Ether2DMX8

Ether2DMX8 is a highly capable DMX router and much more! As a DMX router, it translates Artnet protocol into DMX in/out universes but can also be used as a DMX merger, DMX splitter hub, fail safe device, cue playback, and DMX viewer monitor. As an extension for the M-Series console it provides 8 DMX ports. When connected to a standalone PC, the Ether2DMX8 also becomes the license key for M-PC and provides 64 DMX Universes.

Artnet to DMX – DMX to Artnet conversion

10 Factory and users Presets

99 Cues with Fade Time, Hold Time and Cue Linking

GALLERY

FEATURES

- 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 5pins
- DMX Monitor
- DMX and Artnet Test Generator
- Multiple Artnet IP in for backup system
- USB port for backup and firmware update
- M-PC License with 64 x DMX512

TECHNICAL SPECIFICATIONS

Physical
Length: 288 mm (11.4 in.)
Width: 482.2 mm (19.0 in.), 19-inch rackmount
Height: 43.6 mm (1.8 in.), 1U
Weight: 3.6 kg (8.0 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 DMX output

Ethernet
Art-Net-compliant, Art-Net 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 Art-Net-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
M-Series, 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 Art-Net
Port routing triggerable by contact closure through the use of user presets
DMX channel ranges of ports configurable
Merger modules routable between inputs and outputs and/or Art-Net 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 Art-Net signal if one Art-Net signal fails
DMX and Art-Net test pattern generator
Art-Net 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
Backup, software upload: USB
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