Solid Apollo LED
Where light meets perfection

CE Certified | RoHS compliant | 12-36 VDC | DMX | COLOR CHANGING RGB-W | DIMMABLE

DATA SHEET
PROAV 4 CHANNEL DMX TO RGB-W LED DECODER
SKU: SA-CTRL-DMX-RJ45-4CH
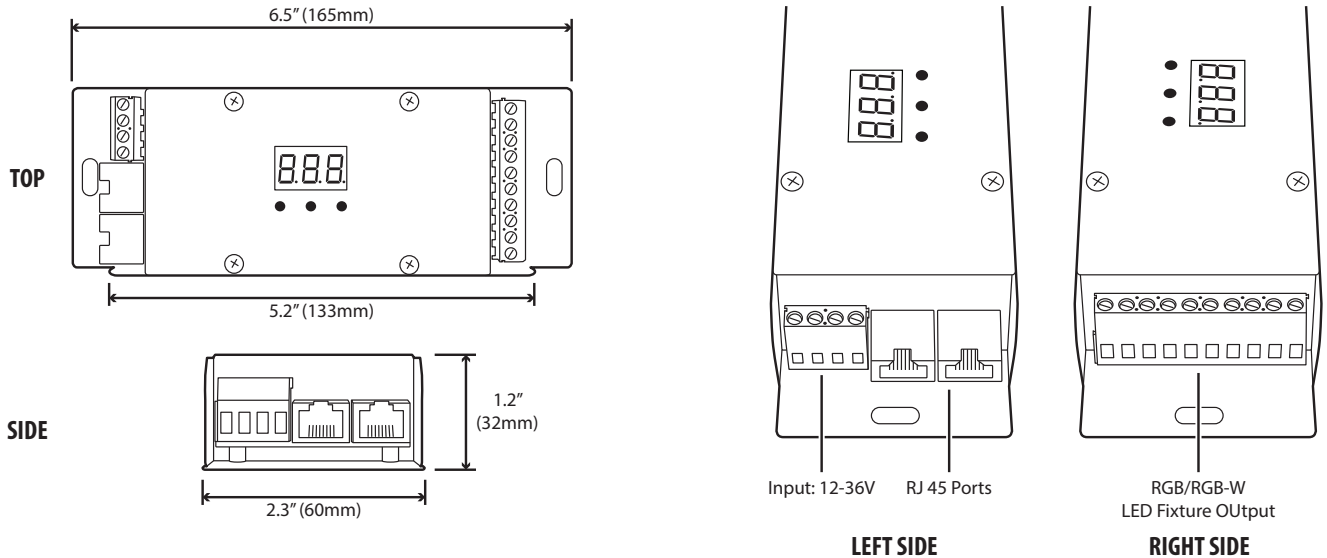

Product Description

Solid Apollo's 4 Channel DMX to RGB-W Decoder is an excellent affordable choice for lighting and video professionals who require a smooth color changing effect without a noticeable refresh rate. It converts DMX512 signal to RGB-W and is highly configurable with several adjustable settings. These settings can be easily adjusted with the LED screen to give you the best output for your application. The settings include DMX address setting from 001 to 512, output frequency of 200Hz or 1500Hz (perfect for flicker-free performance), linear and logarithmic dimming, and the option to combine output channels. This heavy-duty decoder has a sturdy metal housing with mounting tabs on each side for a secured installation. The output screw terminals are robustly designed to carry an 8A load each, giving the decoder the ability to drive up to 768W at 24V DC and 384W at 12V DC. Designed for easy connectivity with an RJ45 input/output port, it is easy to daisy chain multiple decoders together or connect the decoder to a DMX console using an adapter such as Solid Apollo's RJ45-XLR adapter.

- Converts DMX512 Signal to RGBW
- RJ45 Input / Output Ports for Easy Cascading with Multiple Decoders
- Quality Metal Housing with Built-in Mounting Tabs for Easy Installation
- Crisp LED Numeric Display Screen with Buttons for Easy Configuration

- Fully Functional On a Wide Voltage Input Range of 12V to 36V DC
- 4 X 8A Output Channels Drive 384W at 12V DC and 768W at 24V DC
- Output Refresh Rates of 200Hz and 1500Hz. The 1500Hz Gives a Flicker-Free Performance
- Ability to Merge all Output Channels or Set Them To Use Separately
- Linear and Logarithmic Dimming Options to Choose for Your Application
- Easily Daisy-Chainable with Amplifiers to Create an Unlimited Output
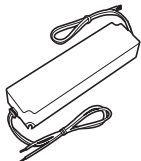
Quick Spec.

• **Dimmable:**	Yes	• **Dimensions:**	6.5"x2.3"x1.2"	• **DMX Channels:**	3
• **Input Voltage:**	12-36V DC	• **IP Rating:**	IP20	• **Product Color:**	Black
• **Max Power:**	384W to 1152W	• **Control System:**	DMX512	• **Product Material:**	Metal
• **Max Amp:**	8A per Channel	• **PWM Refresh Rate:**	200HZ and 1500Hz	• **Working Temp:**	-4 - 122F
• **Warranty:**	3 Years	• **Dimming Curve:**	Linear and Logarithmic	• **Certifications:**	CE, RoHs
• **Weight:**	0.75 lb	• **RGB Channels:**	4		

Technical Diagrams

TOP

6.5" (165mm)

5.2" (133mm)

SIDE

1.2" (32mm)

2.3" (60mm)

Input: 12-36V   RJ 45 Ports

LEFT SIDE

RGB/RGB-W
LED Fixture OUtput

RIGHT SIDE

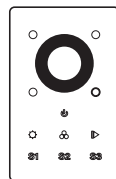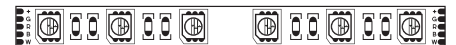## Companion Products

Hard Wired LED Power Supply 24V-DC-100W
SKU: SA-PS-24V-4.2A-100W

Duet DMX & Wireless RGB-W In-Wall Controller
SKU: SA-CTRL-DMX-GLASS

RGB+Daylight White 5050 72W
SKU: SA-LS-RGB-DW-5050-300-24V