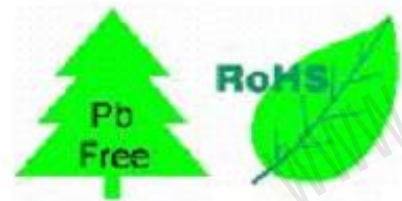




Shenzhen Jiaanda Optoelectronics Technology Co., Ltd.

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DC12/24V-SM17512-RGB-60Led/M Strip

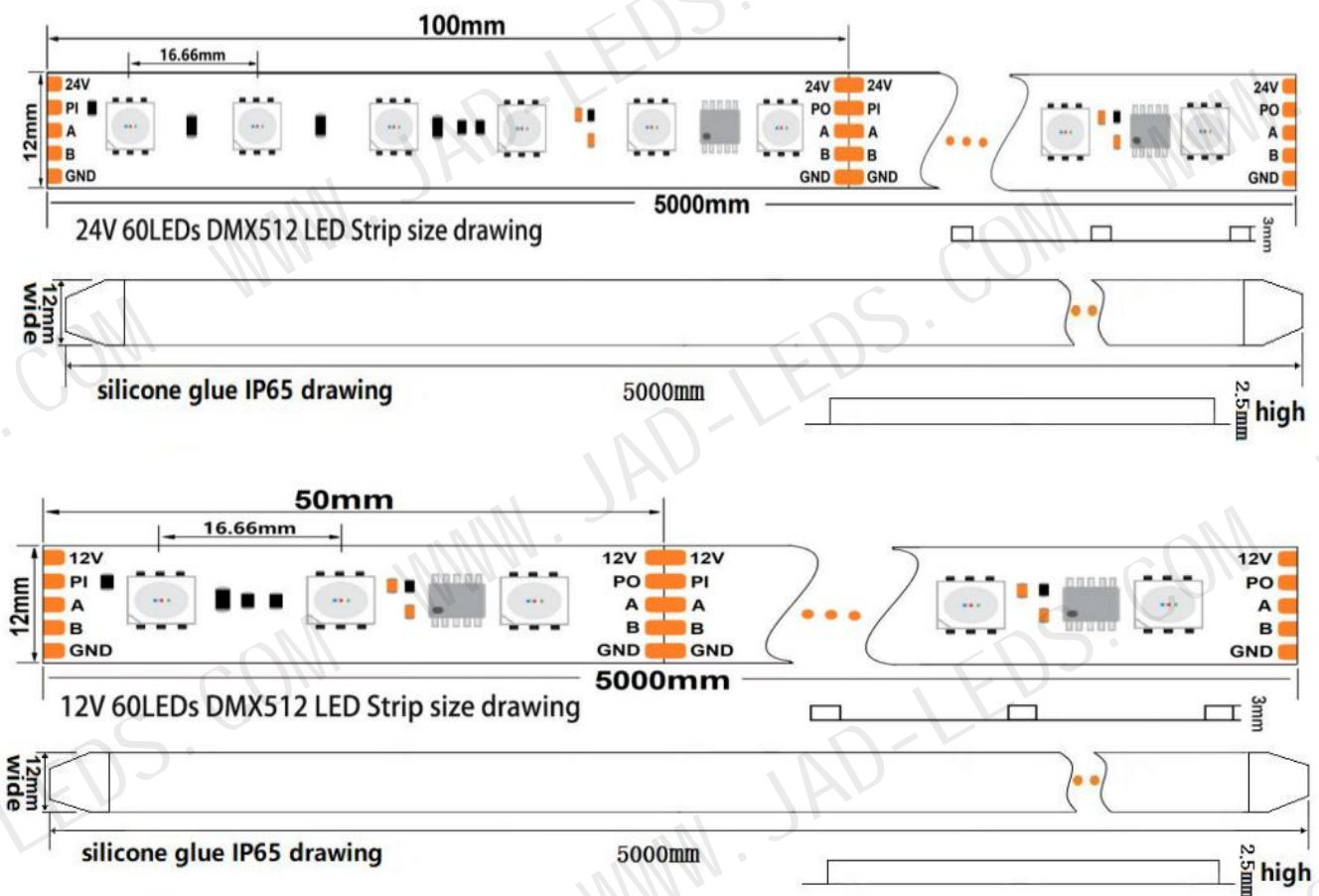


Product Specifications:

- 1.Item Model: SM17512-RGB-60LED-DC12/24V
- 2.LED Quantity: 60 LED/M
- 3.IC Type:SM17512
- 4.Wattage:14.4 W/M
- 5.Led Color:5050RGB
- 6.Pixel/m:DC24V--10pixel/m; DC12V--20pixel/m
- 7.Signal Protocol:DMX512
- 8.PCB Width:12mm
- 9.Length/Reel:5M/Reel
- 10.Working Voltage:DC12/24V
- 11.IP Grade:
 - IP20:Non waterproof with 3M Adhesive tape
 - IP65 Silicone glue coating,
 - IP67 inside Soft tube
- 12.PCB Color:White ,Black
- 13.We accept custom length,OEM and ODM

Features:

1. Input Voltage DC12/24V, DMX signal (data+ data-) control.
2. External SM17512 IC control, DMX512 to RS485 decoder embedded in IC. each six leds are programmable.
3. Addressable, SM17512 outside IC ;
4. SM17512 has 5Wires input and output: A,B, PI, GND and Power+;
5. 60leds/m, 100mm/3.93" intervals cutting point.
6. Standard DMX512 controller wired with our DMX512 led strip
7. White PCB/Black PCB available. IP21/IP65/IP67/IP68 available.
8. Both ends wired with 150mm/5.9" 20Awg wire and JST 5Pin male/female connector
9. 3M adhensive tape stick on the back of non-waterproof version.
10. PWM 2KHz/m, Data transmit up to 800kbps, 256 grayscale effect;
11. Each IC control 3/6 leds;
13. Compatible with DMX512(1990) signal protocol;
14. Controller System: SD controller , DMX controller , Artnet.



DC12/24V RGB DMX512 LED strip Connection:

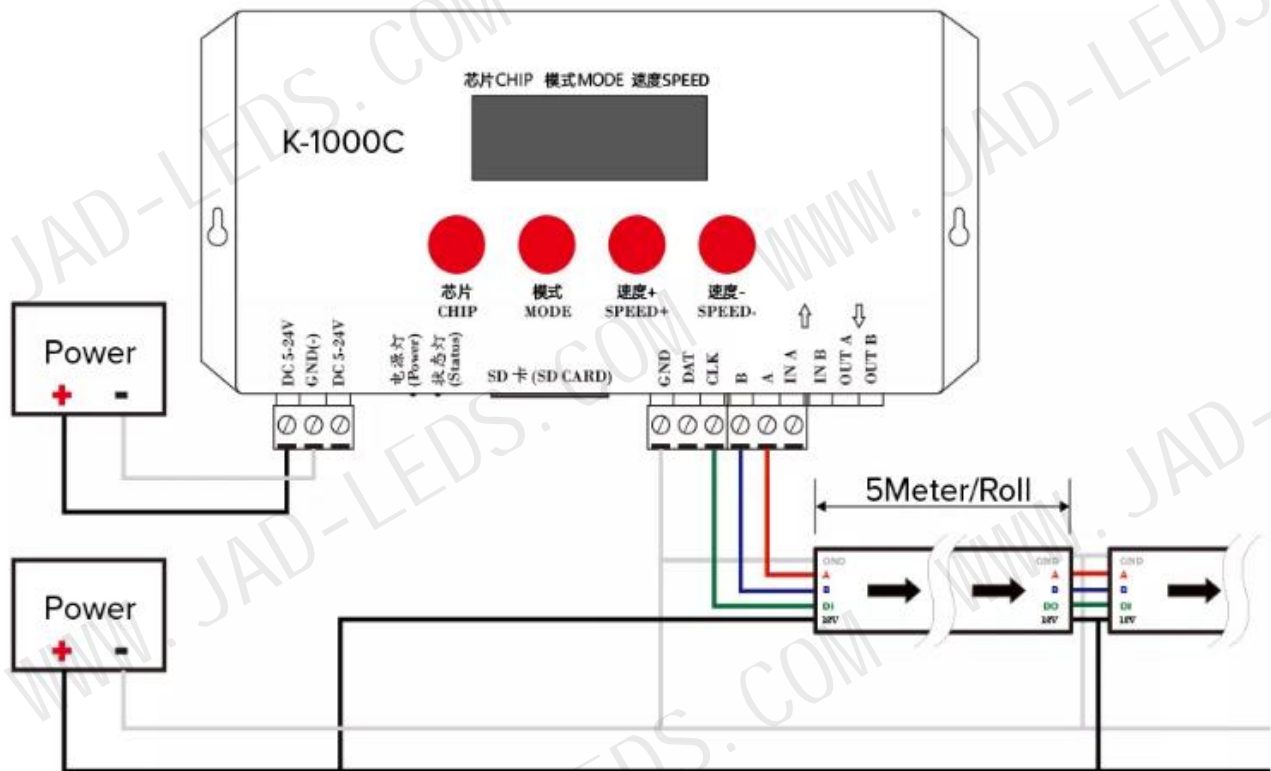
DC+: connect to power supply DC+

DMX+ (A): connect to controller DMX+ (A)

DMX- (B): connect to controller DMX- (B)

PI: Write the address, one address cable

GND: connect to power supply GND & controller GND



fast, resistant to bending, can be bent into any shape

2, Using SMD5050RGB lamp beads, you can achieve when the white light off, to

ensure a high end of consistency when light white the use of external driver chip DMX512, to achieve addressable, programmable digital light effect.

3, Compatible and extended DMX512 (1990) signal protocol, the control mode is

differential parallel, built-in 485 decoding module, anti-interference

4, Support Coding after installation operation, you can program the controller to achieve

any animation products

5, Low-voltage DC12/24V power supply, the user and crowd is more secure

6, can be made of waterproof level of diversification, Dropping glue waterproof (IP65), full silicone tube casing waterproof (IP67), Silicone tube+ pouring glue (IP68), as well

as the latest process machine extrusion (IP68)

7, Each group LED (3/6LED as one unit/group, cuttable) as one pixel, takes 3 channels

(R/G/B each chip takes 1CH), can OEM customized color effects from our engineer.

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