PRODUCT SPECIFICATION

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High Power DMX Decoder&driver
Model：PX24600

Meets DMX512/1990
Can drive 6A
Can drive many kinds of LED lamps

SUMMARIZE

Thank you for using PX series DMX512 decoder.With advanced micro-computer control technology,PX series convert the widely used DMX512/1990 signal to analog signal. Support DMX dimming function (prior) and 0~10V analog signal dimmer.

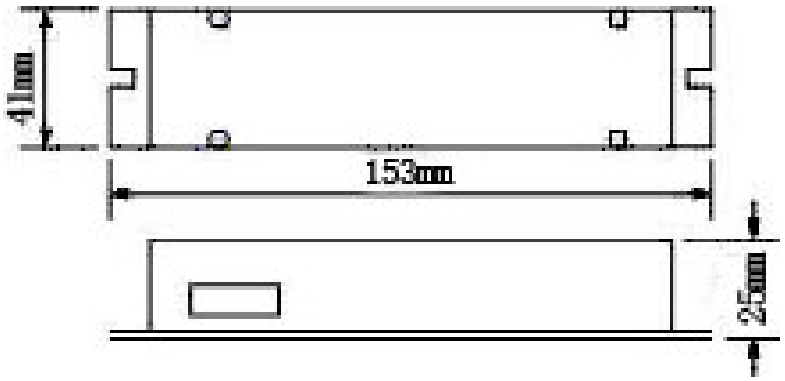
FEATHERS

- Meets DMX512/1990
- 1 output CH.,can drive 6A
- With control system,can express perfect effect
- Can set the DMX addess freely
- Modularizing,can be combined with LED module neatly
- Can be custom-made

TECH. CHARACTERISTICS

Decode CH.：	1
Input Signal：	DMX-512/1990 digital signal
Output Signal：	0~24V,can drive 6A
Power Supply：	DC12~24V
Power Dis.：	<1W
Power Output：	<144W
Operating Temp.：	0~70℃
Size：	L153(mm)*W41(mm)*H25(mm)，can be custom-made
Weight：	221.5g

DIMENSION



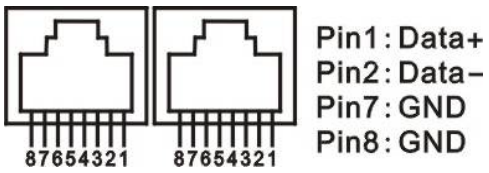
Appearance

(1) DMX signal input&output interface(RJ45)
(2) Address setting interface
(3) Driver output interface
(4) Power input interface
(5) 0~10V dimmer input interface

Interface Introduction

- DMX signal interface

RJ45



- Address setting interface
  How to use see "DMX Series Address Dip switch"

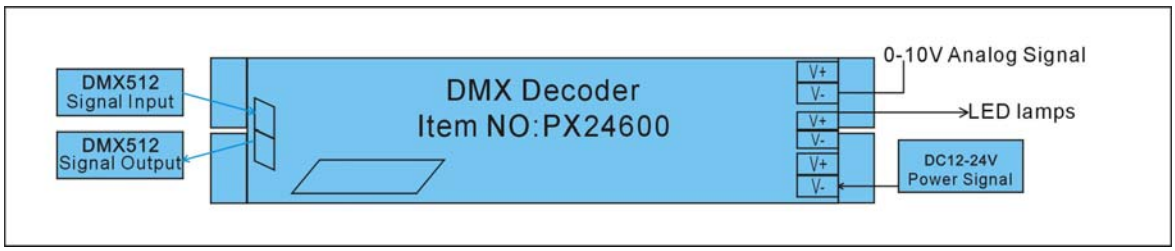
- Power input interface
  DC 12-24V input,supply power for decoder and the lamps it takes.

- Driver output interface
  Common anode,V+ and V- interface，can drive single-color module.
  Can regulate output current according to the actual load.Maximum shall not exceed 6A

remark:

Connect the anode wire of single-color module to V+ on decoder,and connect the cathode wire to V- on decoder.

TYPICAL APPLICATIONS



Connecting of DMX-512 Signal

- The wire for DMX signal is STP，the DMX signal has positive and negative signal. Pay attention to the polarity while soldering.Connect the positive signal,negative signal and GND to the corresponding signal of PX24600.

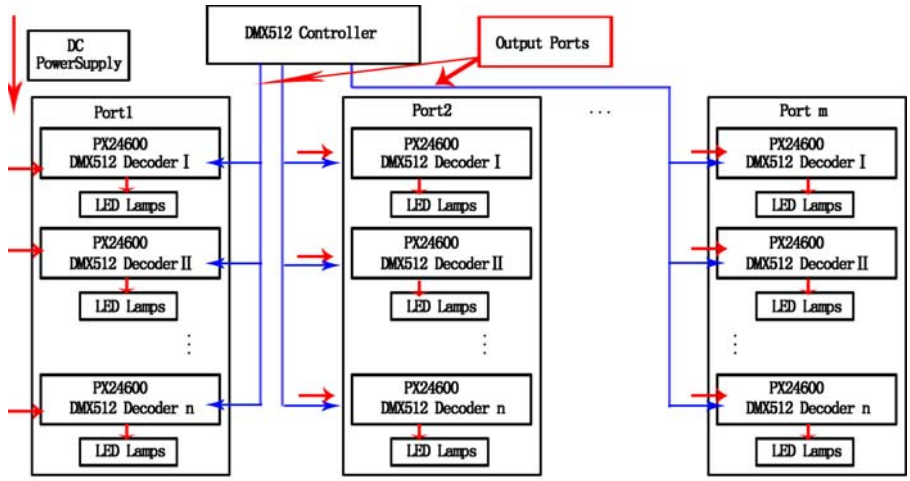
Connection with DMX-512 Dimmer

- DMX dimming signal will be choosen prior to 0~10V analoge signal. When both DMX and 0~10V analog signal terminals are pluged into PX24600, the controller will choose DMX signal automatically. If you need 0~10V analog signal only, please take off the DMX512 dimming signal terminal.

How To Use

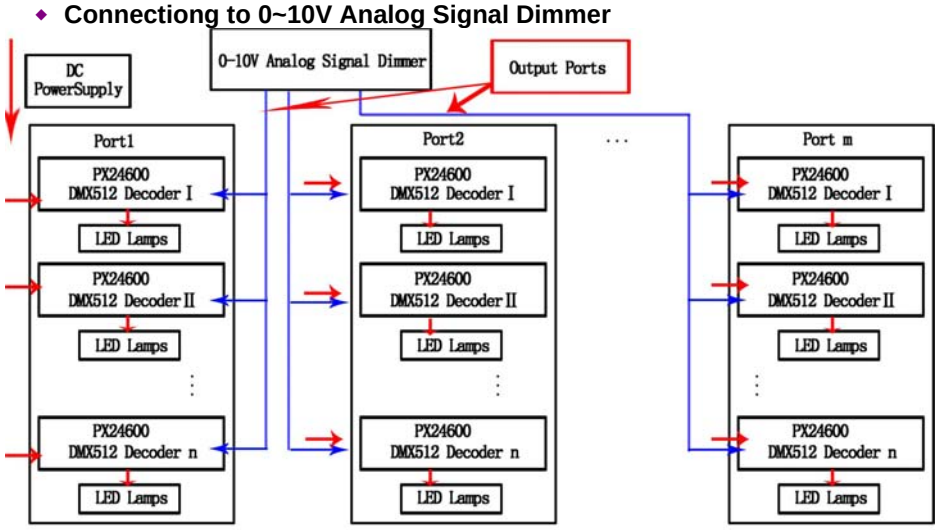
PX24600 is controlled by DMX-512 digital signal。The frontage is DMX512 transmitter，take EC-DMX512 for example,to control 0~24V analog devices.We suppose to drive LED to introduce it.The connecting is below：

- **Connectiong to DMX512 Controller**



Notes:
1. “m” is the amount of controller output port
2. “n” ia the max. amount of terinals for each port

- **Connectiong to 0~10V Analog Signal Dimmer**



Notes:
1."m"is the amount of controller output port
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