

## Ether2DMX8™



# Ether2DMX8 is the ultimate DMX router... and much more!



**The Ether2DMX8's principal functionality is as a DMX router, which translates Artnet protocol into DMX in/out universes.**

In addition, the Ether2DMX8 can be used as a DMX merger, DMX splitter hub, failsafe device, cue playback, and DMX viewer monitor.



The Ether2DMX8 can be remotely controlled via a webpage. All functionality of the device can be changed, saved and even uploaded to other Ether2DMX8 devices on the same network. Configuration settings can also be saved to file and applied to other devices later on.



#### Back panel:

- USB memory stick compatible
- Mouse & Keyboard input
- RJ-45 USB connection for future options



#### 8 open contact inputs:

- The inputs transmit Artnet compatible contact closures on the network
- Contact closures can trigger factory and user presets and start cue playback

- Artnet to DMX conversion
- DMX to Artnet conversion
- 10 Factory Presets
- 10 User Presets
- 99 Cues with Fade Time, Hold Time and Cue Linking
- 8 Switch Inputs
- 8 XLR female 5-pins
- DMX Splitter
- DMX Monitor
- DMX and Artnet Test Generator
- Multiple Artnet IP in for backup system
- USB port for backup and firmware updates

## Specifications Preliminary Data

### Physical

Length: 288 mm (11.3 in.)  
Width: 482.2 mm (19.0 in.) , 19-inch rackmount  
Height: 43.6 mm (1.7 in.) 1U  
Weight: 3.6 kg (7.9 lbs.)

### Control/User Interface

Front panel display with 4-button control menu  
1 x dual-color LED per port  
Mouse & keyboard input  
Remote web access  
DMX viewer for any physical incoming or outgoing DMX port

### Hardware

520 MHz processor for fast, synchronized DMX output, latency virtually zero

### Ethernet:

Artnet-compliant, Artnet II-compliant  
ACN-ready  
Built-in webpage for quick access and remote setup  
10/100 Mbit connection

### 8 ports:

Configurable as input or output  
Opto-isolated circuit for each port  
User-definable DMX timings for each port  
Each port set as output can be set to constantly repeat the last received DMX frame or only to output new frames  
RDM-ready  
Dual-color LED for each port

### 8 open-contact inputs:

Inputs transmit Artnet-compatible contact closures on the network  
Contact closures can trigger factory and user presets and start cue playback

### Software

10 user presets for device configuration  
Maxxyz, Maxedia use preset with auto-IP address setting  
Presets for DMX Hub and Splitter functionality  
Mergeable setup where multiple inputs are routed in LTP, HTP to one output  
Ports assignable to input or output

Ports routable to/from internal ports or to/from any DMX universe on Artnet

Port routing triggerable by contact closure through the use of user presets

Ports' DMX channel ranges configurable

Merger modules routable between inputs & outputs and/or Artnet universes

Channel ranges can be put in LTP/HTP, copy or fixed value from other channels

Auto or manual IP addressing

Tracking backup function: automatic handover to another Artnet signal if one signal fails

DMX and Artnet test pattern generator

Artnet broadcast and unicast compatible

Configuration files loadable/storable on USB memory sticks

Firmware upload via USB memory stick

### Construction

Housing: Steel and aluminum  
Finish: Electrostatic powder-coated

### Installation

19-inch rackmount (1U)

### Connections

10/100 base-T ethernet port: Neutrik locking RJ45 Ethercon socket

DMX in/out ports: 8 x 5-pin female XLR

Keyboard: USB or PS2

Mouse: USB or PS2

Backup, software upload: USB

Monitor: VGA 15-pin

AC power input: 3-pin IEC male socket

AC power throughput: 3-pin IEC female socket

Electrical AC power: Auto-ranging 100 - 240 VAC nominal, 50/60 Hz

Main fuse: 2 x 500 mA T (slow-blow)

Typical Power and Current 100 V, 60 Hz: 220 mA

Measurements made at nominal voltage.

Allow for a deviation of +/- 10%.

### Ordering Information

Ether2DMX8: P/N 90758130

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