PWM DIMMER RACK · TOURING

KG3 PWM-RACK-24



Twenty-four RGB+CCT outputs on Speakon NL8 in one rolling rack, driven by DMX.

A rolling **24V PWM dimmer rack** for non-pixel LED. Five 25-channel DMX decoders and two 1,500 W supplies drive **24 Speakon NL8 outputs** of RGB, RGBW, or RGB+CCT tape and neon from one 5-pin DMX line.

- 24 × NL8 outputs, RGB / RGBW / RGB+CCT
- 5 × 25-channel DMX decoders, 125 channels
- 4 A per channel, high-frequency PWM
- 3,000 W at 24 VDC from two supplies
- 5-pin DMX in/thru, NEMA L21-30 power inlet

24 OUT	125 ch	4 A	3000 W	24 VDC
NL8 OUTPUTS	DMX CHANNELS	PER CHANNEL	PSU CAPACITY	OUTPUT VOLTAGE

ONE NL8 PER FIXTURE

Each NL8 carries **+24V and five color channels**: red, green, blue, cool white, and warm white. RGB and RGBW fixtures use the same outputs with fewer channels. Every channel is rated 4 A.

PHYSICAL SPECIFICATIONS

Outputs	24 × Neutrik NL8
Decoders	5 × 25-channel DMX
Power Supplies	2 × 1,500 W
DMX	5-pin XLR in / thru
Power Inlet	NEMA L21-30
Case	8RU shock rack on casters
NL8 Pinout	+24V, R, G, B, CW, WW

ELECTRICAL SPECIFICATIONS

Output Voltage	24 VDC
PSU Capacity	3,000 W
Current per Channel	4 A
Channels per Output	Up to 5 (RGB+CCT)
DMX Channels	125 (5 × 25)
Modes	Static to RGB+CCT
PWM	High frequency, 25 kHz+
Control	DMX512

CONTROL & CABLING

DMX PASS-THROUGH
Built-in DMX splitter: one line in, thru to the next rack or fixture

ONE CABLE PER FIXTURE
Each NL8 carries power and all five color channels on one locking cable

Specifications subject to change without notice