



**General description**

Welcome to use PX703 DMX512 decoder. By adopting the advantage microcomputer control technology, PX703 could transform the standard digital signal into simulation signal. There are 3 channels of signal output, and 256 levels of grayscale for each channel. It can be connected with the digital dimming panel or simulation silicon box to control high power LED lamps.

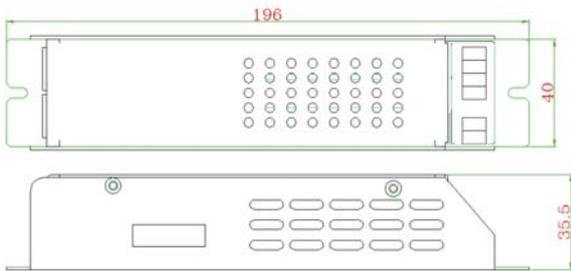
**Features**

- ◆ Meet DMX512(1990) Standard
- ◆ Dimming control of 256 levels of grayscale and full color driver
- ◆ 3 channels of constant current output (350mA/700mA)
- ◆ Various and colorful effect can be achieved by working with control system
- ◆ With various self-changing modes,speed and brightness changing.
- ◆ With color choosing fuction, it can control various lamps consist of RGB three colors.
- ◆ Mode, suspend power memory function
- ◆ Over-temperature protection, output short circuit protection
- ◆ Setting the lights DMX address freely
- ◆ Easy to connect with LED Lights
- ◆ Can be customized

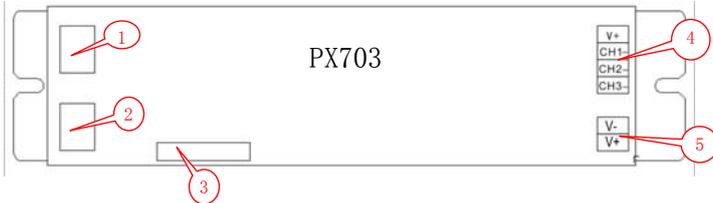
**Speifications:**

Chanel: 3  
 Signal input: DMX-512/1990  
 Signaloutput: 350mA/700mA±5%/CH  
 Power supply: DC12-48V  
 Working temp: 0~85℃  
 Size: 196(mm)\*40(mm)\*35.5(mm)  
 Weight: 286g

**Overall size:**



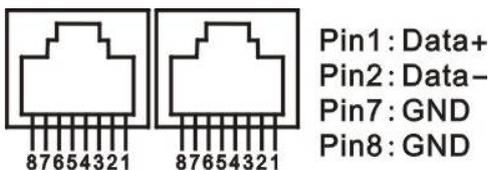
**Overview**



- (1) DMX signal input(RJ45)
- (2) DMX signal output(RJ45)
- (3) Address code setting switch  
 (Note: When DIP switch is set on Thenth "ON",Output current is 350mA;When set on "OFF",Output current is 700mA)
- (4) Decoder output
- (5) Power supply input

**Interface instruction**

- ◆ DMX interface

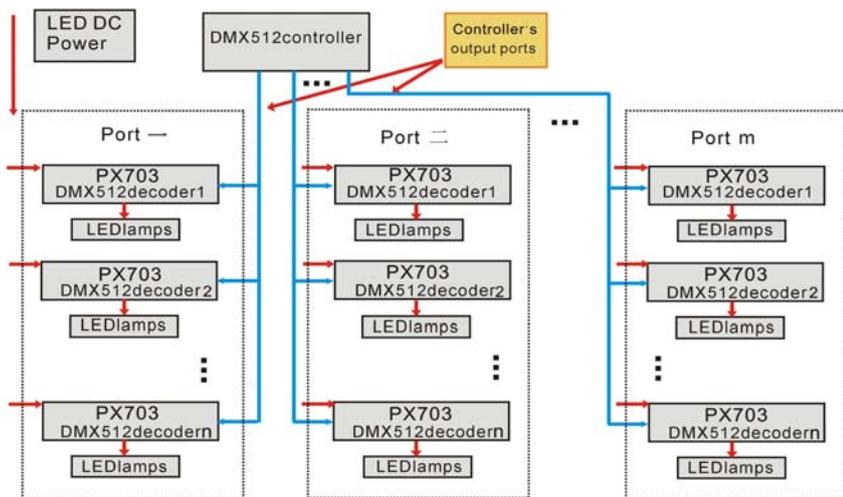


How to use See "DMX series address DIP switch"

- ◆ Power input DC12-48V

**How to use**

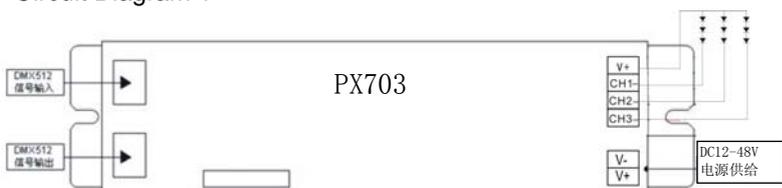
PX703 is controlled by DMX-512 controller, the connecting is as follows:



Notes:  
1. m is the amount of controller output port  
2. n is the max. amount of terminals for each port the upwards according to controller

**Typical applications**

- ◆ Circuit Diagram 1



**Connection of DMX-512 Signal**

- ◆ The signal cable is STP, the DMX signal is Data+, Data- and GND.
- ◆ Connect a signal terminal at the end of the whole connection.