StudioPro DMX Digital Decoder

High Capacity Decoder With Digital Display

This decoder is highly configurable and features a convenient digital display. The display allows the setup of DMX addresses without the use of DIP switches. It can also change the PWM frequency and dimming curve to suit your project’s specific needs. This decoder features a standalone mode, which allows it to function without the need for any additional software. Additionally, the standalone mode can be used to set the decoder as a master controller when paired with other decoders.

- 12 or 24 channels
- 3 or 6 terminal blocks with 4 channels each
- 5 amps per channel maximum sustained power
- 12 or 24 VDC input and output
- Digital readout legibly displays the DMX address, which is useful in dimly lit rooms
- Easily change DMX address without DIP switch math
- Converts standard DMX signal to PWM output suitable for driving 12 or 24 VDC LED lighting
- Standalone mode – no software required
### Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>DMX-12-30K-5A</th>
<th>DMX-24-30K-4A</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power (W)</strong></td>
<td>480 or 960</td>
<td>480 or 960</td>
</tr>
<tr>
<td><strong>Finish</strong></td>
<td>Black</td>
<td>Black</td>
</tr>
<tr>
<td><strong>Length (mm)</strong></td>
<td>165</td>
<td>265</td>
</tr>
<tr>
<td><strong>Width (mm)</strong></td>
<td>110</td>
<td>120</td>
</tr>
<tr>
<td><strong>Height (mm)</strong></td>
<td>39</td>
<td>40</td>
</tr>
<tr>
<td><strong>Warranty</strong></td>
<td>1 year</td>
<td>1 year</td>
</tr>
<tr>
<td><strong>Voltage (DC)</strong></td>
<td>12 or 24</td>
<td>12 or 24</td>
</tr>
<tr>
<td><strong>Input Current (mA)</strong></td>
<td>65,000</td>
<td>96,500</td>
</tr>
<tr>
<td><strong>Rating</strong></td>
<td>UL Recognized, CE, RoHS</td>
<td>UL Recognized, CE, RoHS</td>
</tr>
</tbody>
</table>

**Temp Range:** -20°C to +50°C

**DMX Decoder Mode:**
- 1-2-3-4- LED Output 1
  - V+ R- G- B- W-
- 5-6-7-8- LED Output 2
  - V+ R- G- B- W-
- 9-10-11-12- LED Output 3
  - V+ R- G- B- W-
- 13-14-15-16- LED Output 4
  - V+ R- G- B- W-
- 17-18-19-20- LED Output 5
  - V+ R- G- B- W-
- 21-22-23-24- LED Output 6
  - V+ R- G- B- W-

**DMX Female Signal:**
- Pin 1: GND
- Pin 2: D-
- Pin 3: D+

**DMX Male Signal:**
- Pin 1: GND
- Pin 2: D-
- Pin 3: D+

**PRI:**
- Uin=12-24VDC
- Iin=96.5A
- TEMP RANGE:-20°C to +50°C

**SEC:**
- Uout=24x(12-24)VDC
- Iout=24x4A
- Pout=24x(48-96)W