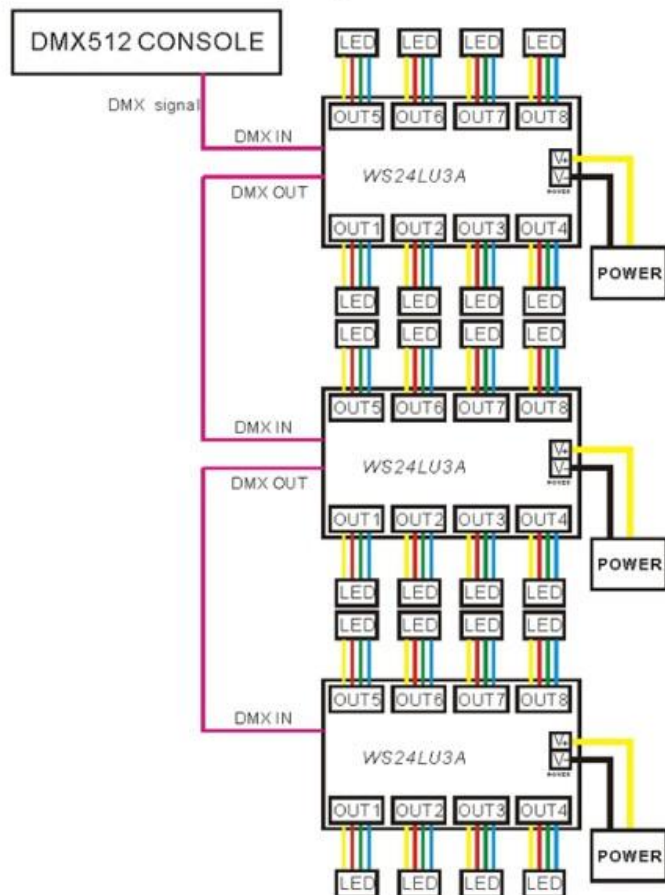


## V.Connect Diagram



# USER MANUAL



## WS24LU3A 24CH DMX512 DECODER

## I.Specifications

Input/Output Voltage: DC5V-24V  
Total Output of current: max72A  
Output: 1A each channel max 3A  
Channel: 24channel 8 group  
Controller: DMX512 3P  
Work temperature:-20°C-60°C  
Dimension: 132 x85 x 26mm  
Weight: 0. 28Kg

## II.Function

- Each DMX common controller occupied 24 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 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. For example: if you want to set 37 as the address code , you can only dial down the first ,the third and the sixth code switch value from 1 to 9 is 32+4+1 , that is ,the original address code of DMX512 is 37.
- DMX signal can be received when coding switch FUN(10)=OFF.
- when coding switch that FUN(10) is ON . its function is as follows:

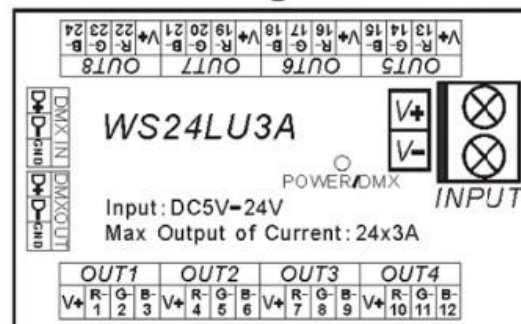
Switch1-9 is off	Black
Switch1=ON	Red
Switch2=ON	Green
Switch3=ON	Blue
Switch4=ON	Yellow
Switch5=ON	Purple
Switch6=ON	Cyan
Switch7=ON	White
Switch8=ON	Seven-color jumpy changing(8 steps speed )
Switch9=ON	Seven-color gradual changing(8 steps speed )

- if coding switch is 8 or 9 , from 1 to 7 is the choice for speed , there are 8 steps in all , the description is as follows:

Switch1-7 is off	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(the greatest speed)

- There are several switches is ON at the same time , the great value is standard.

## III.Interface diagram



## IV. Sfsafety Information

- The input voltage of this controller should be follow. The specifications , Other high voltage would most probably destroy it .
- Never connect two wires directly in case of short circuit.
- Lead wire should be connected correctly according to colors that connecting diagram.
- Warranty of this product is one year , in this period charge , but exclude the artificial situation of damaged.