PRODUCTSHEET
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Gato DMX controller 12-24v DC 3CHx4A

Specifications:

Voltage:	12V-24V
Max load current:	3CHx4A
Working temperature:	-20° – 60°
Control:	DMX
Output:	3 channels
LxWxH:	180x95x60mm
Model number:	20101

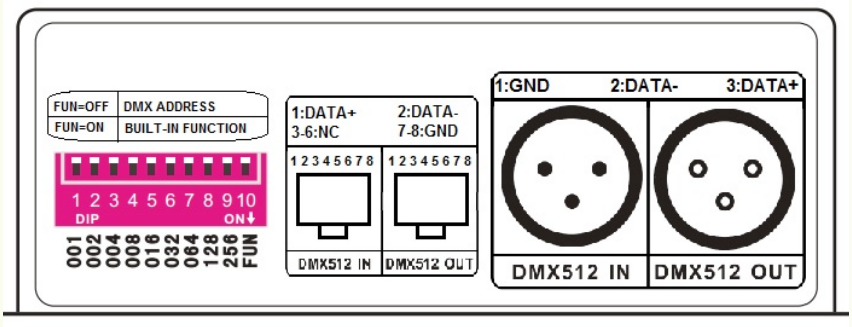
Function

The Gato DMX controller is an advanced micro control unit, it receives standard DMX-512 digital control signal and transforms it into PWM signal for driving LED. You can connect DMX modules with DMX digital consoles to achieve dimming or various changes in loops.

This DMX controller controls 3 DMX addresses, RGB, adopting coding switch set addresses. The dipswitches do have a binary numerical code switch which is setting DMX original address codes from 1 to 9. With 1 as the lowest and 9 as the highest, 511 address can be set. Push the coding switch downwards for ON.

Example:

If you want to set 37 as the address code, you can push down the first, the third and the sixth coding switch, the aggregate value of the coding switches is 32+4+1. The address code of DMX512 is 37.



DMX signals can be received when coding switch FUN (10) is switched OFF.
When coding switch FUN (10) is ON, the other functions are:

Coding switch	Function
Switch 1 - 9 is OFF	Black
Switch 1 is ON	Red
Switch 2 is ON	Green
Switch 3 is ON	Blue
Switch 4 is ON	Yellow
Switch 5 is ON	Purple
Switch 6 is ON	Cyan
Switch 7 is ON	White
Switch 8 is ON	Seven-colour jumpy changing (8 steps speed)
Switch 9 is ON	Seven-colour gradual changing (8 steps speed)

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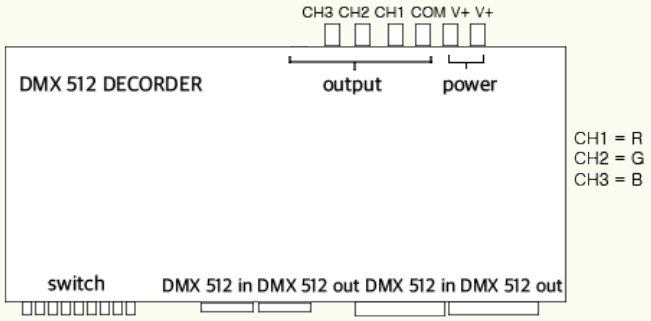
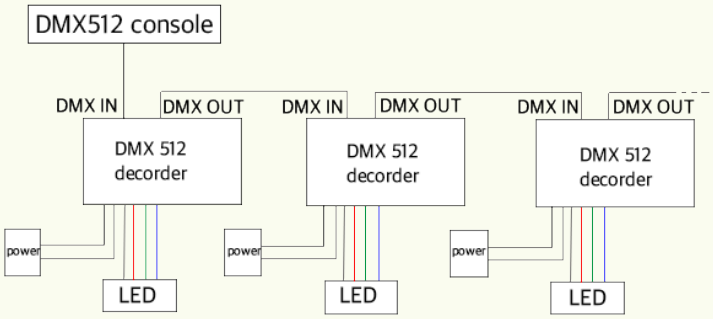
Coding switch	Function
Switch 1 - 7 is OFF	0 steps
Switch 1 is ON	1 steps
Switch 2 is ON	2 steps
Switch 3 is ON	3 steps
Switch 4 is ON	4 steps
Switch 5 is ON	5 steps
Switch 6 is ON	6 steps
Switch 7 is ON	7 steps

If coding switch is 8 or 9 is on, switches from 1 to 7 are the choices for speed. There are 8 steps:

Connecting diagram





Safety Information

1. This product is non-waterproof, please avoid the sun and rain. Put it in a waterproof box if install outdoor.
2. The condition of radiation will affect the working life of the controller, please install the product in a good radiation condition.
3. Please check the output voltage of the LED power supply. The input voltage of this controller should be followed.
4. Ensure all wire connections are correct before connecting power, which is to avoid LEDS to be burnt because of wrong connection.
5. Please contact your supplier if you have any questions.
6. This product is 1 year free warranty. In this period we guarantee replacement or repairing with no charge, but exclude the artificial situation of damage.

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