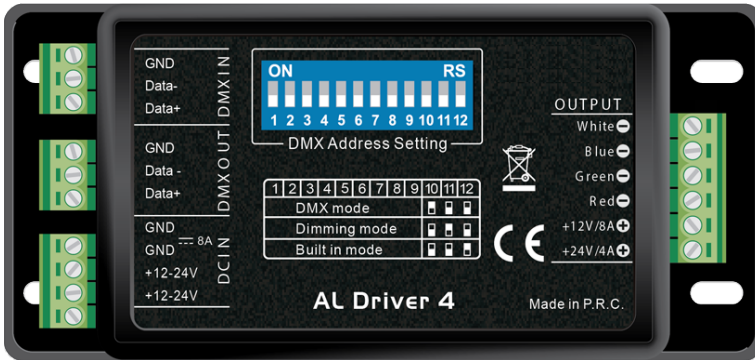


PROJECT  FIRM  ORDER #  TYPE  QTY



**AL Driver 4™** is a four channel PWM dimming driver for low voltage LED products. Using a DC input from 12 to 24V, AL Driver 4 can control RGBW Flex tape up to a total maximum load of 96W.

The connected Flex tape can be controlled using an external DMX input or alternatively, where external control is not required, you can manually set a static color mix or configure a chase sequence.

## At a glance

<b>Power input</b> 12 to 24VDC 96W maximum	<b>Outputs</b> Four channel PWM dimming	<b>Temperature</b> 14° F to 122° F -10° C to 50° C	<b>Protection</b> Ingress: IP20 (dry location)	<b>Operation modes</b> DMX control    Standalone color mix    Standalone chase
--	--	--	--	---

## Specifications

Power input	12-24VDC
Output	Four channel PWM dimming, 0-100%
Output power	96W maximum
Control input protocol	DMX
Material / finish	Black polycarbonate
Ambient temperature range	14° F to 122° F (-10° C to 50° C)
Ingress protection	IP20, dry location
Impact protection	IK06, protection against 1 joule impact
Fixture connectors	Removable multi-pin terminal blocks
Warranty	5 years, limited
Weight	1.6oz (45g)
Dimensions	See page 3
Certifications	



**Order code**  
**ALD004**

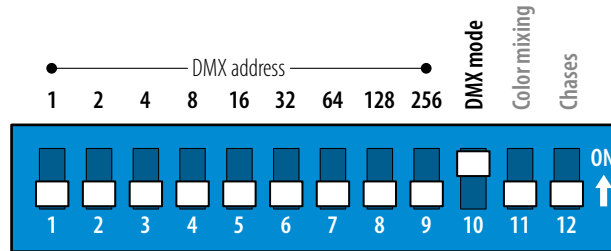
PROJECT \_\_\_\_\_ FIRM \_\_\_\_\_ ORDER # \_\_\_\_\_ TYPE \_\_\_\_\_ QTY \_\_\_\_\_

## Configuration

The AL Driver 4 is configured using its 12 way switch block. The three modes of operation are external DMX control, standalone color mixing or standalone chases.

### DMX control

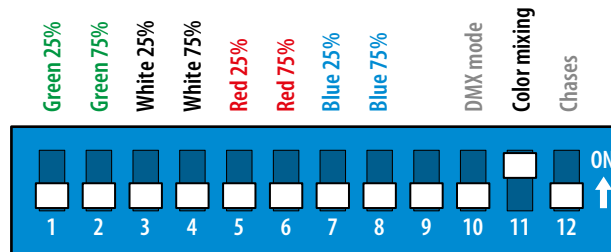
To select DMX control, ensure that switch 10 is ON, while 11 and 12 are OFF. Switches 1 to 9 are then used to set the DMX start address. Switches 1 to 9 are 'weighted' with a value as shown here:



*Note: Numerous apps are available to assist you with configuring the correct switch combinations for a given DMX address.*

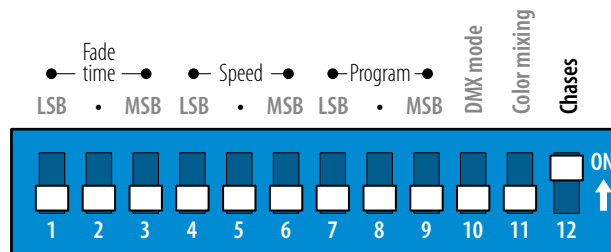
### Standalone color mixing

To select standalone color mixing, ensure that switch 11 is ON, while 10 and 12 are OFF. Switches 1 to 8 are then used to set the overall color mix. If both the 25% and 75% switches for any one color are set to ON, that color will be shown at 100%:



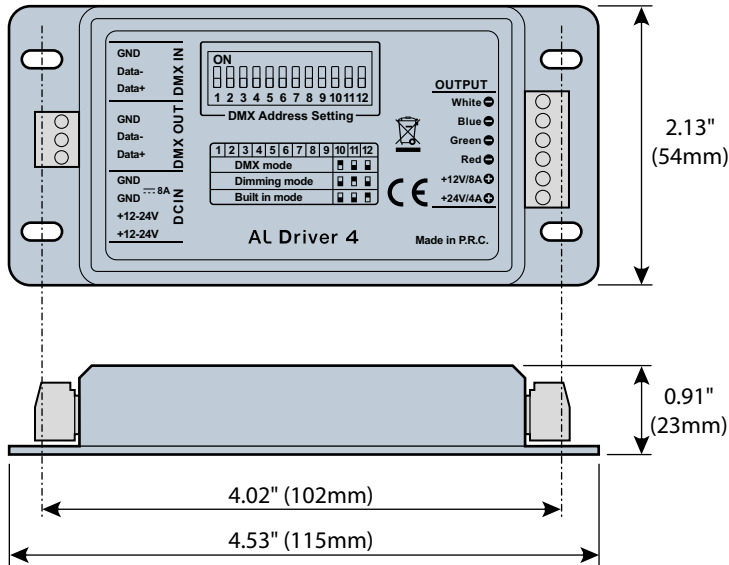
### Standalone chases

To select standalone chases, ensure that switch 12 is ON, while 10 and 11 are OFF. Switches 1 to 3 select the *Fade time* (0 to 100%); switches 4 to 6 adjust the *Speed* (0 to 30s) and 7 to 9 select the *Chase program* (9 chases).



PROJECT \_\_\_\_\_ FIRM \_\_\_\_\_ ORDER # \_\_\_\_\_ TYPE \_\_\_\_\_ QTY \_\_\_\_\_

## Dimensions



For full installation details, please refer to the **user guide**, available for free download here:

