



SCRimmer Stik

FEATURES

- Available in Two 1200 Watt or Four 600 Watt Dimmer Configuration
- Solid, reliable SCR control
- Thermal Sensor with LED
- Toroidal Filter Chokes designed for quiet operation w/575w lamps
- 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 scroller power supplies
- UL, C-UL Listed



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 SCRimmer Stik™ fit into any environment.

ORDER INFORMATION

Color Options

- Black (Standard)
- White
- Custom

Power Options

- 120V
- 240V

Input Connections

- 20 amp Parallel Blade
- 15 amp Parallel Blade
- Grounded Stage Pin
- No connector

Output Connections

- NEMA 5-15R (15A Duplex)
- NEMA L5-20 R (20A Twistlock)
- Grounded Stage Pin
- NEMA L5-15R (15A Duplex Twistlock)
- 120VAC Convenience Outlet

Mounting

- Ceiling / Wall
- Single Pipe
- Pipe Clamp
- Litterig
- SCRimmerUp
- Custom

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Catalog#	Project
Prepared by	Date



SCRimmer Stik

ELECTRICAL CHARACTERISTICS

Input Power

120/240 VAC Changeable Automatic 50/60Hz Detection

Operating Environment

Temperature range: 32° F. (0° C) to 104° F. (40° C).
Humidity range: 0% - 90% non-condensing

Signal Protocol

USITT DMX-512 (1990)
Indicator: LED (amber)
DMX loss/Auto Hold: 7.5 minutes

Dimmers

Switch type: Plug-in SCR Solid State Relay
Capacity: 4 x 600 Watts or 2 x 1200 Watts (2400 watts total)
Rise Time: 250µs 10-90%

Load Types

Incandescent or Quartz Lamps
Magnetic Transformer Low Voltage
Dimmable Electronic Transformer Low Voltage*

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

Isolation Voltage

2500V

Surge Current

250 Amp Peak, 1 cycle

Output Circuit Protection

Two 10 Amp or Four 6.5Amp 3AG Ceramic Fuses

Input Lead

12/3 S0 Cord, 36"

MECHANICAL CHARACTERISTICS

Dimensions

1.75" W x 2.5" H x 36" L (7.8cm x 6.6cm x 91.4cm)

Material

Panel Grade .080 Aluminum formed and reinforced

Weight

8.5 lbs. (3.9 kg)

Finish

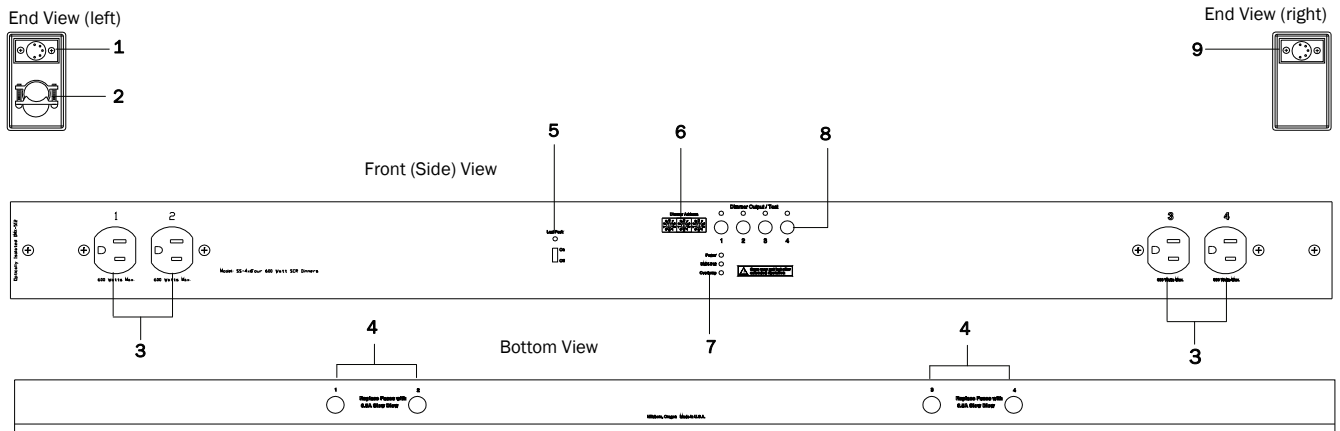
Paint, black polyurethane enamel (standard) White or Custom Color (optional) Brushed Aluminum (optional)

Legends

Silk-screened graphics

LEGEND (600W)

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



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