Official Website



SIRS-E.US
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SIRS-E[®] III