



## DMX USB PRO Mk2

### GENERAL INFORMATION

The Pro2 supports two full universes of DMX512. It can be used as an output to control lights, or as input to allow DMX data from another source to interact with various programs on a PC. An on-board processor ensures the timing and signaling data is produced uninterrupted and error free, while isolation protects the computer from unwanted voltage spikes up to 1500V. The Standalone Operation mode allows the user to run a one DMX universe simple lightshow on the device without tying up a computer.

### APPLICATIONS

- ARCHITECTURAL (Standalone)
- AV PRODUCTION
- LIVE ENTERTAINMENT
- HOUSES OF WORSHIP
- TRADE SHOWS

### FEATURES

- Aesthetically slim-profile, machined aluminium box
- Dual, fully independent, DMX ports each with full RDM capability to control up to 1024 channels (software permitting)
- True 1500V isolation protecting your computer from DMX line surges
- Internal frame buffering preserves data integrity when computer is busy
- Utilizes the FTDI chipset, offering compatibility with Windows, OSX and Linux
- Stores configuration and user data in EEPROM
- Upgradeable firmware
- Security / software protection API
- One firmware version supports all features including DMX, RDM, MIDI and Standalone
- Multicolor LED indicates various operational modes
- Includes USB cable, (A-style to USB-Micro), DMX breakout cable, and driver CD.
- Works with many commercial, shareware, and freeware programs such as M2PC, MagicQ, D-PRO, WYSIWYG, Capture, Arkaos, Modul8, Plexus, LightFactory, ShowCAD, Freestyler (see website for many more)
- Supports MIDI in/out with optional cables
- Supports recording of one universe for standalone mode, using free Enttec utility or as implemented in various software programs

### ACCESSORIES

Part Number	Description
#79146	DMX cable breakout 3 plug
#79147	DMX and MIDI cable breakout 5 plug
#70317	Zip Case

### OPTIONS

Part Number	Description
#70029	3-pin to 5-pin Adapter
#70030	5-pin M to 5-pin M Adapter

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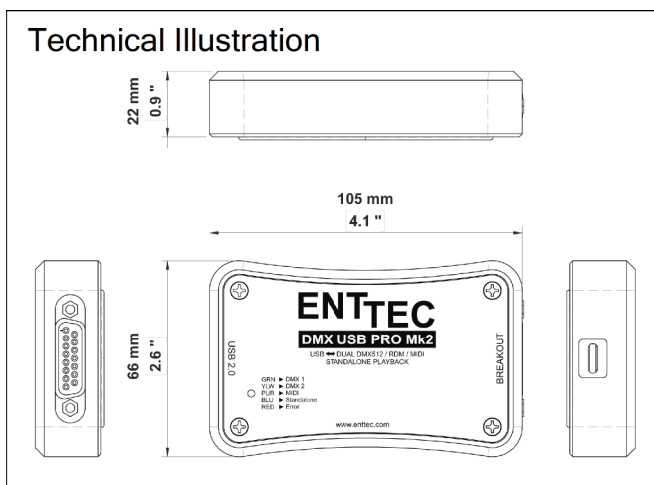
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### GENERAL SPECIFICATIONS

Power Requirements	500mA supplied by USB
Weight	0.42 LBS / 0.19 KG
Shipped Weight	0.77 LBS / 0.35 KG
Width	4.1" / 105MM
Height	0.9" / 22MM
Depth	2.6" / 66MM
Operating Environment	0°-50°C in non-condensing environment

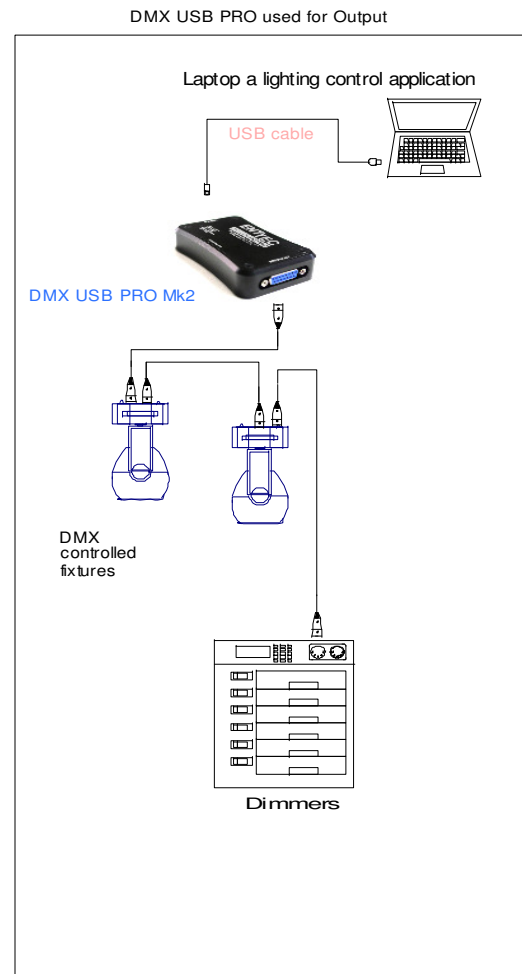
### FUNCTIONAL SPECIFICATIONS

- USB port works with USB 1.1 or 2.0
- DMX Input - 5 Pin XLR (use optional)
- DMX Output - 5 Pin XLR (will be passive throughput if input is active)
- Micro processor enabled
- Drivers for Windows, OSX and Linux
- Universe & user config EEPROM
- Refresh rate configurable from 1 to 40Hz
- Break time configurable from 96uS to 1.3mS
- MaB configurable from 10.6uS to 1.3mS



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### Wiring Diagram (Riser)



See other Riser Diagrams, Plates  
 70314-1 through 70314-2

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