

USER GUIDE

DM Engineering Solid State Relay Pack

Version 1.1

DM Engineering

2174 Chandler St.

Camarillo, CA 91345-4611

805-987-7881 800-249-0487

www.DMEngineering.com

Overview:

The Solid State Relay Pack is a self contained AC line switching device designed to operate "ON AIR" or "RECORDING" studio signs using a low DC input voltage to control the output. The input is not polarity sensitive making ease of wiring a priority.

The Solid State Relay Pack has the following features:

- Input voltage range of 5-15 VDC @ 17ma (maximum) with polarity guard. Input wires may be connected without regard to polarity and may be almost any length.
- Fused output with capabilities up to 5 amps, and supplied with NEMA standard "U" ground 3 pin outlet connector.
- 6 ft. input AC cord with NEMA standard "U" ground 3 pin plug.
- Eurostyle removable 2 station DC input connector.
- Zero-crossing technology is employed to eliminate noise

Operation:

Application of the DC input voltage turns on the Solid State Relay and removal of the input voltage turns off the Solid State Relay.

Installation:

Installation of the Solid State Relay Pack is simple.

1. Connect the DC input wires to the 2 station connector. Polarity is not a factor.
2. Connect the input line cord to any available AC receptacle.
3. Connect the load to the AC receptacle on the Solid State Relay Pack.

Warranty Information:

The DM Engineering Solid State Relay Pack is warranted for a period of one year from the date of purchase. This warranty covers materials and workmanship only. Any misapplication, physical or electrical damage from outside sources or by the customer is not covered. The customer must pay shipping costs to the factory, and DME will pay shipping costs to return the warranted equipment to the customer. Any priority shipping costs are to be the responsibility of the customer as ground service is standard. Please contact the factory for an RMA number prior to any returns. Items returned without an RMA may be sent back to the customer unopened.

Technical Support

If you have questions, experience difficulties with the product or require further information please contact DME at: 805-987-7881, toll free 800-249-0487, or E-mail technical support at: info@dmengineering.com, or visit www.DMEngineering.com for the latest User Guide.

Specifications:

Case dimensions: 6" wide X 5" deep X 1.5" high

Case material and color: ABS plastic, bone grey

AC input & output connection method: NEMA "U" ground 3 pin plug and receptacle.

DC input connection method: Eurostyle 2 station removable connector

DC input requirement: 5-15VDC @ 17ma maximum.

AC input operating voltage and current: 12-280 VAC, .06-5 A., 47-63Hz.

Input to output isolation: 4000 V

Zero-crossing technology employed to eliminate noise

All components UL recognized

Power Cord Length: approx. 6 ft. total

Mounting: Desktop or any surface that the customer desires

Operating temperature: 32 to 120F

Humidity: 0 to 95% non-condensing

Shipping Weight: 2 lbs. (approximate)