

## SLD1 STEP LIGHTING DMX DIMMER

### Specifications:

Dimensions: 5 1/8"L x 3 1/8"W x 1 3/4"H

Allow 1: clearance on 5 1/8" x 3 1/8" for connections.

Weight: 10.5 oz.

Continuous current, per channel: 5A (60W @ 12V)

Intermittent Peak Current, per channel: 8A (100W)

Total Current, Sum of all Channels: 17A (200W)

Over-Current Protection on Dimmer

Outputs: YES

Over-Temperature Protection on Dimmer

Outputs: YES

Maximum Input Voltage: 18V, 12V typical

Minimum Input Voltage: 8V



### SLD1 – Step Lighting DMX Dimmer

- 50W per Channel, 200W Total
- Fault Protected Outputs
- 8VDC – 18VDC – lowest drop-out in the industry
- Approximately 4.5" x 3.5" x 1.75"

The SLD-1 is a DMX-controlled low voltage dimmer specifically designed for use with Mica's safety step lighting. It provides a very smooth high resolution inverse-square-law (ISL) dimming curve.

Internal dipswitches are used to select a DMX channel from 1 to 512, as well as the dimming curve (linear or ISL), and several selectable rates of fade smoothing. Fade smoothing is very pleasing to the eye, and reduces surge currents during rapid dimmer level changes.

DMX wiring can be done with standard 5-pin XLRs, or spring-clip connectors. Data in and thru are provided for both connection types, and are internally tied together. Thus, data will pass through the SLD1 even if it is not powered, and a unit can be used to convert between XLR and spring-clip connections.

A test button allows wiring to be tested when no DMX data source is available. Four status LEDs provide useful status and troubleshooting information.