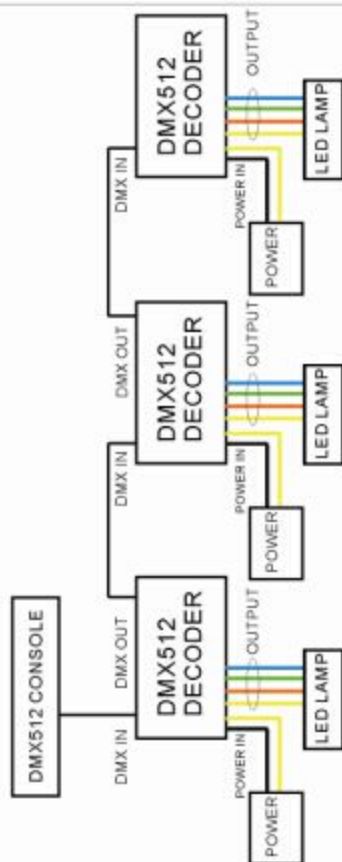


V.Connect Diagram



USER MANUAL



MINI-DMX-3CH-V1 DMX512 DECODER

I. Specifications

Working temperature: -20°C-60°C
 Supply voltage: DC 5V-24V
 Product size : L72*W36*H15mm
 Output: CMOS drain-open output
 Connecting Mode : Common anode
 Max output current: 5A each color
 Weight: 60g

II. Function

1. 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 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.

2. DMX signal can be received when coding switch FUN(10)=OFF.

3. when coding switch that FUN(10) is ON, its function is as follows:

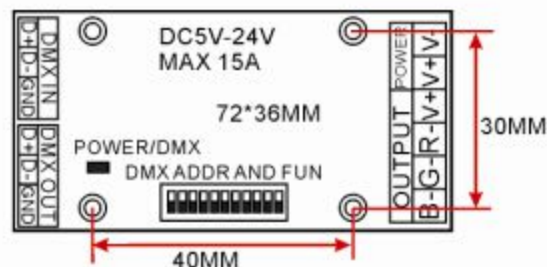
Switch1-9 is off	Black
Switch1=ON	Red
Switch2=ON	Green
Switch3=ON	Blue
Switch4=ON	Yellow
Switch5=ON	Purple
Switch6=ON	Cyan
Switch7=ON	White
Switch8=ON	Seven-color jumpy changing(8 steps speed)
Switch9=ON	Seven-color gradual changing(8 steps speed)

4. 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)

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

III. Interface diagram



IV. Safety 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.