

# PWM LED INTERFACE

## 4 / 8 CH | 24V

*Designed and manufactured in the UK, the Zico Lighting PWM DMX LED driver offers four controllable PWM outputs for managing LED loads connected to a single supply within the 12-24V DC range.*

Item number: ZL-D-PWM4 | ZL-D-PWM8

Multiple supply configurations are possible, provided the unit is powered from the highest supply voltage within 12-24V range (see overleaf).

The start address for controlling DMX data can be set between 1 and 512, with data configurable to control the four outputs using one, two, or four DMX addresses. Each output is rated and protected at 5A, allowing for configuration as 1 channel at 20A, 2 channels at 10A, or 4 channels at 5A.

If selected, the RJ45 DMX In connector also provides a 100mA +5V supply for powering a variety of DMX controlled devices.

- Provides 500Hz PWM control for up to four channels of constant voltage LED lighting.
- Individual overcurrent and short circuit protection on each output.
- Full DMX addressing range.
- One, two or four decoded DMX addresses to control the outputs.
- Standard RJ45 DMX In and Through connectors.
- Phased PWM outputs reduce peak loading on power supplies when dimming.
- 16 bit dimming provides extremely smooth stepless dimming and selectable linear and square law dimming laws.
- Selectable fast (~5Hz) and slow (~1Hz) responses.
- Synchronised outputs for higher current rating circuits.
- DMX data hold on DMX disconnection.



Built to match the performance and reliability requirements of the broadcast industry, Zico Lighting control systems provide the quality, scalability, ease of installation, customization and affordability demanded by integrators and specifiers for hospitality, retail and residential projects.

Our products as well as the technologies behind them are subject to continuous improvements.  
All specification is subject to change without notice. Please refer to our website for the most up to date information.

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### SPECIFICATIONS

Operating Voltage	12-24V dc with power supply matched to load circuits
Temperature	0-40°C
L x W x H (mm)	158 x 70 x 25 (Length includes 2 x 13mm flanges)
Weight	Net 300g / Gross 400g

### CONTROLS

DMX input on RJ45 connector for Category 5 data and supply cable.

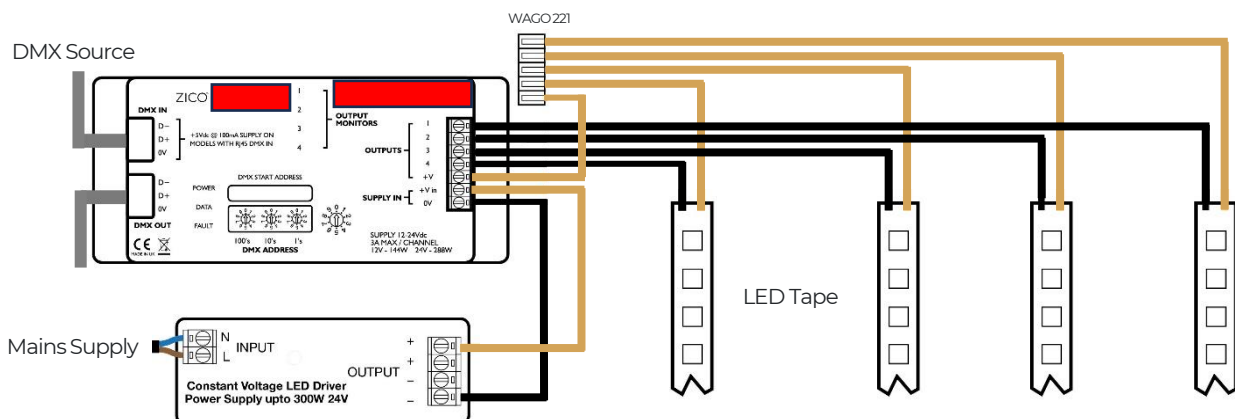
Use Cat 5 shielded cable in electrically noisy environments

### OUTPUT

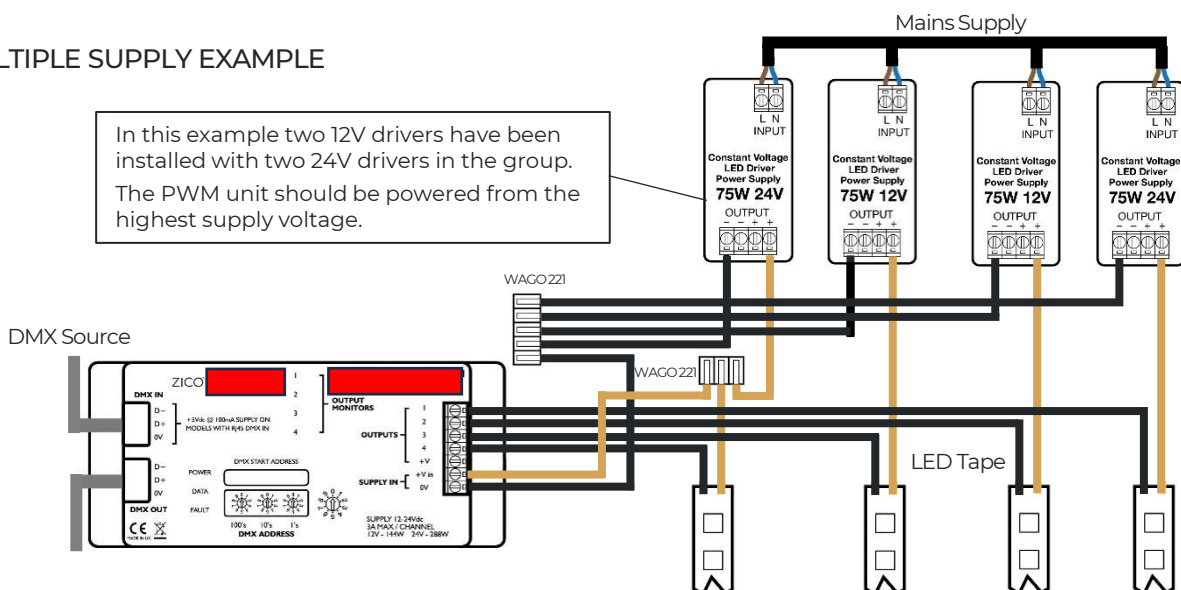
- Four or eight PWM controlled outputs for common anode LED connection
- Outputs rated and protected to 5A rating per channel
- RJ45 'Data in' connector provides +5V, 100mA dc supply

**CAUTION: DO NOT HOT WIRE.** Ensure all connections to driver are in place before powering up.

### SINGLE SUPPLY EXAMPLE



### MULTIPLE SUPPLY EXAMPLE



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