

Six Channel DMX512 Controlled Low Voltage Relay Pack

model: DMX6REL1A
technical data sheet



DMX512 control of low voltage switch closure devices (such as slide projectors and fog machines) is made possible with the *Six Channel DMX Controlled Low Voltage Relay Pack* (a two 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 XLR (Neutrik D-1 series). All five pins are passed through.
Power Input:	120 volts, 50/60 hertz, 12 watts. (240 Volt Optional)
Output Connection:	(2) Gold Plated 6 pin male XLR (Neutrik D-1 series). Outside Connector Inside Connector Pins 1/2 Relay 1 normally open Relay 4 normally open Pins 3/4 Relay 2 normally open Relay 5 normally open Pins 5/6 Relay 3 normally open Relay 6 normally open
Output Rating:	1A 30VDC
Color:	Black front, back, top, and sides. Clear iridite aluminum bottom chassis.
Size and weight:	9.0" deep, 1.6" high, 5.6" wide, 2.7 pounds (19" rack adapter available)
Warranty:	Five years on defects in manufacturing. Output device is not warranted against abuse.

Doug Fleenor Design, Inc.

396 Corbett Canyon Road
Arroyo Grande, CA 93420
(805) 481-9599 voice and FAX
(888) 4-DMX512 toll free (888) 436-9512
web site: <http://www.dfd.com>
e-mail: info@dfd.com