



SCRimmer Stick Wireless

Features

- UL, C-UL Listed
- Up to 300' Range*
- Built-In Test Buttons
- Toroidal Filter Chokes
- 900 MHz Wireless Control
- Up to 192** DMX Address
- Modular SCR's with Chokes
- Individual Dimmer Test Buttons
- 120/240 Volt, 50/60 Hz Switchable
- FCC Part 15 Compliant-No License Required
- Available in Four 600 Watt or Two 1200 Watt Configurations



Description

Save Energy and Money at the Same Time

The SCRimmer Stik Wireless 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.

Ease of Use

Take the SCRimmer Stik Wireless out of the box and plug it into any 110/240 VAC outlet. The SCRimmer Stik Wireless comes with a power cord and connector rated for 20 amps. The SCRimmer Stik Wireless 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.

Forget the Cable!

The SCRimmer Stik Wireless is effective within a 300' radius in line-of-sight distance from the transmitter. Upon receiving the wireless DMX signal, you will have total control of the dimmers without any DMX cable. Any number of Wireless Stiks may be used in a system. The SCRimmer Stik Wireless also has the ability to operate with traditional DMX-512 cable.

Add More DMX-512 Devices--or More Stiks!

In addition to the dimmers, each SCRimmer Stik Wireless has a DMX output connector which can transmit up to 192 DMX-512 addressable channels. This allows for additional dimmers, scrollers, smoke machines and other devices to be controlled remotely without having to run a separate cable.

Power the Loads

Connect any incandescent or quartz load into each outlet. Overload conditions are protected at the outlets to avoid common failures.

Create the Look

With the DMX Controller on line, the SCRimmer Stik Wireless is ready to respond to your command. The lamp output is smooth and even, without flickering or stepping.

* Transmission distance may vary depending upon installation conditions and other sources of RF interference.

** Radio packet size is selectable for either 96 or 192 channels. The packet starting address may be set to any valid DMX-512 address.

Order Information:

Wireless

SCRimmer Stik:

- ☐ Black*
- ☐ White
- ☐ Custom Color

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 5-15R (15A Duplex)*
- ☐ Nema L5-20R (20A Twist-lock)
- ☐ Grounded Stage Pin

Mounting:

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

* Standard

† Line Voltage Field Changeable,
Automatic 50/60Hz Detection

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PRODUCT DATA SHEET
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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.

It's Serviceable

The SCRimmer Stik Wireless 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.

Mechanical Characteristics:

Physical:	1¾" W x 2¾" H x 43" L (7.8cm x 6.9cm x 109.2cm)
Material:	Panel Grade .080 Aluminum formed and reinforced
Weight:	9 lbs. (4.1 kg)
Finish:	Paint; Black (standard) White or Custom Color (optional)
Legends:	Silk-screened graphics

Signal:

Protocol:	USITT DMX-512
Indicator:	LED (amber)
Auto Hold:	7.5 minutes

Electrical Characteristics:

Power:	120/240 VAC Switchable Automatic 50/60Hz Detection
Operating Environment:	Temperature range: 32° F. (0° C) to 104° F. (40° C). Humidity range: 0% - 90% non-condensing
Dimmer Capacity:	4 x 600 Watts or 2 x 1200 Watts (2400 watts total)
Load Types:	Incandescent or Quartz Lamps Magnetic Transformer Low Voltage Dimmable Electronic Transformer Low Voltage*
Rise Time:	250µs 10-90%
Switch Type:	Plug-in SCR Solid State Relay
Isolation Voltage:	2500V
Surge Current:	250 Amp Peak, 1 cycle
Fused Output:	Ceramic 6.25 Amp (4)
Input Lead:	12/3 SO Cord, 36"

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

Wireless Transmitter



Mechanical Characteristics:

Physical:	1¾" W x 2¾" H x 8¾" L (7.8cm x 6.9cm x 22.2cm)
Material:	Panel Grade .062 Aluminum formed and reinforced
Weight:	1½ lbs. (0.68kg)
Finish:	Paint; Black (standard), White (optional)
Legends:	Silk-screened graphics
Frequency:	900MHz Band, Part 15 Compliant
Signal:	Continuous transmission, encoded DMX-512Data packet 50Hz update (96 dimmers) 25Hz update (192 dimmers)
Packet:	96 or 192 dimmers with CRC Error checking
Antenna:	0° - 90° swivel, 360° rotation
Power:	9V, 300 mA

Specifications subject to change without notice. Specification applicable to standard products only.
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Patents Pending
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