

Декодер DMX24500A (12/24V, 216/432W)

Welcome to use PX series DMX512 de-coder & driver.

PX series adopt the advanced micro-computer control technology and converted the DMX512/1990 digital signal widely used in international to the analog control signal.

1~3 channels output for option and each channel able to achieve 256 gradations of controlling. It is mainly used for the controlling of buildings & lights applied LED.



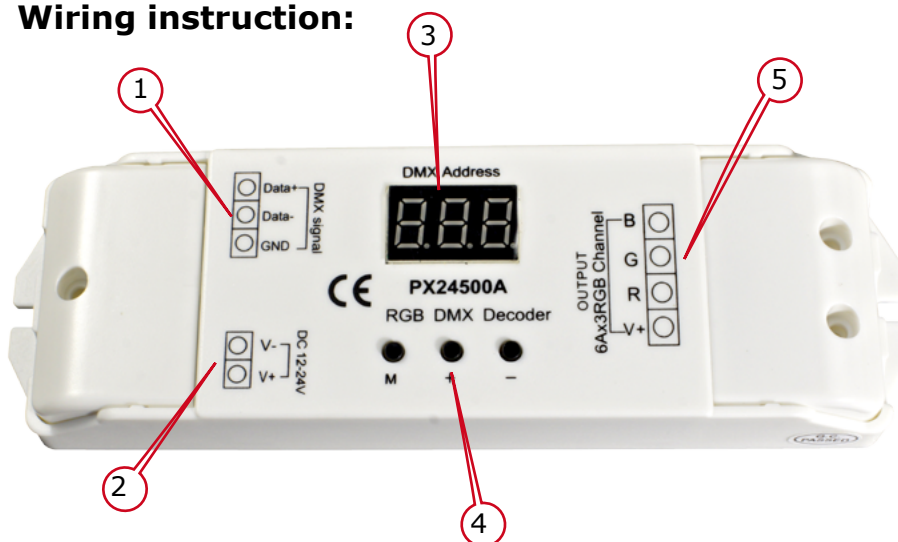
Features:

- Meets DMX512/1990
- With 3 channels output and Max.6A/CH output
- Decoder can Diagnose & Indicate DMX512 signal status(Not Connected, Pause, Normal), easy for using
- Can set the DMX address more easily by Keys
- With the light color selected mechanism, and be able to control the light with 1~3 colors
- 256-level brightness,full-color control,with control system,can express perfect effect
- Use Logarithmic dimming curve, smooth dimming effect
- For customer setup and use easily, the default address code is 1

Technical Parameter:

Decode Ch.	3Ch
Input Signal	DMX-512/1990 digital signal
Output Signal	can drive 6A max(Each CH.)
Power Supply	DC 12~24V
Power Dis.	<1W
Power Output	<432W(24V); <216W(12V)
Operating Temp	-20~50 °C
Size	168(mm)x51(mm)x22(mm)
Weight	160g

Wiring instruction:



- (1) DMX signal input interface
- (2) Power input interface
- (3) Display LED
- (4) Keys for address setting
- (5) Driver output interface

Installation Interface Description:

- **DMX signal interface**

Please pay attention to the polarity of DMX Signal. If DMX signal is not connected correctly, an error will be displayed.

- 1) The DMX signal is not properly connected, current address and --- will be displayed on LED by loop and interval 2S;
- 2) The DMX signal is paused, current address and P will be displayed on LED by loop and interval 2S;
- 3) The DMX signal is normal, current address will be displayed only;

- **Power input interface**

DC 12-24V input, supply power for decoder and the lamps it takes.

- **Address setting keys**

Address can be saved automatically, address can be recovered when next power on.

- 1) Key "M", used to lock or unlock address setting function, normally address can't be set. When long press this key for 3 seconds, the dot in the bottom right of LED will be on, used to indicate unlocked, you can change the address after setting address, long press the M key 2S or do not press any button 5S, the dot will be off, indicating that the address code is locked and can not be modified.
- 2) Key "+", used for add address number, short press address add 1 each time, long press address will be changed very fast, reduce setting time, the maximum address is 511.
- 3) Key "-", used for minus address number, short press address minus 1 each time, long press address will be changed very fast, reduce setting time, the minimum address is 0.

Remark: The default address code is 1.

- **Driver output interface**

Common anode, V+ and R,G,B interface can drive kinds of RGB module or single-color module, Can regulate output current according to the actual load.

Remark:

Connect the anode and RGB wire of common anode RGB module to the output interface of decoder directly;

Connect the anode wire of single-color module to V+ on decoder, and connect the cathode wire to one of RGB pin according to the LED's color; Connect several colors single-color module to one decoder, please connect their anode wires to V+ pin on decoder.