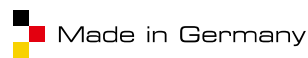


MADRIX® I/O products are supplementary input and output devices.

External equipment, such as sensors, bring additional automation processes and interaction to any LED project using the MADRIX® Software.

MADRIX I/O



Key Features

3rd Edition – 08/2018

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

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

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

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.

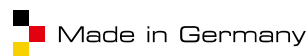
The device can simply be connected to any USB 2.0 port.

Example of use: Cue List

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MADRIX I/O



Technical Specifications

MADRIX® I/O	MADRIX® USB contact closure
Power Supply	DC 5 V, 500 mA, Power over USB
Power Consumption	~ 25 mA during normal operation
USB	USB 2.0, type A plug, Plug and Play, 2 m cable
Dimensions (L x W x H)	44 mm x 30 mm x 23 mm
Weight	57 g
Operating Temp.	-20 °C to 80 °C
Storage Temp.	-20 °C to 80 °C
Relative Humidity	5 % to 95 %, non-condensing
IP Rating	IP30
Certificates	CE, RoHS

MADRIX® I/O	MADRIX® USB temperature
Power Supply	DC 5 V, 500 mA, Power over USB
Power Consumption	< 50 mA during normal operation
USB	USB 2.0, type A plug, Plug and Play, 2 m cable
Dimensions (L x W x H)	40 mm x 25 mm x 15 mm
Weight	69 g
Operating Temp.	-20 °C to 80 °C
Storage Temp.	-20 °C to 80 °C
Relative Humidity	0 % to 100 %, non-condensing
IP Rating	IP57
Certificates	CE, RoHS

MADRIX® I/O	MADRIX® USB light sensor
Power Supply	DC 5 V, 500 mA, Power over USB
Power Consumption	< 50 mA during normal operation
USB	USB 2.0, type A plug, Plug and Play, 2 m cable
Dimensions (L x W x H)	44 mm x 30 mm x 23 mm
Weight	59 g
Operating Temp.	-20 °C to 80 °C
Storage Temp.	-20 °C to 80 °C
Relative Humidity	5 % to 95 %, non-condensing
IP Rating	IP57
Certificates	CE, RoHS

MADRIX® I/O	MADRIX® USB SMPTE
Power Supply	DC 5 V, 500 mA, Power over USB
Power Consumption	~ 50 mA during normal operation
USB	USB 2.0, type A plug, Plug and Play, 2 m cable
Plug	3-pin, XLR, female, NEUTRIK
Weight	110 g
Operating Temp.	10 °C to 50 °C
Storage Temp.	-10 °C to 70 °C
Relative Humidity	5 % to 80 %, non-condensing
IP Rating	IP20
Certificates	CE, RoHS

Package Contents

- MADRIX® IO
- Quick start guide / technical manual

More Information

Find all the latest user manuals, drivers, firmware updates, and more at www.madrix.com

