

DATA SHEET

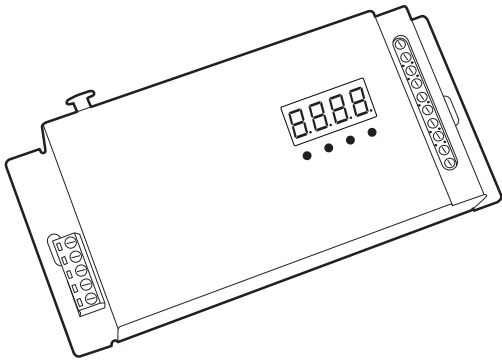
# PROAV 5 CHANNEL DMX & RDM TO RGBWA DECODER

SKU: SA-CTRL-DMX-RGBWA-PROAV

## Product Description

Solid Apollo's 5 Channel DMX512 and RDM Decoder is a state of the art high end Decoder that converts DMX and RDM signal to RGBWA. It is robustly designed with 5 Channels of 8 Amps each for a total of 192W per channel at 24V DC. Equipped with both white and amber output channels besides RGB, this product is an excellent choice for using RGB with white or amber to offer a much wider range of color creation in the thousands including subtle pastel colors. The DMX512 & RDM Decoder has a built-in digital display for easy setting or configuration adjustments. This decoder offers the best and most reliable configurations for a quality and flicker free lighting display on audiovisual applications. It is a recommended and top choice for lighting and video professionals who require a perfectly smooth color changing and zero noticeable refresh rate. Compared to similar products in the market, Solid Apollo's DMX512 & RDM Decoder offers a larger selection of DMX in/out signal options including XLR5, RJ45, or detachable screw down connectors allowing connection to any type of DMX fixture, console, or other DMX Products.

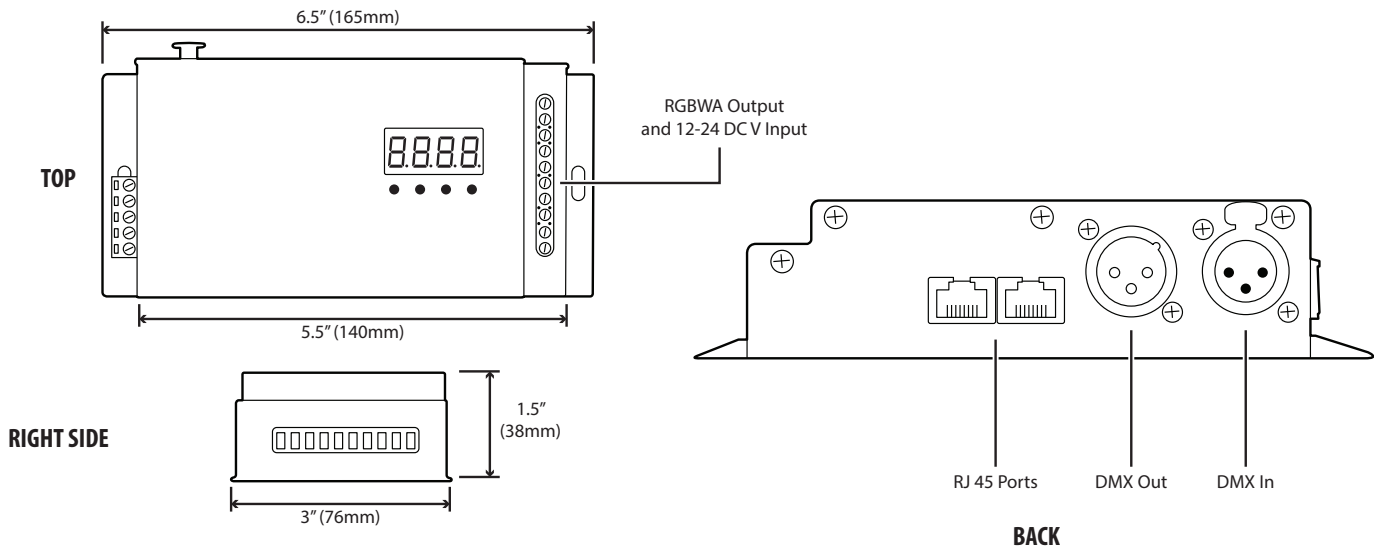
- Converts DMX Signals to RGBWA
- Great for Audiovisual applications
- UL listed product for safety and durability.
- Flicker-free output performance
- Bright LED Display for easy setup
- Selectable 8-bit or 16-bit PWM ratios
- Adjustable Gamma Dimming Curves
- Input/output connections: RJ45, XLR and Screw-down Terminal
- Adjustable PWM Frequency (500Hz - 30000Hz)
- Fully Adjustable micro-dimming
- 12-24V DC Operation
- 5 X 8Amps channels
- Max power of 960W at 24V DC



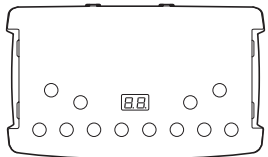
## Quick Spec.

• <b>UL Listed:</b> UL Listed E477171	• <b>Weight:</b> 0.85 lb	• <b>Channels:</b> 5
• <b>Dimmable:</b> Yes	• <b>Dimensions:</b> 6.5"x3"x1.5"	• <b>DMX Channels:</b> 512
• <b>Input Voltage:</b> 12-24V DC	• <b>Control System:</b> DMX512	• <b>Product Color:</b> Black
• <b>Max Power:</b> 480W@12V & 960W@24V	• <b>PWM Refresh Rate:</b> 500 - 30000Hz	• <b>Product Material:</b> Light Weight Metal
• <b>Max Amp:</b> 8A per Channel	• <b>Dimming Curve:</b> 0.1 - 9.9 Gamma	• <b>Working Temp:</b> -4 - 122F
• <b>Warranty:</b> 3 Years	• <b>Resolution:</b> 8-bit / 16-bit	• <b>Certifications:</b> CE, RoHs, UL Listed

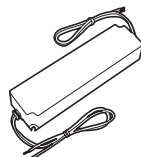
## Technical Diagrams



## Companion Products



**DMX LEDMotion Stand Alone 512**  
SKU: SA-CTRL-25



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



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