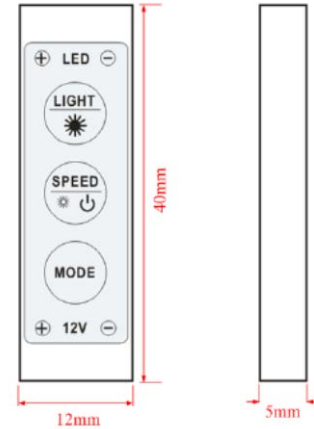


Prop and Scenery Lights, LLC  
[www.propscenerylights.com](http://www.propscenerylights.com)  
 Product Specification Sheet  
 (Micro Effects Dimmer)  
 LED Lighting Control P/N: MED1



**Electrical Characteristics**

- 1) Input voltage 5.0 - 24 volts DC LED Lighting Systems, 4.0 amps Max.
- 2) Output rating: 20 watts Max. at 5.0 volts, 48 watts Max. at 12 volt, 96 watts Max. at 24 volts DC. The MED1 controls (switches) the negative (-V) power, the positive (+V) passes through the unit. Idle current when off 2-3ma typ.
- 3) Operation usage temperature range, within -4°F to +140°F
- 4) Control Button functions:
  - **The Light button** is used in static mode for dimming. Note the Static (0 mode) dimming function is between effects #8 and #1 when sequencing through the modes.
  - **The Speed (On/Off) button** provides ten speed levels for the effects modes and is also used to turn the unit off when it is held longer than 3 seconds.
  - **The Mode button** provides eight dynamic effects, and the Static (0 mode) between effects #8 and #1.
- 5) Mode effects patterns

0) Static mode for dimming

1) Up / Down – ramp up on ramp down off – repeat	5) Blinking – long on
2) Up / Down – flame flicker – always on	6) Flash - burst of pulses (emergency vehicle light)
3) Strobe – fast	7) Strobe – slow (beacon light)
4) Blinking – long off	8) Up / Down varying brightness – brief off – repeat

**Mechanical Characteristics and Notes:**

- 1) The body measures a nominal 1.4” length, 0.6” wide and 0.2” thickness. The overall end to end length of the entire body and cable assembly is 13.0” Max.
- 2) Power connection is via DC barrel connectors 2.1mm X 5.5mm, with 5.5” cable length. Input = Jack output = Plug.
- 3) Module body and cables are black in color. For installation in moisture protected environment.
- 4) Rohs, PB-Lead free
- 5) The control retains the last settings when power to the unit is cycled On and Off.

**Connector style**

Jack 2.1mm X 5.5mm

Plug 2.1mm X 5.5mm

