

# DOUG FLEENOR DESIGN

## DMX512 to AMX192 Converter

model: DMX1AMXE

technical data sheet



The DMX1AMXE 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 DMX1AMXE 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:

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: 1.7"H × 6.5"D × 6.5"W, 2.6 pounds  
(optional 19" rack adapter available, model RK6-1)

### Doug Fleenor Design, Inc.

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## Limited Manufacturer's Warranty

Products manufactured by Doug Fleenor Design (DFD) carry a five-year parts and labor warranty against manufacturing defects. It is the customer's responsibility to return the product to DFD at the customer's expense. If covered under warranty, DFD will repair the unit and pay for return ground shipping. If a trip is necessary to the customer's site to solve a problem, the expenses of the trip must be paid by the customer.

This warranty covers manufacturing defects. It does not cover damage due to abuse, misuse, negligence, accident, alteration, or repair by other than by Doug Fleenor Design.

Most non-warranty repairs are made for a fixed \$50.00 fee, plus shipping.

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