PX24608

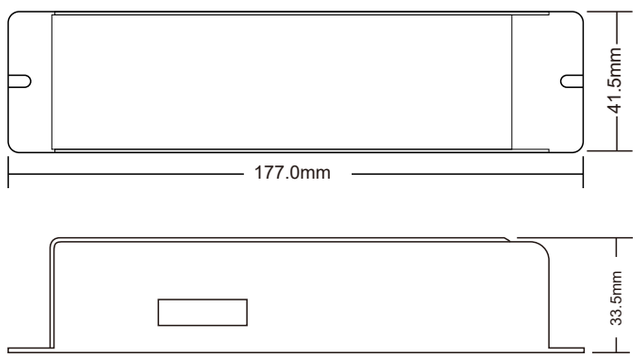
Summarize

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 50 mA per channel.it can be used to control 0-10V/1-10V dimmer It is mainly used for signal convert between DMX Master and 0-10V/1-10V Dimmer.

Product Features

- Meet the DMX512 international standard treaty
- 0-10V/1-10V analog signal output
- 4 channels output, output driver 50mA per channel
- Match the control 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

Dimension

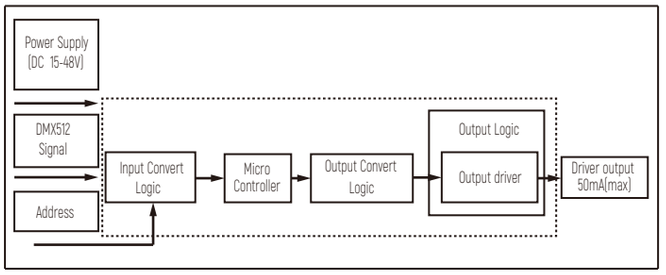


Tech-parameter

Decode CH	1-4 channels
Signal Input	DMX-512/1990 International Standard Digital signal
Signal output	0-10V/1-10V analog signal dimming, max 50mA per channel
Power supply	DC 15-48V
Work Temp	-15~55℃
Size	L177(mm)*W41.5(mm)*H33.5(mm)
Packing size	L180(mm)*W43(mm)*H38(mm)
Net Weigh	242.5g
Gross weight	261g

Appearance

Internal Block Diagram



(1)DMX signal output (RJ45)

(2)DMX signal output interface(RJ45)

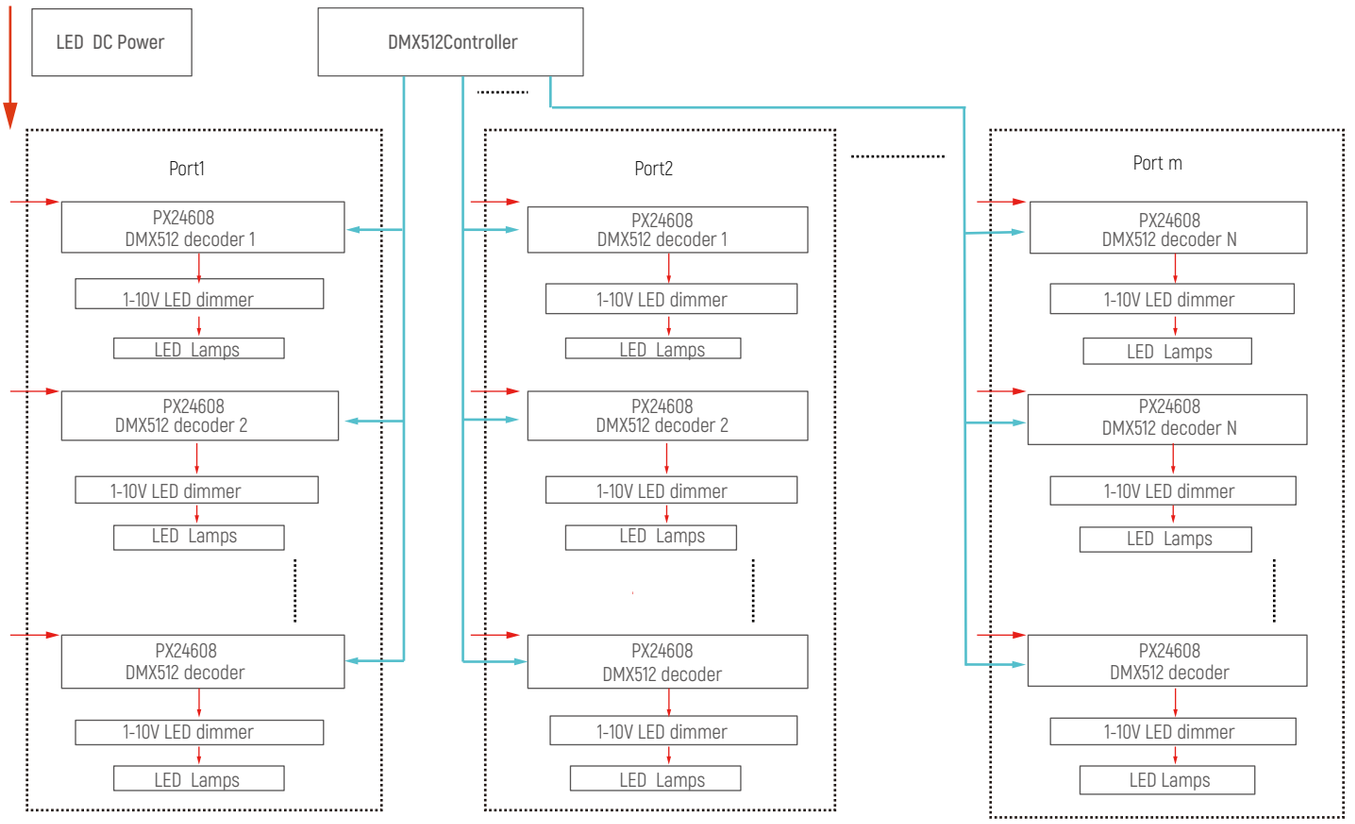
(3) Address setting interface

(4) Driver output interface

(5) Power input interface

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.



Notes
1"m"is the amount controller output port
2"n"is the max .amount of terminafs for each port

TYPICAL APPLICATIONS

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.

PX24608

概述

欢迎使用 PX系列 DMX512解码调光器。PX系列采用先进的微电脑控制技术，把国际上广泛采用的DMX-512/1990标准数码控制信号转换成0-10V/1-10V控制信号，4通道输出，每通道驱动能力50mA可用于连接0-10V或1-10V的调光驱动器，用于DMX主控和0-10V/1-10V解码器之间的信号转换。

产品特点

·符合DMX512国际标准协议

·0-10V或1-10V模拟调光信号输出

·4路输出通道，每路最大50mA驱动输出

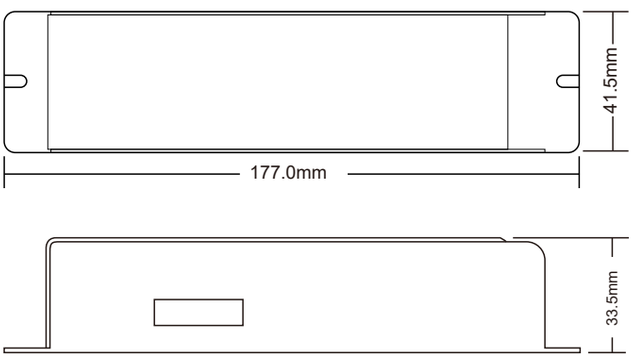
·配合控制系统，可实现丰富的变化效果

·4通道可以分别受控，可控制具有1~4种基本颜色的灯具

·可自由设定灯具的DMX地址

·模块化，可与LED灯具灵活组合

外观尺寸（mm）



技术参数

解码通道	1~4路
控制信号输入	DMX-512/1990 标准数码控制信号
输出信号	0~10V/1-10V模拟信号输出每通道最大50mA驱动能力
供电电源供电电源	直流电源, 15-48V
工作温度	-15~55°C
设备尺寸	L177(mm)*W41.5(mm)*H33.5(mm)
包装尺寸	L180(mm)*W43(mm)*H38(mm)
净重量	242.5g
毛重量	261g

设备外观

(1)DMX信号输入接口(RJ45)

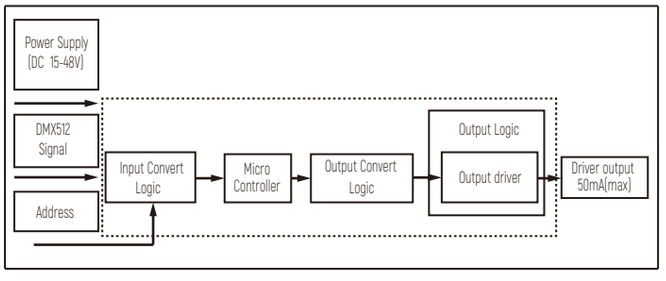
(2)DMX信号输出接口(RJ45)

(3)地址码设置开关接口

(4) 0-10V/1-10V调光信号输出接口(1-4)

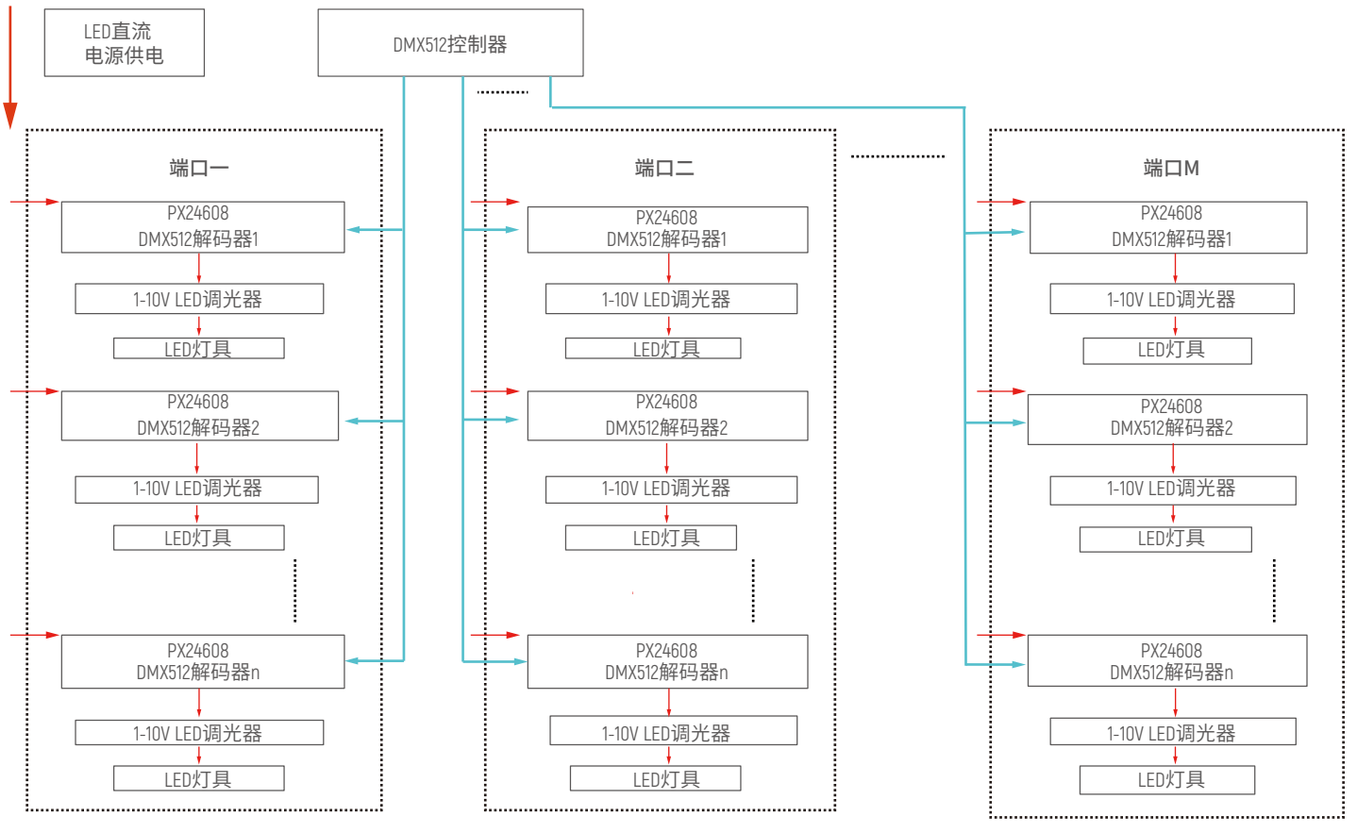
(5)电源输入接电源输入接口

结构图



使用说明

PX24608解码驱动器由DMX-512 数码控制方式控制。其前端接DMX512信号发射设备，此处以EC-DMX512为例，后端可接0-10V或1-10VLED调光器设备控制信号连接方法如下：



注：
1,m为控制器输出端口数
2，n为控制器每端口可接终端数
以上参数均已控制器参数为准

典型应用

电路一

DMX-512控制信号的连接

·DMX 信号电缆采用超五类双绞线（网线），DMX 信号分正、负端，在压接DMX 信号电缆插头时要特别注意极性。将DMX512控制器输出的信号正、信号负、信号地和PX24608的输入接口对应连接。

·整个线路结束时，应连接一个DMX信号终结器（将最后一个PX24608的拨码开关第十位拨下即可