

## **DMX512 to NSI Microplex**

model: DMX2MPX technical data sheet



The DMX to Microplex interface is capable of converting DMX512 to NSI, Leprecon or Lightronics versions of Microplex. Since each of these manufactures uses unique timings the DMX to Microplex interface provides jumpers to configure the Microplex output.

DMX512 input is received via 5-pin male XLR connector. Microplex output is via a 3 pin female XLR connector. A "pass-thru" 5-pin female XLR is also provided for the DMX signal. LED indicators display DMX input signal, power and a Mimic of Microplex channel 1. A three digit thumbwheel switch is provided to set the starting address as well as access single channel diagnostic mode (601-728).

### **SPECIFICATIONS:**

Input signal: 250 Kilobaud, 0.2 volts minimum, 12 volts maximum

Input circuit: ESD protected EIA-485 transceiver (LT1785)

Input connector: Gold plated 5 pin male (Neutrik D-1 series)

Input pass through: Gold plated 5 pin female (Neutrik D-1 series)  
All five pins are passed through

Option jumpers:	<b>INSTALLED</b>		<b>REMOVED</b>
	<b>JP1</b>	DMX times out in 1 second <b>(Default)</b>	Hold last look
	<b>JP2</b>	64 Channel Output <b>(Default)</b>	128 Channel Output
	<b>JP3</b>	Fast Output <b>(Default)</b>	Slow Output
Output signal:	<b>FAST</b>		<b>SLOW</b>
	<b>64 Channel</b>	70 Hertz	37 Hertz
	<b>128 Channel</b>	38 Hertz Output	20 Hertz Output

Output circuit: Hi-speed operational amplifier (LF347)

Output connector(s): Gold plated 3 pin female (Neutrik D-1 series)

Output Pinout  
Pin 1 Common  
Pin 2 N/C  
Pin 3 signal

Power input: 100 - 120 volts, 50/60 hertz, 12 watts (208 - 240 volt optional)

Color: Top, bottom and sides: Silver hammer tone. Front and back: Black.

Size and weight: 6.5" deep, 1.7" high, 6.5" wide, 2.7 pounds (19" rack adapter available)

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