Solid Apollo LED
Where light meets perfection

CE Certified | RoHS compliant | 12-24 VDC | DRY LOCATION | COLOR CHANGING — RGB-W — | DIMMABLE

DATA SHEET
RGB-W RS-232 LED CONTROLLER
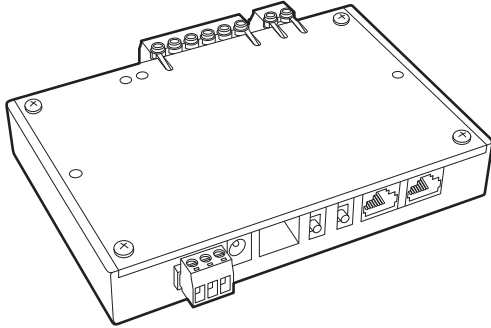SKU: SA-CTRL-RS232

Product Description

The RS-232 controller is an expandable LED controller that interfaces with controllers using RS-232 serial commands. The RS-232 comes ready to control single color, RGB, and RGB-W lighting fixtures and includes built in color changing programs.

Thanks to its internal RGB-W 4 Channel Interface it's now very easy to control any color changing LED lights through RS-232 Interface. The controller includes a host of different features for expanding the system, from using LED lights, to controlling incandescent lights, to utilizing control from iPads and using relays to control the RS-232 controller.

The lightweight 3D printed composite body features a metal cover and is easy to use with simple screw down terminals and holes for mounting screws.
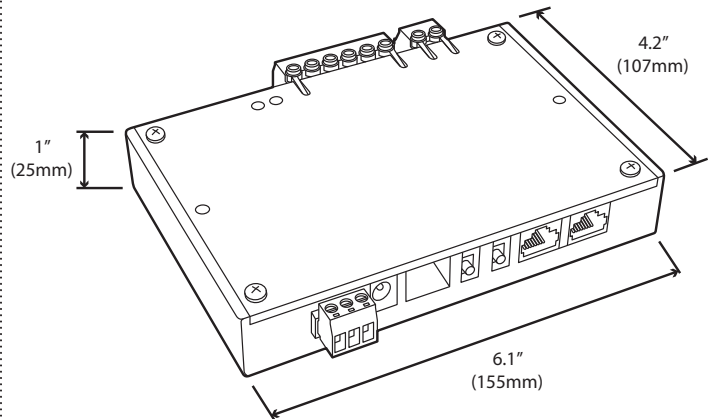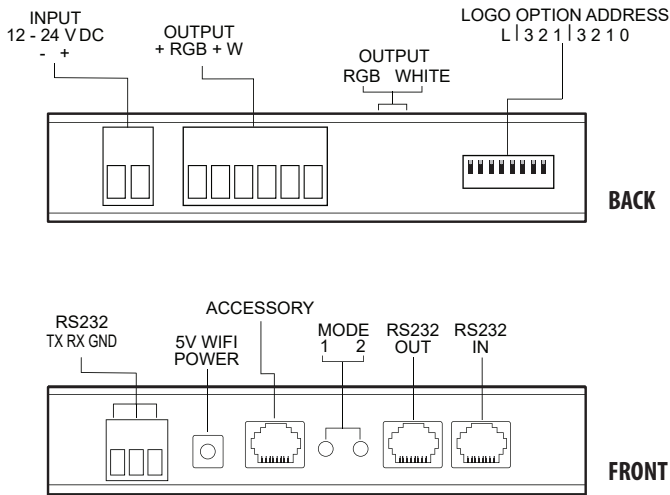
- Directly Use Software with RS-232 Connectors
- Control Single Colors, RGB and RGB-W Lights
- Control LED direct from 2-way RS-232 Serial Commands
- 4 Channels
- Built In Color Changing Light Scenes

- Expandable for Use with iPad, iPad Mini and Relays
- Reverse Polarity Protection
- Works with Magnetic Transformers
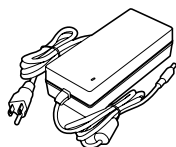- Built In Memory Remembers Last Setting

Quick Spec.

• **Input Voltage:**	12-24V DC		• **Dimensions:**	L:6.1", W:4.2", H:1"		• **Product Material:**	Composite Housing
• **Max Power:**	672W@24V DC, 336W@12V DC		• **IP Rating:**	IP20		• **Working Temp:**	-13º to 158º F
• **Max Amp:**	7A per Channel		• **Control System:**	RGBW and RS-232		• **Certifications:**	CE, RoHs,
• **Warranty:**	3 Years		• **RGB Channels**	3			
• **Weight:**	0.7 lb		• **Product Color:**	Black			

Technical Diagrams

INPUT 12 - 24 V DC - +
OUTPUT + RGB + W
OUTPUT RGB WHITE
LOGO OPTION ADDRESS L | 3 2 1 | 3 2 1 0
BACK

RS232 TX RX GND
5V WIFI POWER
ACCESSORY
MODE 1 2
RS232 OUT
RS232 IN
FRONT

4.2" (107mm)
1" (25mm)
6.1" (155mm)

Companion Products

LED Power Supply 24V-DC-6.25A-150W
SKU: SA-PS-24V-6A-150W

Super Warm White ULTRA High CRI 2835 72W
SKU: SA-LS-ULTRA-SWW-2835-900-24V

RGB 5050 72W
SKU: SA-LS-RGB-5050-300-24V