PIXEL CONTROL SYSTEM · TOURING

KG3 PXL-CTRL-4



Road-ready pixel control in a sealed touring case: power, data, and network in one box.

A complete **24V pixel control package**: an Advatek PixLite A4-S Mk3 and a 600 W auto-switching supply in a sealed case. Four powered NL4 outputs drive up to **4,080 RGB pixels** from one TRUE1 feed and one network drop.

- 4 × powered NL4 outputs, 1,020 RGB pixels each
- sACN, Art-Net, or DMX512 in/out
- 24 universes, 90+ pixel protocols
- 600 W auto-switching PSU, 100-240 VAC in, 24 VDC out
- powerCON TRUE1 in/thru, 2 × etherCON in/thru

4 OUT	4080 px	24 univ	600 W	24 VDC
POWERED NL4 OUTPUTS	MAX RGB PIXELS	ART-NET / SACN	PSU CAPACITY	OUTPUT VOLTAGE

SIZING THE BOX TO THE RUN

Each output carries up to **1,020 RGB pixels** and 7 A. Output count, not pixel count, usually decides how many boxes a job needs: plan one output per run and keep the total draw inside the 600 W supply.

PHYSICAL SPECIFICATIONS

Controller	Advatek PixLite A4-S Mk3
Power Supply	600 W auto-switching
Enclosure	Sealed Apache 2800 case
Panels	Custom stainless (KG3)
Pixel Outputs	4 × Speakon NL4
Power In / Thru	powerCON TRUE1
Network	2 × etherCON (in / thru)
Operating Temp	-20°C to +70°C

ELECTRICAL SPECIFICATIONS

Output Voltage	24 VDC
AC Input	100-240 VAC, 50/60 Hz
PSU Capacity	600 W
Current per Output	7 A
RGB Pixels / Output	1,020
RGB Pixels Total	4,080
Universes	24 (Art-Net / sACN)
Protocols	sACN / Art-Net / DMX512
Pixel ICs	90+ (incl. WS2811)

STANDALONE & PROTECTION

SHOWTIME STANDALONE
Records sACN / Art-Net to the onboard microSD card and plays shows back with no console on site

SMART FUSING
Per-output electronic fusing with automatic recovery after a fault clears

Specifications subject to change without notice