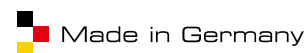




# MADRIX PLEXUS

**The next-generation  
live or stand-alone interface.**

Including MADRIX 3 Software License



## Key Features

2<sup>nd</sup> Edition – 06/2017

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

The 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.

### 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.

Free software demo version, user manuals, and more information are available at [www.madrix.com](http://www.madrix.com)

## Package Contents

- MADRIX PLEXUS
- 4 GB SDHC card (inserted into the device)
- USB power supply, USB cable
- World power plug adapters kit
- Quick start guide
- CD-ROM incl. MADRIX Software and USB drivers

## Optional Accessories

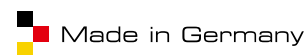
- MADRIX PLEXUS Wall Mount Set (4 brackets, 4 Torx T10)
- XLR Gender Changer (5-pin male to 5-pin male)
- XLR Adapter (5-pin male to 3-pin female)



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## Technical Specifications

Power Supply	External, AC 100 V – 240 V ~ 50/60 Hz input, DC 5.2 V and 1000 mA max. output over USB; 10 °C to 40 °C (Operating temperature) -10 °C to 60 °C (Storage temperature) 20 % to 80 %, non-condensing (Relative humidity) 10 % to 80 %, non-condensing (Storage humidity)
Power Consumption	2.5 W max. (500 mA max.)
USB	USB 2.0, type B port, Power over USB
DMX512	2x 512 DMX channels, input or output
DMX512 Ports	5-pin, XLR, female, NEUTRIK
Ethernet/Art-Net	RJ45, 10/100 MBit/s, Auto MDI-X, NEUTRIK etherCON
Extension Port	15-pin, D-Sub, US, female
SD Card Slot	SD (2 GB max.) and SDHC cards (32 GB max.) supported
Display	3" LCD graphics display
Handling	5 control buttons
Dimensions (L x W x H)	154 mm x 111 mm x 45 mm
Weight	500 g
Operating Temp.	10 °C to 50 °C
Storage Temp.	-10 °C to 70 °C
Relative Humidity	5 % to 80 %, non-condensing (Operating / Storage)
Case	Metal enclosure
IP Rating	IP20
Certificates	CE, FCC, RoHS

### MADRIX 3.X Software

#### 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

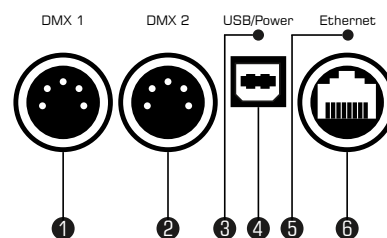
### MADRIX 3.X Software

#### Supported Operating Systems:

- Microsoft® Windows® 7
- Microsoft® Windows® 8
- Microsoft® Windows® 8.1
- Microsoft® Windows® 10
- Compatible with 32 bit and 64 bit

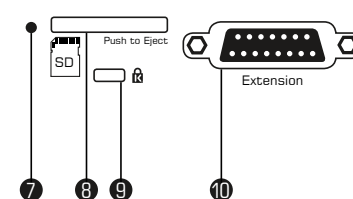
## Connectivity

### Bottom Connections



- 1) XLR port, DMX 1
- 2) XLR port, DMX 2
- 3) Status LED for USB/Power
- 4) USB/Power port
- 5) Status LED for Ethernet
- 6) RJ45 Ethernet port

### Top Connections



- 7) Status LED for SD card slot
- 8) SD card slot
- 9) Kensington Security Slot
- 10) Extension port

