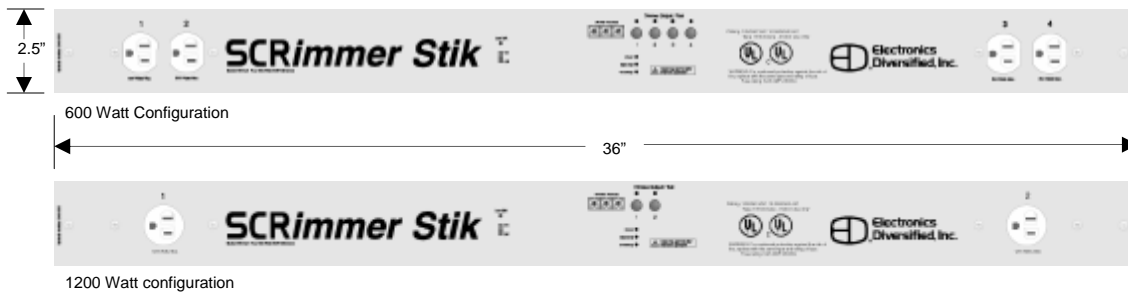
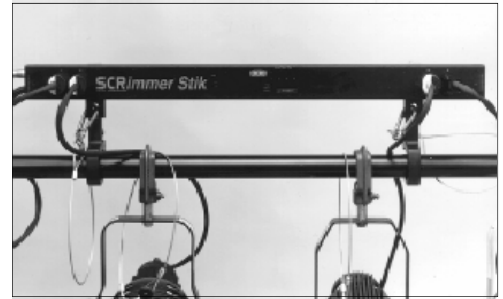


# Performance Dimmers

## SCRimmer Stik

### Features

- UL, C-UL Listed
- Available in Two 1200 Watt or Four 600 Watt Dimmer Configuration
- Plug-In Modular SCR's
- Thermal Sensor with LED
- Toroidal Filter Chokes
- Optically Isolated DMX-512 Control
- Individual Dimmer Test Buttons
- 120/240 Volt, 50/60 Hz
- Optional constant 120VAC convenience outlet for non-dim accessories such as color scrollers



### Description

#### Save Energy and Money

The SCRimmer Stik is designed to work with today's energy efficient high performance lamps. There is no need for expensive centralized dimmer systems when you can create a flexible dimmer system with the outlets where you need them. Here is a product that can adapt to any situation.

#### Just Plug It In

Take the SCRimmer Stik out of the box and plug it into any 110/240 VAC outlet. The SCRimmer Stik comes with a power cord and connector rated for 20 amps. The SCRimmer Stik is adaptable to permanent or portable installation. When powered, the Power LED will illuminate, alerting the operator that the outlets are powered but without signal.

#### Connect The Signal

The SCRimmer Stik accepts the rugged industry

standard 5-pin XLR style DMX connector for the optically isolated signal input. When connected, with a signal present, the LED will illuminate. The SCRimmer Stik is furnished with a DMX output connector, which allows the control signal to "daisy-chain" through any additional Stiks or other remote devices.

#### Power the Loads

Connect any incandescent or quartz load into each of the outlets. The power-handling SCR components can withstand up to four times the current rated capacity. Overload conditions are protected at the outlets to avoid common failures.

#### Test the Load without a Signal

With the load connected, press the test button. The load will be powered to full. The test button allows for simple load or focus checks. Press the

button again and the load will fade out. Otherwise, the test switch will automatically switch off after a seven and one half-minute period.

#### Create the Look

With the DMX Controller on line, the SCRimmer Stik is ready to respond to the commands of the signal generator. The lamp output is smooth and even, without flickering or stepping.

#### It's Serviceable

The SCRimmer Stik offers the best value in the market by making the critical components of the unit user serviceable. The plug-in SCR control for each dimmed outlet can be replaced with a screwdriver. The lightweight design and unique mounting hardware make the Stik fit into any environment.

### Order Information

#### Color Options

- Black\*
  - White
  - Brushed Aluminum
  - Custom Color
- \*Standard

#### Power Options

- 120 V \*
- 240 V

#### Input Connectors

- 20 Amp Parallel Blade\*
- 15 Amp Parallel Blade
- 20 Amp Twist-Lock
- Grounded Stage Pin
- Pigtail (No Connector)

#### Output Connectors

- Nema 5-15 R (15A Duplex)\*
- Nema L5-20 R (20A Twist-lock)
- Grounded Stage Pin
- Nema L5-15 R (15A Duplex Twist Lock)
- 120VAC Convenience Outlet

#### Mounting

- Ceiling/Wall
- Single Pipe
- Pipe Clamp
- Literig
- Custom



**Electronics Diversified, Inc.**

1675 NW Cornelius Pass Road • Hillsboro OR 97124 USA  
 (503) 645-5533 • (800) 547-2690 • FAX: (503) 629-9877  
 www.edionline.com

**Product Datasheet**

**P155**

February 2005

### Mechanical Characteristics

<b>Physical</b>	1.75" W x 2.5" H x 36" L (7.8cm x 6.6cm x 91.4cm)
<b>Material</b>	Panel Grade .080 Aluminum formed and reinforced
<b>Weight</b>	8.5 lbs. (3.9 kg)
<b>Finish</b>	Paint, black polyurethane enamel (standard) White or Custom Color (optional)
<b>Legends</b>	Silk-screened graphics

### Electrical Characteristics

<b>Power</b>	120/240 VAC Changeable Automatic 50/60Hz Detection
<b>Operating Environment</b>	Temperature range: 32° F. (0° C) to 104° F. (40° C). Humidity range: 0% - 90% non-condensing
<b>Dimmer Capacity</b>	4 x 600 Watts or 2 x 1200 Watts (2400 watts total)
<b>Signal Protocol Indicator</b>	USITT DMX-512 LED (amber)
<b>Auto Hold</b>	7.5 minutes
<b>Load Types</b>	Incandescent or Quartz Lamps Magnetic Transformer Low Voltage Dimmable Electronic Transformer Low Voltage*
<b>Rise Time</b>	250µs 10-90%
<b>Switch Type</b>	Plug-in SCR Solid State Relay
<b>Isolation Voltage</b>	2500V
<b>Surge Current</b>	250 Amp Peak, 1 cycle
<b>Fused Output</b>	Four 6.25 Amp or two 10 Amp 3 AG Ceramic Fuses
<b>Input Lead</b>	12/3 SO Cord, 36"
<b>Optional constant 120VAC non-dim convenience outlet available</b>	

\*Designed for dimmable electronic low-voltage fixtures. Consult factory for additional compatibility information.

### Legend (600W)

- |                                     |  |   |
|-------------------------------------|--|---|
| 1. Optically Isolated DMX-512 Input | 5. DMX-512 Termination                       | 8. Dimmer Test Buttons and Output LED's |
| 2. Power Input Cord                 | 6. DMX-512 Starting Address                  | 9. DMX-512 Pass-Thru Output Connector   |
| 3. Dimmer Outputs                   | 7. Power, DMX 512, & Overtemp LED Indicators |   |
| 4. Output Fuses                     |  |   |

