# PRODUCT SPECIFICATION


**DMX To 0-10V/1-10V Converter**

**Model：PX24608(RJ45 INTERFACE)**

Meets DMX512/1990

4 channel output, current 20mA max per channel

## SUMMARIZE

Thank you for using PX series of DMX512 Decoder. PX series adopt the advanced micro-computer control technology, it converts the DMX-512/1990 standard digital signal adopted widely in international to 0-10V/1-10V signal.4 Channels output, output driver 20 mA per channel.it can be used to control 0-10V/1-10V dimmer. It is mainly used for signal convert betwwen DMX Master and 0-10V/1-10V Dimmer.

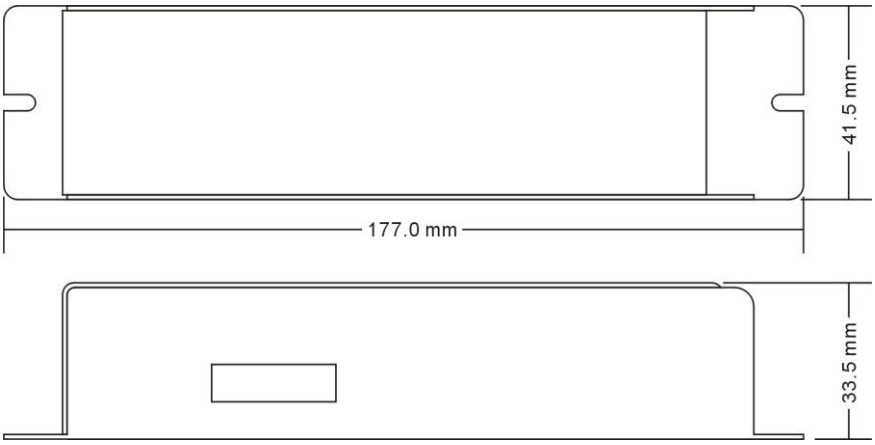
## Prouuct Features

- Meet the DMX512 international standard treaty
- 0-10V/1-10V analog signal output
- 4 channels output, output driver 20mA per channel
- Match the controll system, can achieve various changing effects
- With the lamp color selected mechanism, and be able to control the lamp with 1~4 colors;
- Can set the lamp DMX address freely
- Modularizing and can be matched with different LED module neatly

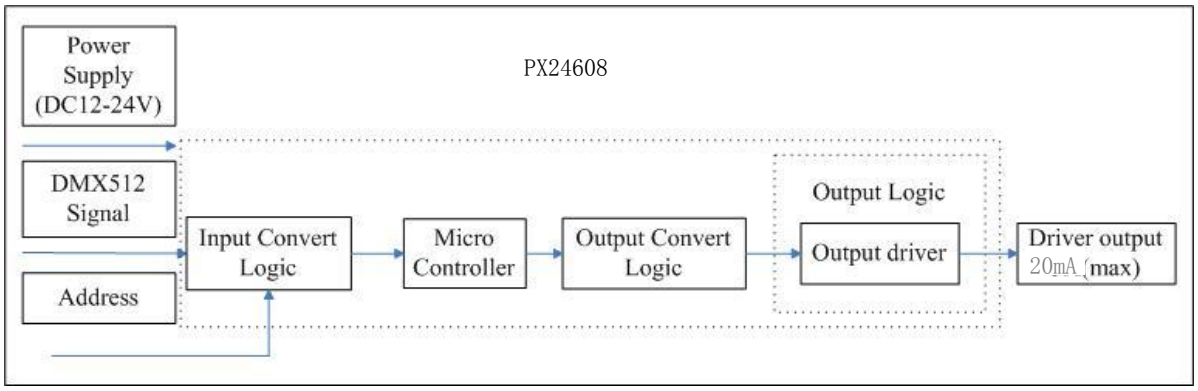
## Tech-parameter

| | |
|---|---|
| Decode CH. | 1-4 channels |
| Signal Input： | DMX-512/1990 International Standard Digital signal |
| Signal output： | 0-10V/1-10V analog signal dimming, max 20mA per channel |
| Power supply： | DC 24V |
| Work Temp. | -15~55℃ |
| Size： | L175(mm)*W41.5(mm)*H33.5(mm) |
| Packing size： | L180(mm)*W43(mm)*H38(mm) |
| Net Weight： | 242.5g |
| Gross weight： | 255g |

## DIMENSION



## Internal Block Digram



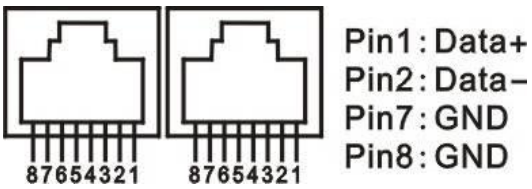

## Appearance


(1) 、(2) DMX signal input&output interface(RJ45)
(3) Address setting interface
(4) Driver output interface
(5) Power input interface

## Interface Introduction

- DMX signal interface

**RJ45**



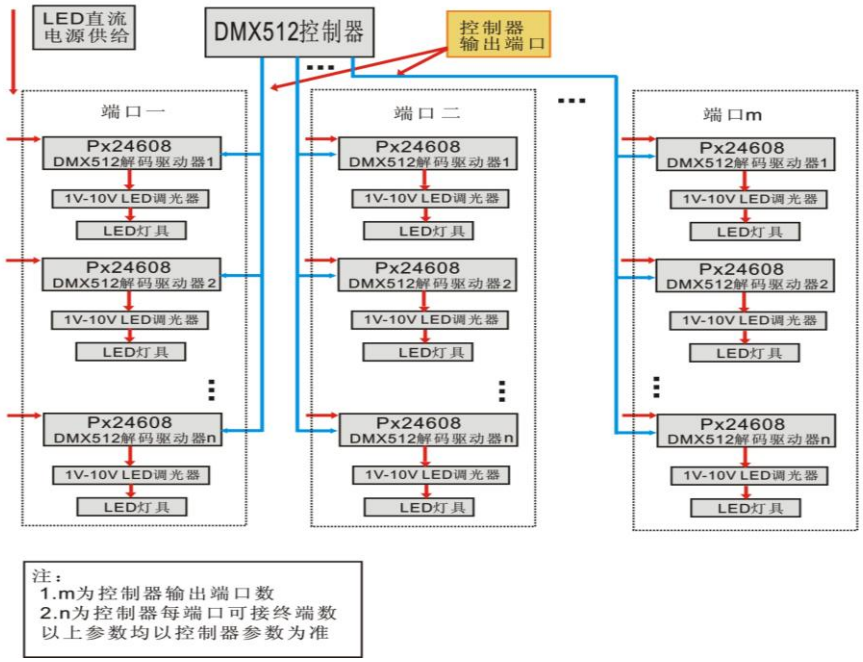

- Address code setting on/off
  Please see the operating instruction details as "DMX series of addresses dial code table "

- Power Input Interface
  DC 24V input，supplied power with the decoder and the lamps it takes.

- Driver output interface
  4 channels independent output active 0-10V/1-10V analog dimming signal

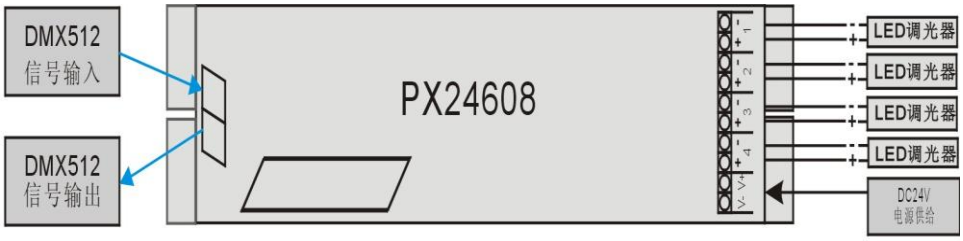
**Operating instruction**

PX24608 Decoder is controlled by DMX-512, and its fore-end connect with the DMX512 signal transmit device Take EC-DMX512 for example, its rear-end can connect with 0-10V/1-10V Dimmer. This instruction is only for signal converter. The connecting diagram is as following.




**TYPICAL APPLICATIONS**

- Circuit Diagram 1




**Connecting of DMX-512 Signal Cable**

- DMX signal cable used the CAT-5 cable，and DMX signal tells positive(+) from negative (-). While welding the DMX signal cable plug,there must pay much attention to know postive(+) from negative(-), and then connect the DMX512 signal cable with the corresponding input interface of PX24608 correctly.
- Connect a signal terminal at the end of the whole connetion.