Features

- Web configurable
- Firmware updateable
- Supports the following DMX over Ethernet protocols:
  - Art-Net
  - Streaming ACN (sACN)
  - ESP
  - KiNET
- Configurable Static or Dynamic (DHCP) IP (DHCP by default).
- Netmask and gateway updateable
- Up to 8 ethernet universes support (maximum of 4 universes per output port)
- Configurable pixel colour ordering.
- Monitors device temperature
- Monitors and displays the network traffic
- Easily extendable network - daisy chain ethernet connection up to a maximum of 50 devices
- Compatible with CLK LED Tapes
- White Pixel Order compatibility
- 35 mm DIN mountable
- Flexible wiring configurations
- Executes live effects on the fly
- Save dynamic effects created as a presets for quick access.
- User-friendly interface to create and execute live effects on the fly
- Aluminium Enclosure
- Top view indicator lights and button
- Pluggable terminal blocks
- Dual Spring 35mm DIN rail brackets
Wiring Diagrams

**POWER CONNECTION (POWER INPUT TERMINALS)**

**POWER CONNECTION (VCC TERMINAL)**

**POWER CONNECTION (USING TERMINAL SPLITTERS)**

**MULTIPLE LED POWER INJECTION**

**MULTIPLE LED TAPE SECTIONS**
Safety

- This unit is intended for indoor use only.
- Do not expose this device to rain or moisture, doing this will void the warranty.
- Make all connections before powering on
- Do not remove the cover, there are no user serviceable components inside.
- Never plug this unit into a dimmer pack
- Ensure input voltage is within the specified limits
- Ensure this device functions within the recommended operating temperature

Physical Dimensions

### Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>71520</td>
<td>Pixel Octo</td>
</tr>
</tbody>
</table>

### Specifications

<table>
<thead>
<tr>
<th>Item</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Voltage</td>
<td>4-60V DC</td>
</tr>
<tr>
<td>Maximum Power consumed</td>
<td>5W</td>
</tr>
<tr>
<td>Supported Protocols</td>
<td>ArtNet, sACN, KiNET, ESP</td>
</tr>
<tr>
<td>Output Protocols</td>
<td>WS2811, WS2812, WS2812B, WS2813, WS2815, SK6812, TM1804, TM1812, TM1814, APA-102, APA-104, 9PDOT (8–16bit)</td>
</tr>
<tr>
<td>Maximum Pixel count/output (RGBW)</td>
<td>512 RGBW pixels</td>
</tr>
<tr>
<td>Maximum Pixel count/output (RGB)</td>
<td>680 RGB pixels</td>
</tr>
<tr>
<td>Maximum DMX footprint/output</td>
<td>2048 channels</td>
</tr>
<tr>
<td>Connectors</td>
<td>2 x 4Pin Output phoenix, 1 X 2Pin Power In, 2 X RJ 45</td>
</tr>
<tr>
<td>IP Rating</td>
<td>IP 20</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-10 °C to 60 °C</td>
</tr>
<tr>
<td>Relative Humidity</td>
<td>5-95% (non-condensing)</td>
</tr>
<tr>
<td>Weight of device (In kg)</td>
<td>0.25 kg</td>
</tr>
<tr>
<td>Dimensions (in mm)</td>
<td>103 (L) x 69 (W) x 58 (H)</td>
</tr>
</tbody>
</table>

Due to continuous improvements and innovations of all ENTTEC products, specifications and features are subject to change without notice.