LED CTRL | SX

INTRO

The SX slave is used in conjunction with the MX96 Master and receives X-Data through normal ethernet cable and RJ45 connectors. It converts X-Data into a pixel ready data stream that supports a huge amount of pixel protocols. The slaves can be configured in a multitude of ways making them perfect for every pixel project.

With wide range input of 5v-24v DC and up to 30A total output (7.5A / output) they are capable of running a huge amount of channels, 6,144 (12 universes) to be precise, which can be evenly split over 2 or 4 pixel outputs.

CONFIGURATION OPTIONS

OPERATING SPEC:

- Input:
  - Power: 5v - 24vDC
  - Connection: Ethernet (RJ45)
  - Protocol: X-Data
- Output Connection:
  - IP40 Connection: Screw Terminal
  - IP65 Connection: Plug Play option
  - Protocol:
    - Pixel Data
    - TLS3001, SM16716, LPD6803, WS2801, WS2811/12/12B/13/18, APA102/104, TM180x, MBI6020, INK1003, SK6812, UCS1903, UCS2903, UCS2904, MY9221, MY9231.
  - Amps:
    - Condensed: 7.5A x 2 Outputs (total 15A)*
    - Expanded: 7.5A x 4 Outputs (total 30A)*
  - *Mini Blade - Fused Outputs
- Operating Temp:
  - -40°C - +80°C
- Storage Temp:
  - -50°C - +150°C

CONFIGURATION OPTIONS (MX/SX SYSTEM)

- One Pixel Protocol per MX96
- Configurable RGB/W Order
- Gamma Correction
- Clock Speed Adjustment
- Test Mode
  - None (Reads Live Data)
  - RGBW Cycle
  - Select Colours (Red / Green / Blue / White)
  - Select Custom Colour
  - Colour Fade
- Start Universe and Start Channels
- Number of Pixels / Output
- Null Pixels
- ZigZag Patch
- Pixel Buddying (Pixel Groups)
- Set Global Intensity Levels at Controller Level
- Reverse Patch

LED CTRL