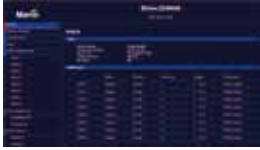


**ether2DMX8™**



**Martin®**

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



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

**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.

- 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 rack mount (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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