

LED Driver

LED Pixel Driver Boxes

Scenex Lighting Pixel LED drivers are all in one solutions for controlling LED Pixel tape and pixel strings. The PP4 LED driver box features a rugged low profile 1U case with multiple mounting points, designed to fit neatly under stage deck surfaces, rack mounted or truss mounted. For LED control, there are 4 outputs connecting directly to the LED tape, with up to 200 Watts of power.



PP4

The larger PP16 LED driver comes in a 2U rack mounted housing, and features 16 LED tape outputs, and a larger power supply of 800 Watts. The PP16 also has multiple points for truss hanging.

Scenex Lightings' LED drivers utilize industry standard sACN E1.31 and Art-Net protocols to control a wide range of pixel types, with each output configurable to control multiple DMX universes.

Outputs are individually fused to protect against the possibility of damage to the main driver. Both LED drivers feature fully auto sensing power supplies, ranging from 90-240V, 50/60Hz. Additional power injection ports are standard on each unit to accommodate extended lengths of LED tape.

For control, an intuitive web server is built in for easy setup of the pixel type, universe and DMX address of each individual port. Other features include pixel grouping, universe spanning, RGB color order and more.



PP16

Product Features

- Simplified wiring; each output supplies data and power to pixels over a single cable
- Control of multiple pixel strings simultaneously
- Any output can drive any number of pixels over multiple universes up to the full capacity of the driver
- Control of up to 2,040 individual pixels using Unicast E1.31 or Art-Net, and 1,190 pixels using Multicast E1.31
- Universe assignment up to 12 Universes
- Ethernet connection eliminates need for hardware “dongles” and special data wiring
- Power and Ethernet present indicators
- Multiple pixel types supported
- All configuration and status reporting is done using the built-in web server
- Temporary IP address override for built in web server access
- Advanced configuration options included RGB color order, string length, pixel grouping, pixel type, reversed and zig-zag strings, ‘null’ pixels, DMX addressing range, universe spanning, gamma correction, and more
- Data and power outputs are individually fused
- Built-in test patterns

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Scenex Lighting PP4 LED Driver

- 4 output ports utilize data and power via standard 4 pin XLR connectors
- Supported pixels include: LPD6803, LPD880x, WS2801, TM180x, TLS3001, CYT3005, DMS9813, WS2811, 1903, 9813, WS2801
- Power output: 5V DC / 40 Amp output
- Power input: 100 – 240VAC, 50/60 Hz
- 2 additional power injection outputs
- Durable steel casing
- 1U Rack Mount
- Dimensions: 1.75 in x 17.25 in x 8.25 in / 45 mm x 440 mm x 210 mm
- Weight: 8 lbs. / 3.7 kg
- 2 x clamp attachment points
- Forced air cooling
- Operating temperature: 32-104°F / 0-40°C



Scenex Lighting PP16 LED Driver

- 16 output ports utilize data and power via standard 4 pin XLR connectors
- Supported pixels include: LPD6803, LPD880x, WS2801, TM180x, TLS3001, CYT3005, DMS9813, WS2811, 1903, 9813, WS2801
- Power output: 5V DC / 160 Amp output
- Power input: 100 – 240VAC, 50/60 Hz
- 4 additional power injection outputs
- Durable steel casing
- 2U Rack Mount
- Dimensions: 3.5 in x 17.25 in x 16 in / 90 mm x 440 mm x 408 mm
- Weight: 22 lbs. / 10 kg
- 4 x clamp attachment points
- Forced air cooling
- Operating temperature: 32-104°F / 0-40°C

