

DMX512 to AMX192 Converter

model: DMX1AMX

technical data sheet



The DMX1AMX allows the use of a DMX512 control console with existing AMX192-based dimmers (such as the Strand CD80 series). A custom patch table can be factory programmed to accommodate 6K and 12K dimmers which can alter normal dimmer numbering.

The model DMX1AMX converter has a fully isolated DMX512 input and a single AMX192 output which handles up to 192 dimmers. A non-isolated DMX 'thru' connector is also provided. Front panel indicators show power, DMX signal input, and a 'MIMIC 1' LED which shows the level of the first addressed output channel for diagnostic purposes. The DMX address switch is used to set the starting address for the interface. A local test mode can be invoked by setting the address switches to the 601-792 range of values to test individual output channels. If you would like assistance in your application, please give us a call. We like to talk with our customers.

SPECIFICATIONS: Input specifications meet or exceed DMX512 requirements.
Output specifications meet or exceed AMX192 requirements.

Input signal:	250 Kilobaud, 0.2 volts minimum, 12 volts maximum										
Input circuit:	Fully isolated EIA-485 receiver										
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										
Output signal:	AMX192, internal jumper to select "fast" (default) or "slow" timing characteristics										
Output circuit:	High speed LF347 op-amp										
Output connector(s):	Gold plated 4 pin male (Neutrik D-1 series)										
Output Pinout:	<table><thead><tr><th>Pin</th><th>Function</th></tr></thead><tbody><tr><td>1</td><td>COMMON</td></tr><tr><td>2</td><td>CLOCK+</td></tr><tr><td>3</td><td>ANALOG DATA</td></tr><tr><td>4</td><td>CLOCK-</td></tr></tbody></table>	Pin	Function	1	COMMON	2	CLOCK+	3	ANALOG DATA	4	CLOCK-
Pin	Function										
1	COMMON										
2	CLOCK+										
3	ANALOG DATA										
4	CLOCK-										
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 2.6 pounds (optional 19" rack adapter available, model RK6-1)										

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