

DMX512 signal amplifier



RE2501

The features of product

- ◆ RE2501 digital signal distributor is used to DMX512 digital lighting control signal for amplification and 1 channel distribution output, each input/output interface adopts high voltage isolation technology, applied to DMX512 signal via remote transmission attenuation after the plastic amplification processing, as well as various distribution output interface, between input interface and the distribution between output interface to complete electrical isolation use occasion. As a result of each interface between independent isolation, and it can be avoided by controlling circuit, scanner, silicon box problems and burned precision digital light console, to ensure the safe operation of digital light console, at the same time also guarantee DMX signal can normal transfer to all kinds of lighting equipment, so as to improve the whole digital lighting control system reliability.
- ◆ Signal types: DMX512, and the RS-485 interface of various digital signal transmission.
- ◆ Signals connected socket: input RJ45.
- ◆ Output RJ45, 3 PIN pressure buckle terminals.
- ◆ Input to output, output to output electrical isolation pressure: > 1000V.

The product specification

The power input: 12-24VDC

Channel: 1 channel

Segregation voltage > 1000 V

Power supply power consumption power:
<1.5W

The output power:-

Control mode/agreement: DMX512 signal

Control interface consumption: -

output frequency: -

Transmission rate: -

The light gray level:

Remote control: -

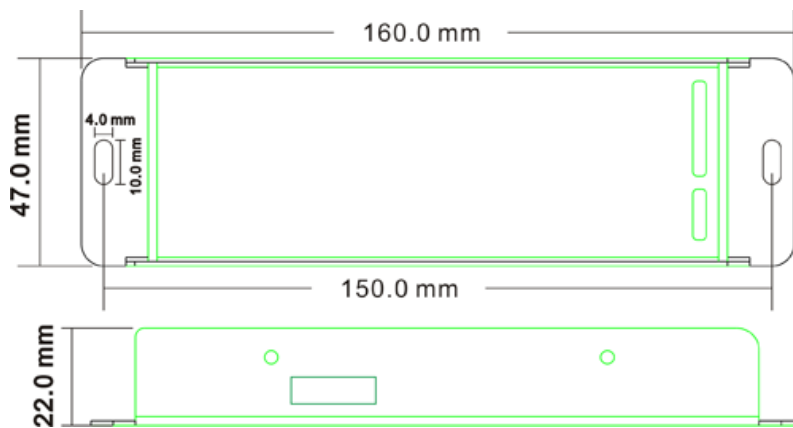
Protection grade: IP40

Gross product: 220g

packing: 1*50

Product size: 160mm*W47mm*H22m

Product size



The product of operation



Graph one



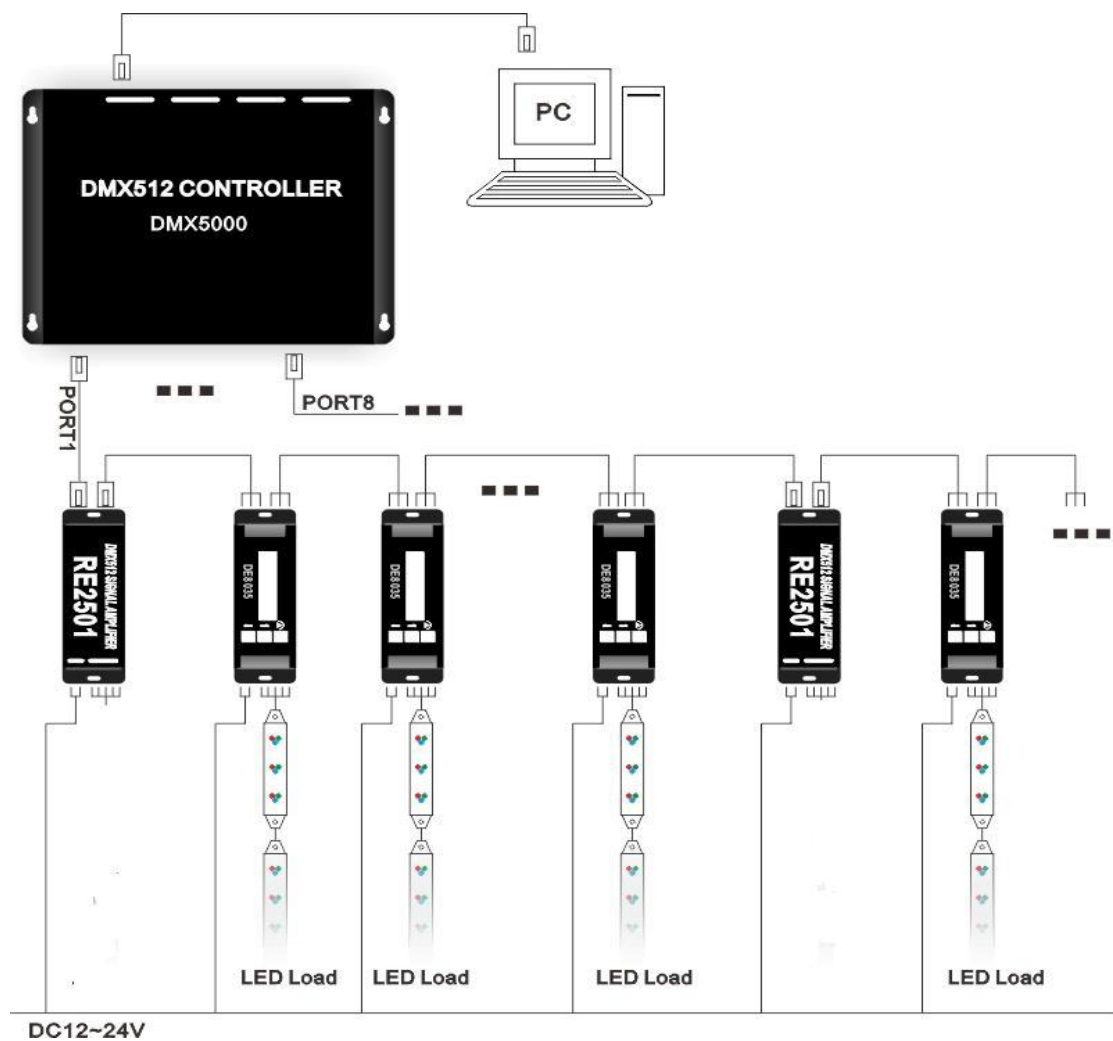
Graph two

(Graph one): The power input and output terminals, RJ45 interface.

(Graph two): DMX signal output: 3 PIN pressure terminals.

Signal input interface: RJ45, Signal Output interface: RJ45 or 3 PIN pressure

Product on-line



DMX-512 control signal connection

1. DMX signal cable is made of twisted pair (line), DMX signal includes positive and negative end, in pressure welding DMX signal line plug should pay special attention to polarity. DMX512 controller output signal positive, signal negative, signal ground with DE8008 input interface corresponding connection.
2. DMX5000 output and DE8008's transmission lines can't be over 300 meters.
3. DMX5000 each interface can with not more than 170 DE8008. Eight output interface. Through the JBLED FLASH light making software and can with computer on line control. Realize infinite contact the DMX lights.
4. When contacting 32 DE8008, DMX signal must add a signal amplifier RE2501 . Cascade can't more than 4 PCS.