

Two Channel DMX512 Controlled Low Voltage Relay Pack

model DMX2REL5A
technical data sheet



DMX512 control of low voltage switch closure devices (such as slide projectors and fog machines) is made possible with the *Two Channel DMX Controlled Low Voltage Relay Pack* (single channel model is also available).

Doug Fleenor Design Relay Packs use dry contact air-gap relays. These relays have advantages and disadvantages over the solid state relays found in dimmer packs. Solid state relays can be switched on and off rapidly with no wear, but tend to leak current even when in the off position. Air-gap relays do not leak current, but due to their mechanical design have a finite life span. Doug Fleenor Design Relay Packs should be used where a true off condition is required (no voltage, no current). They should not be used in applications where they will be turned on and off rapidly (for example in chase lights).

SPECIFICATIONS: Input specifications meet or exceed DMX512 requirements.

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

Input circuit: EIA-485 receiver with two 100 ohm PTC self resetting fuses, four low capacitance transient suppression diodes.

Input connector: Gold plated 5 pin male XLR (Neutrik D-1 series) 3 pin optional.

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

Power Input: 120 volts, 50/60 hertz, 2 watts. (240 Volt Optional)

Output Connection: (2) Gold Plated 3 pin male XLR (Neutrik D-1 series).
pin 1 common
pin 2 normally open
pin 3 normally closed

Output Rating: 5A 30VDC

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

Size and weight: 1.7"H x 6.5"D x 6.5"W, 2.7 pounds
(19" rack adapter available).

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DOUG FLEENOR DESIGN

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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