DMX-512 Common Controller Dimmer 3 Channels for Led Light DC 12V-24V

Product Model: #BY-CON-DMX512-3CH

Manufactured by: TopLedLight

Category: LED Controller

Retail price: ~~US$31.99~~

Wholesale Price： US$ **27.99**

MOQ: 1 PCS

Net Weight: 380g

Shipping: Free Shipping World Wide

Payment methods: Paypal, Western Union, Wire Transfer

For Bulk Orders Discount, please email info@TopLEDlight.com

✉ **Ask Questions**

Description:

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This DMX common controller adopts the advaned micro control unit, it receives standard DMX-512 digital control singal and transformed it into PWM signal for driving LED; You could connect DMX module with DMX digital console to achieve dimming or various changes in procedures.
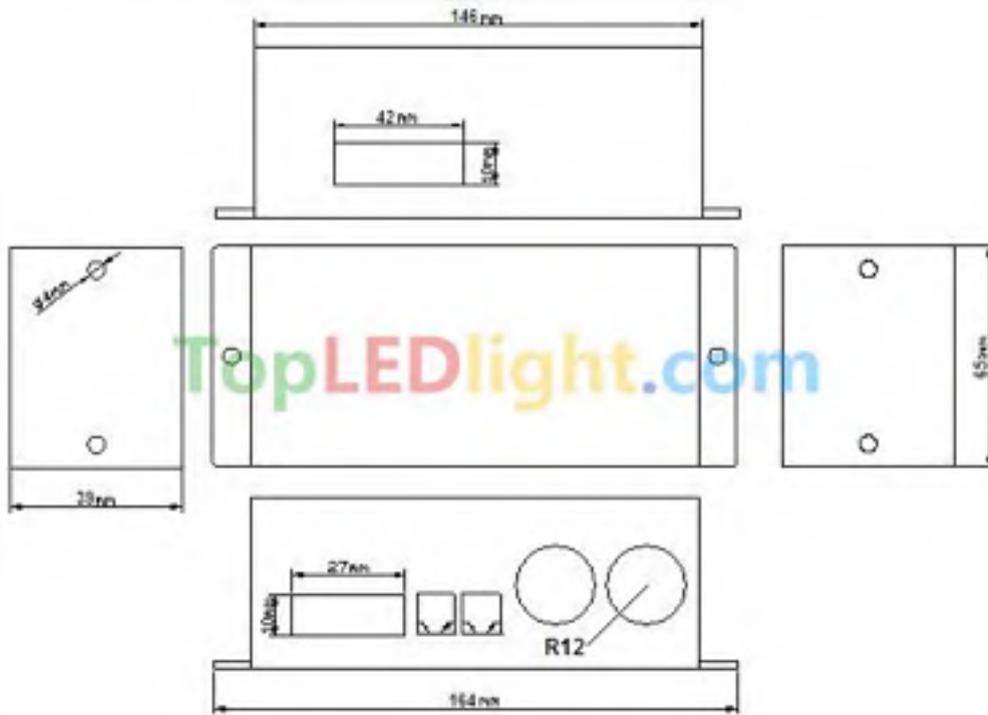
Specification

- Working temperature: -20- 60 DegC
- Supply voltage: DC12V-24V
- Output: 3 Channels
- Connection mode: Common Anode
- Product size: L165 x W68 x H40mm
- Package Size: L180 x W95 x H60mm
- Static Power Consumption: <1W
- Output current: each channel <4A

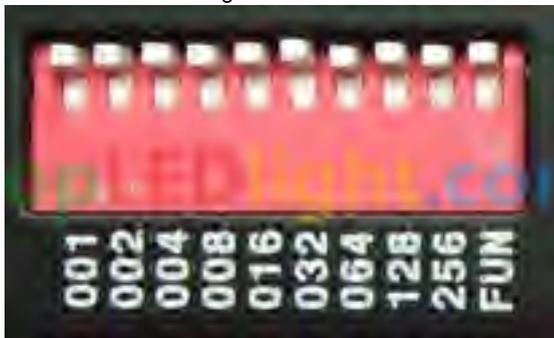▪ Output power: 5V:<60W, 12V:<144W, 24V:<288W

External Dimension

Interface specifications

DMX input/output interface:
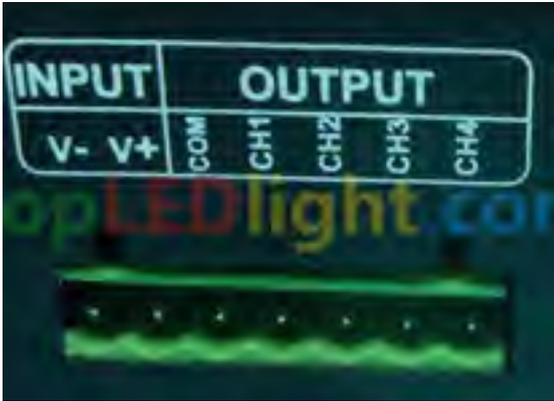

The interface of settings for address code and function:

DMX input/output interface: RJ45 Interface
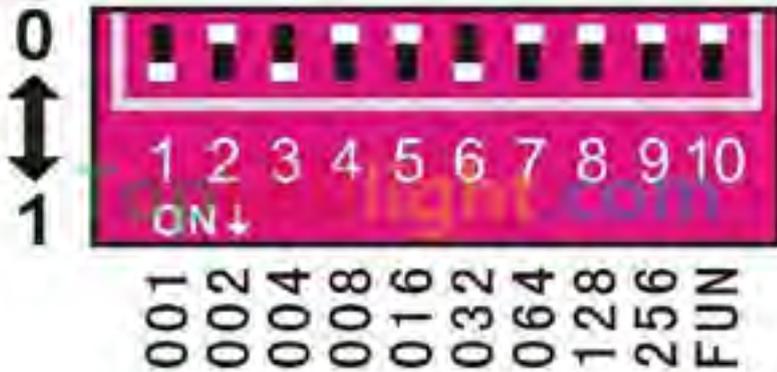
Supply power and load interface:

Directon for use

DMX address code settings

Each DMX common controller occupied 3 DMX addresses, adopt coding switch set address, it is a Binary numerical code switch which is setting DMX original address code from 1 to 9, 1 is the lowest, and 9 is the highest, 511 address codes could be setted in all. DMX original address code equal aggregate value of the coding switch value from 1 to 9, dial the coding switch upwards (ON is setted 1), the value of bit can be gotten, on the contrary, the value of bit is 0. DMX signal can be received when coding switch FUN(10)-OFF(ON is setted 0).
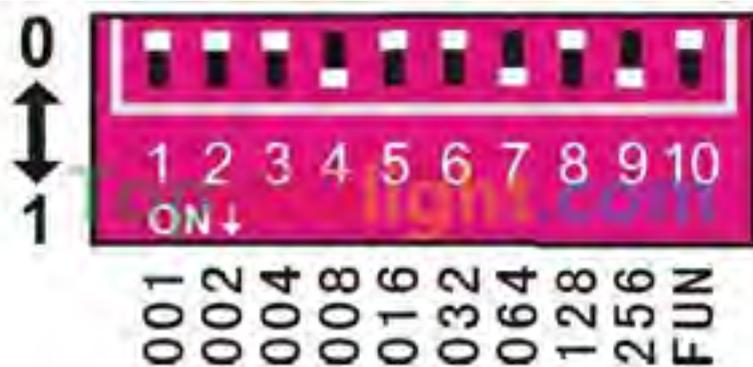
example 1

Look at the following picture,if you want to set 37 as the address code,you can only dial down the first,the third and the sixth code switch, the aggregate value of coding switch value from 1 to 9 is 32+4+1,that is,the original address code of DMX512 is 37.

example 2

Look at the following picture,if you want to set 328 as the address code,you can only dial down the ninth,the seventh and the fourth code switch, the aggregate value of coding switch value from 1 to 9 is 256+64+8,that is,the original address code of DMX512 is 328.

Other functions direction for use
Testing function
The tenth bit of coding switch is FUN, that is a built-in function button. FUN=OFF shows the DMX decoder function, DMX signal can be received. The default coding switch 1-9 is off: black
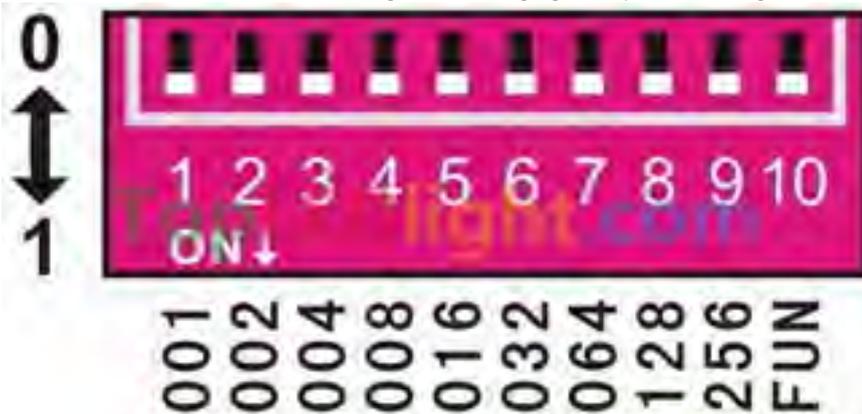
- Switch1=ON: red

- Switch2=ON: green

- Switch3=ON: blue

- Switch4=ON: yellow

- Switch5=ON: purple

- Switch6=ON: cyan

- Switch7=ON: white

- Switch8=ON: seven-color jumpy changing(8 steps speed)

- Switch9=ON: seven-color gradual changing(8 steps speed)

The speed choice of jumpy changing, gradual changing effect
When test the function, switch 8=ON shows the seven-color jumpy changing effect, switch 9=ON shows the seven-color gradual changing effect, every effect has 8 steps speed:
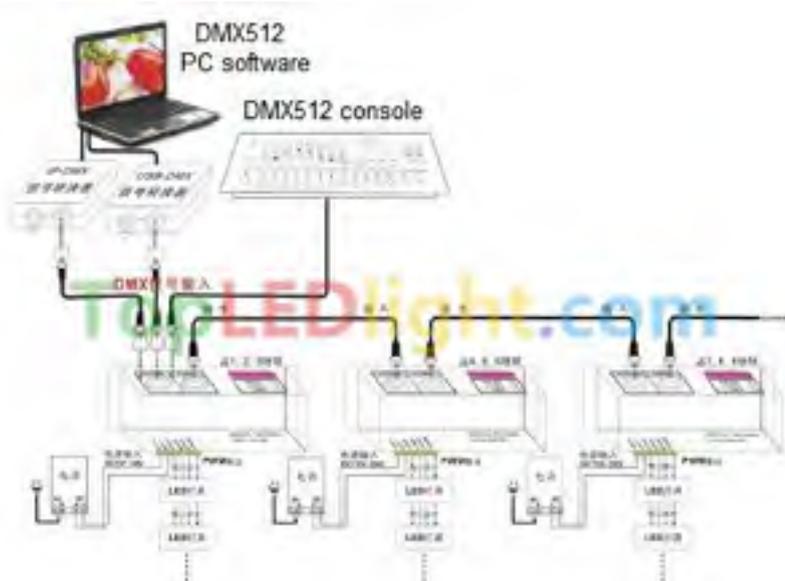
- Off switch from 1 to 7: 0 steps

- Switch1=ON: 1 steps

- Switch2=ON: 2 steps

- Switch3=ON: 3 steps

- Switch4=ON: 4 steps

- Switch5=ON: 5 steps

- Switch6=ON: 6 steps

- Switch7=ON: 7 steps

There are several switches=ON at the same time, the great value is standard. All dial code switches=ON, the state of the decoder shows: to test the functional effects of gradual changing, the speed of change is 7.
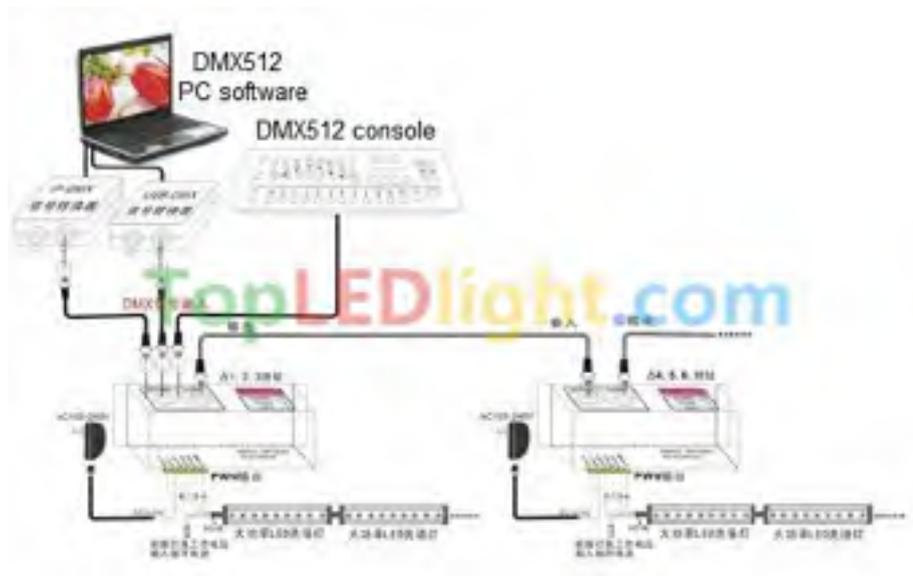

Typical applications

- The connection of low-power LED lamps

- The connection of high-power LED lamps

Full Page: http://w w w .topledlight.com/dmx512-common-controller-dimmer-3-channels-for-led-light-dc-12v24v_p353.html

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