

PX24500D 4 Channel x 5A DMX512 Decoder 4channel

SKU: F6011003-026

Summary

Welcome to use the px series dmx 512 decode drive. Px series adopts advanced micro computer-controlled technology to digitalize dmx-512/1990 standard the control signal is converted into an analog control signal. Select 1 - 4 output channels per channel implements level 256 control level. Can be used for computer digital output dimming table and analog ilicon box connection, construction and lighting for led lighting control of the use of the occasion.



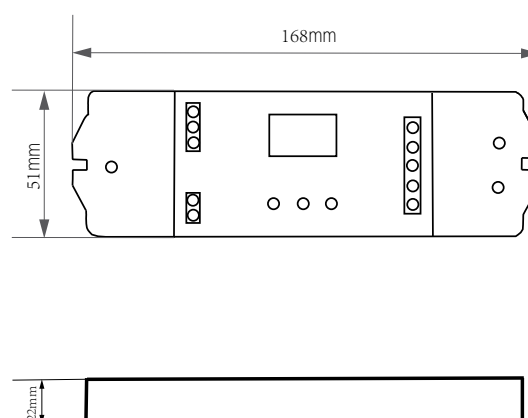
Product Characteristics

- ◆ Compliance with DMX 512/1990
- ◆ There are 4 channel outputs and Max. 5 A/CH output
- ◆ Decoder can diagnose and indicate DMX512 signal status (unconnected, suspended, normal), easy to use
- ◆ The DMX address can be set more easily by key.
- ◆ light color selected mechanism and can control the light with 1-4 colors.
- ◆ Class 256 brightness, full color control, control system, can express perfect effect
- ◆ Using logarithmic dimming curve to smooth the dimming effect
- ◆ To facilitate customer setup and use, the default address code is 1

Technical Parameter

Decoding channel:	4ch
Input signal:	dmx-512/1990 standard digital control signal
Output signal:	0~24v max 5a isolated drive output
Power supply:	dc power supply,12-24v
No-load consumption :	<1w
Power output :	<480w(24v);<240w(12v)
Working temperature :	20~50 C
equipment dimensions :	168(mm)*51(mm)*22(mm)
packing measurement:	171mm)*54(mm)*25(mm)
net weight :	160g
Gross weight :	180g
Lifetime:	50,000h
Warranty:	5 years

Dimension(mm)



- (1) DMX Signal Input Interface
- (2) Power Input Interface
- (3) Display LED
- (4) Keys for address settings
- (5) Driver output interface

Interface Specification

● DMX signal interface

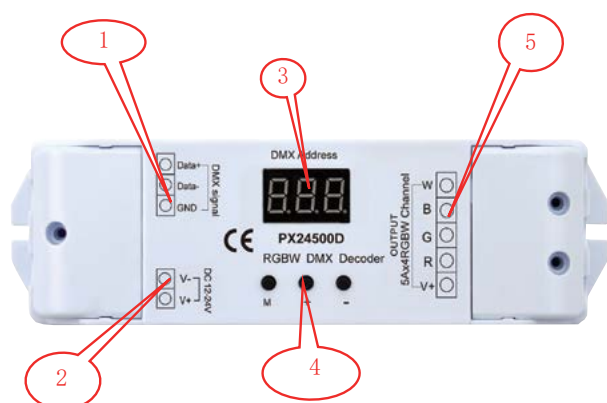
Note that the DMX signal polarity cannot be reversed, the DMX signal status display information as follows:

- 1, When the DMX signal line is not properly connected, the current address and - will be shown in a circular interval of 2 S;
- 2, When the DMX signal is paused, the current address and P will be displayed in a loop at intervals of 2S
- 3, When the DMX signal is normal, only the current address will be displayed

● Input Power Interface

DC 12/24V input to power the decoder itself and the lamps brought by the decoder

Interface Description



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● Address code setting button

The address code can be automatically stored, and the last storage address code can be automatically restored after the next power on.

1, key M, used to unlock or lock the address code, when normal use, the address code cannot be changed. The comma at the bottom right of the LED digital tube after long pressing this button 3S will be lit up to indicate the unlock status, at this time the address can be changed, after changing the address, after long pressing M key 2S or after not pressing any key 5S, the digital tube comma will disappear, indicating that the address code is locked and cannot be modified.

2, the button, for the address add, short press the address each time add up 1, long press the address code to flip quickly, shorten the setting time, the maximum address 511

3, the key -, for the address reduction, short by the address of each decline 1, long by the address code to quickly flip, shorten the setting time, the minimum address 0 Note: factory address code is set to 1 by default

● Drive output interface

Common positive drive, with a V interface and 4-channel R, G, B, W output interface, can be connected to a variety of full color module and monochromatic module, automatically adjust the output current according to the lamp module load.

Note:

The main line and the R, G, B and W control lines can be directly connected to the corresponding pin of the output interface of the decoder. The monochrome module can connect the main line to the V-pin of the output interface of the decoder, and the negative line to the output interface R, G, B and W of the decoder according to the color of the module.

system connection

