

### DMXEtherGate Mk II



#### GENERAL INFORMATION

The DMXEthergate Mk2 is 2-port DMX to Ethernet node that can be configured as either an input or an output at the flick of a switch, and is compatible with ESP and Art-Net DMX over Ethernet protocols.

#### APPLICATIONS

- UNIVERSITY/PROFESSIONAL THEATRE
- ARCHITECTURAL
- TOURING
- TOURING COMPANIES / ROAD HOUSES
- TRADE SHOW

#### FEATURES

- DMX -> Ethernet
- Ethernet-> DMX
- Half-width of 1U for 19 inch Rackmount
- 2 DMX ports (input or output)
- 1 RJ45 Ethernet connection
- Internal power supply
- IEC power connector (Autoranging Voltage)
- Dipswitch selectable personalities, including Plug & Play
- Can also be configured with Web Browser (over Ethernet connection.)

#### ACCESSORIES

- Rack Mounting Ears (not included)
- Rack Mounting slot for 2 units (not included)
- Gender Changer (not included)
- 3-pin to 5-pin Adapters (not included)
- Ethernet Hub (sold by others)
- Wireless Ethernet Gateway (sold by others)

#### ORDERING INFORMATION

Part Number	Description
#70018	DMXEtherGate Mk II Output Connectors
#70019	DMXEtherGate Mk II Input connectors

#### OPTIONS

Part Number	Description
#70023	Gender Changer
#70029	3-pin to 5-pin Adapters
#70006	2U 19" Rack Mount Kit
#70018	1U 19" Rack Mount Kit (half space)

#### SPARE PARTS

Part Number	Description
#NAD1501	Replacement Power Supply

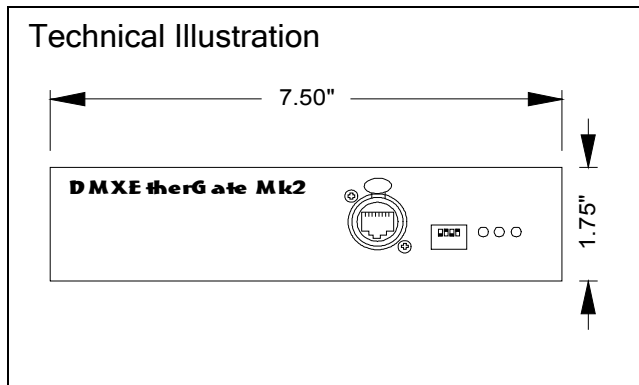
#### GENERAL SPECIFICATIONS

Power Requirements	90-260vac, 50-60Hz
Weight	1.98 lbs / .9 kg
Shipped Weight	2.86 lbs / 1.3 kg
Width:	7.5" / 191mm
Height	1.75" / 44.45mm
Depth	4.14" / 105mm
Rack	½ width Standard RU
Operating Environment	0°-50°C in non-condensing environment

## FUNCTIONAL SPECIFICATIONS

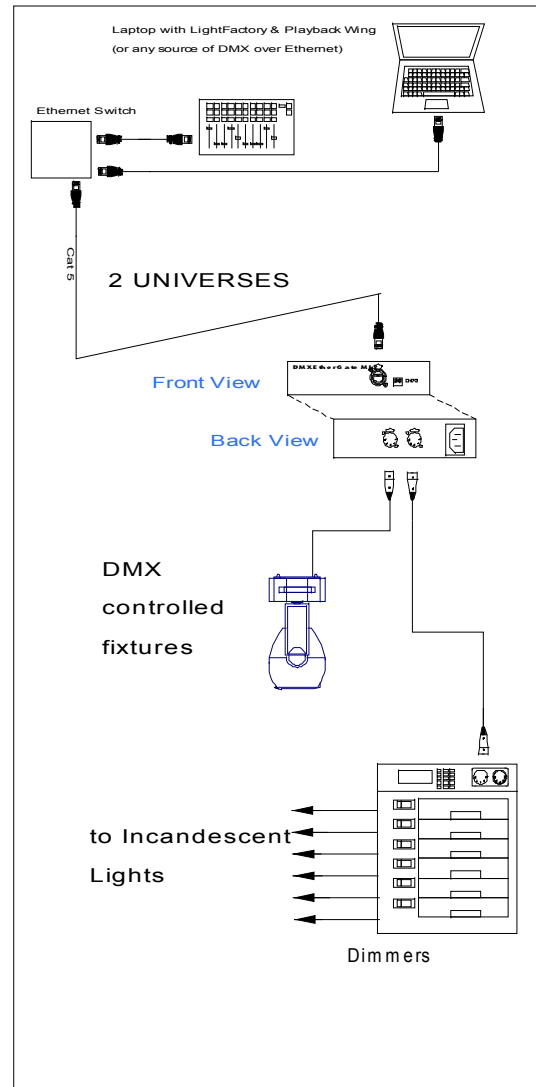
- Plug and Play or Configured operation
- DMX ports: 2 input, 2 output or 1 in & 1 out
- 10BaseT Ethernet port
- Up to 256 DMX512 universes on a 10Base-T Ethernet link
- Remote configuration using any web browser.
- Endless Softpatch capabilities
- Node Universe Binding (have multiple nodes each assigned to their own DMX universe)
- Static or DHCP IP configuration
- RLE Data compression to minimize bandwidth
- Easy firmware upgrades using DHCP + TFTP
- ENTTEC (ESP) and Art-Net protocol support

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## Wiring Diagrams

### DMXEtherGate used as Output Node



For additional information see the [schematic diagram sheets](#)