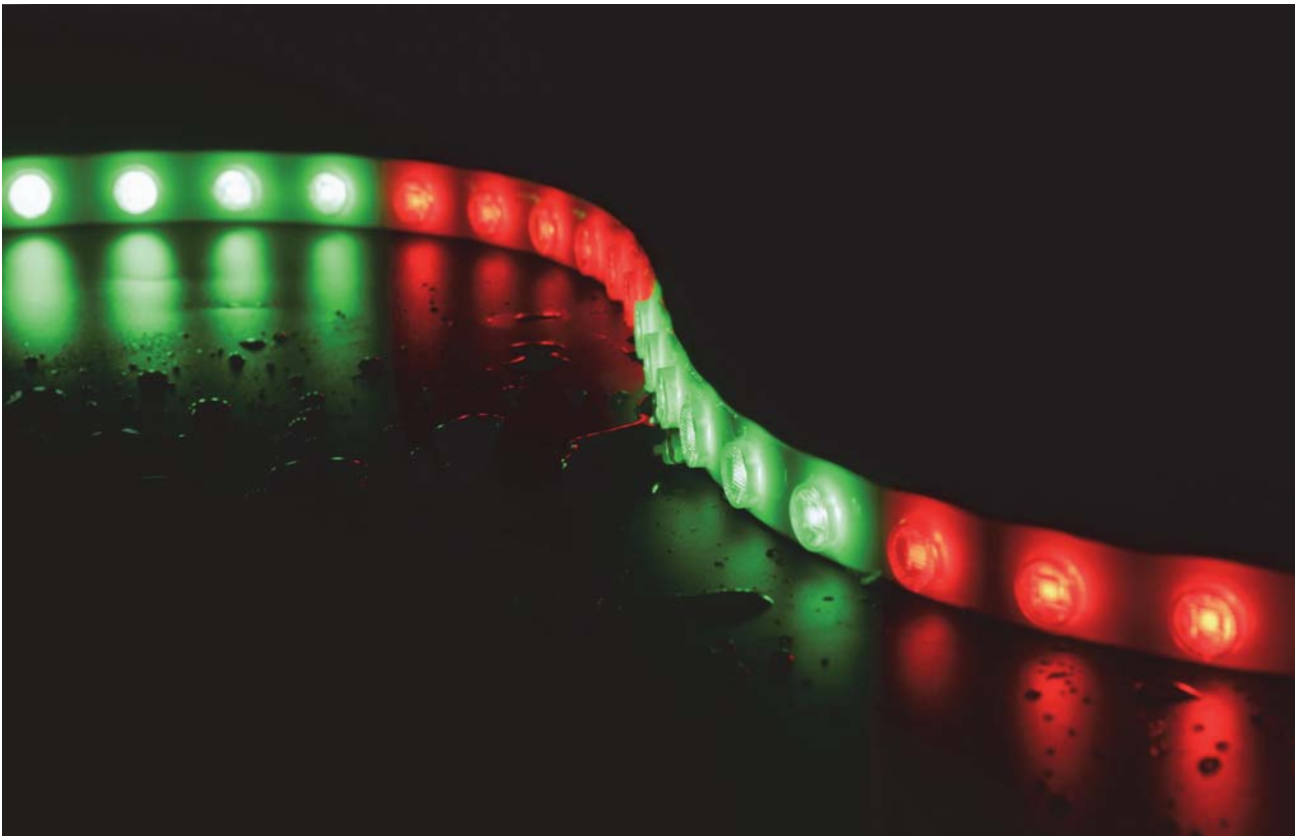


DMX 512 FLEXIBLE LED WALL WASHER

LY36-FW3535RGB-DMX512-24-IP67



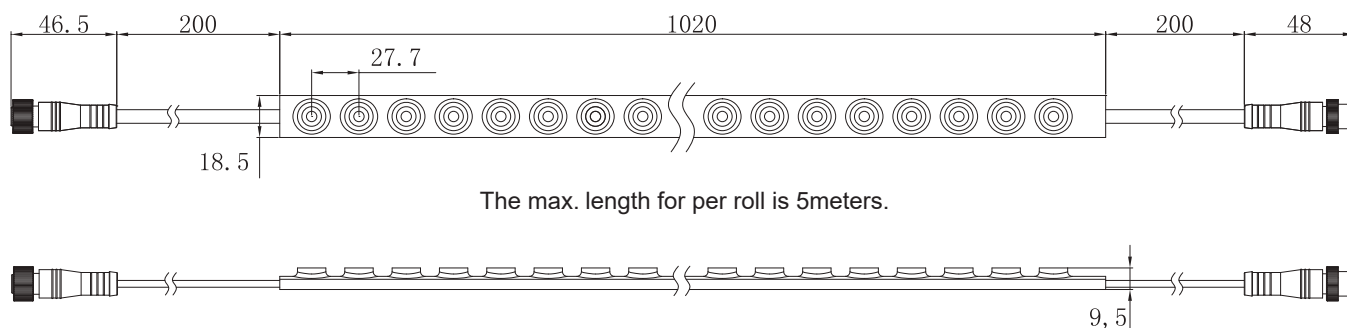
Specialized LED strip Manufacturer

Product Introduction

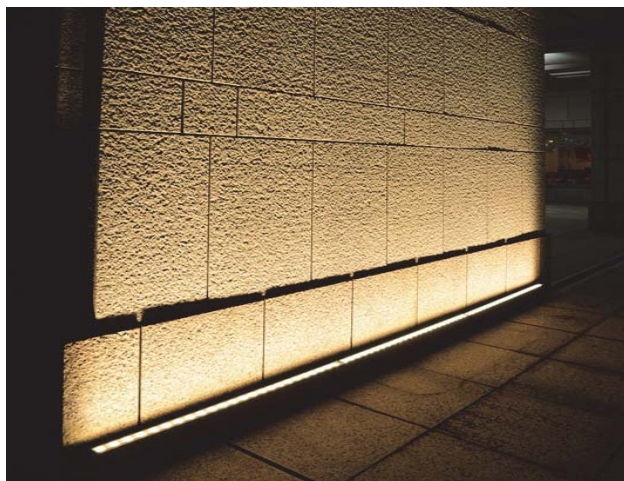


- ◎ Adopting TPU material, it's resistant to yellowing, high temperature, corrosion, weak acid and alkali, and has great flexibility.
- ◎ PU glue is used for filling and sealing, so that it has strong adhesion, good durability and high reliability.
- ◎ Various beam angles (15°, 30°, 45°, 15°*60°) are available for different applications.
- ◎ Using high-quality waterproof RGB light source and RGBW light source, with high brightness, low power consumption and good consistency.
- ◎ Full color, combined with the control system which can realize the pattern changes of running water, horse race, meteor rear-end, chase, etc.
- ◎ Compatible with DMX512 (1990) protocol, automatic addressing and encoding, using RS485 signal trunk and signal differential transmission mode.
- ◎ It has strong anti-interference ability and long transmission distance.

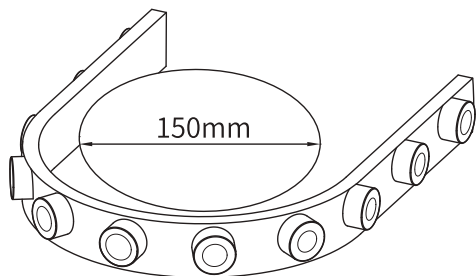
Product Dimension



Application



Bending Diameter



Accessories



3M Tape



Plastic Holding Clips



Stainless Steel Mounting Clips



Aluminum Profile

Electrical Data

Voltage	24V
Beam angle	15° / 30° / 45° / 15*60°
Pixel(pix/M)	6
Gray Scale	256
Control Mode	DMX512

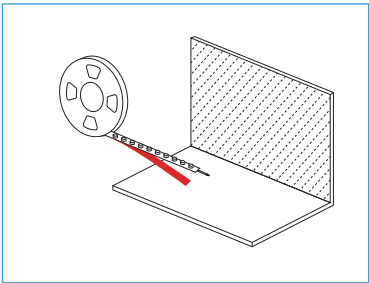
LEDs / M	36LEDs
Working hour	50000h
Working temperature	-25C~+45C
Cutable length	166.6
Waterproof	IP67

DMX512 RGB

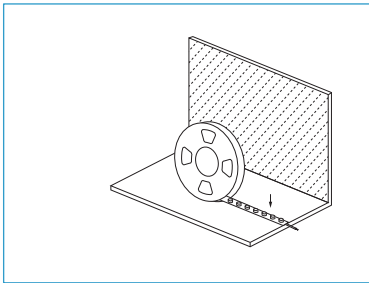
Color	R	G	B	RGB
Power	4W	4W	4W	8.5W
Lumen / m	61	137	35	230
Wavelength/CCT	620-630nm	520-530nm	460-470nm	

Installation Diagram

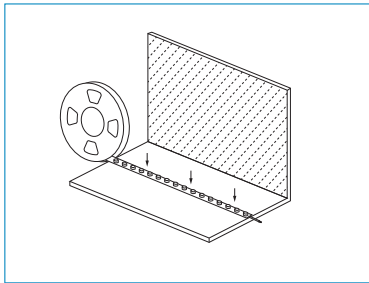
Installation
With back tape



Remove the product from the packaging box and tear off the tape on the back.

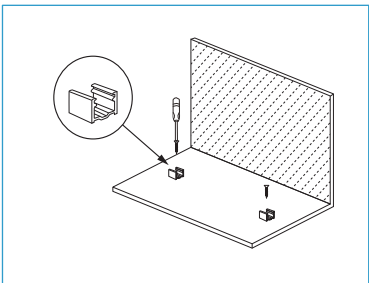


Install the product where you need it (ensure the wall is smooth), refer to the installation distance diagram for the specific glowing effect, and stick it firmly.

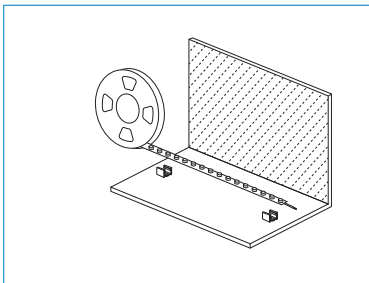


Connect the product to the low-voltage driver and energize it.

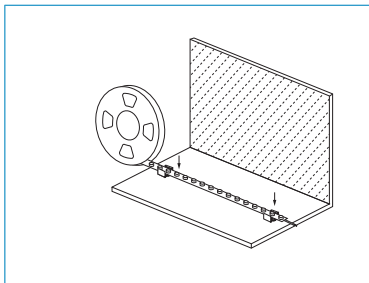
Installation
with stainless steel
mounting clip



Remove the stainless steel mounting clips and screws from the packing box, and use a screwdriver to install these clips where needed.

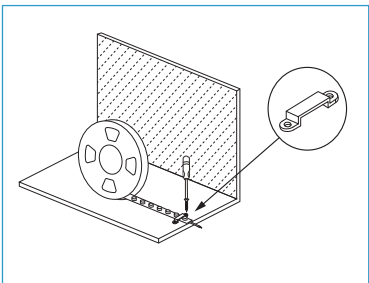


Take the light out of the box, then put the light into the clips and secured it (refer to the installation distance diagram for the specific glowing effect).

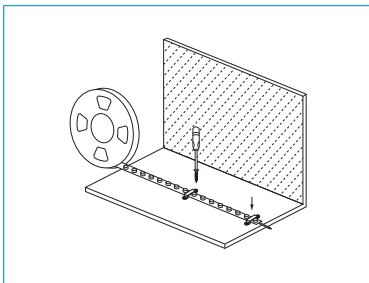


Connect the product to the low-voltage driver and energize it.

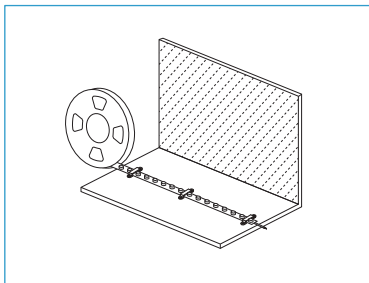
Installation with
Silicone
Mounting Clip



Place the light where needed, and refer to the installation distance diagram for the specific glowing effect.

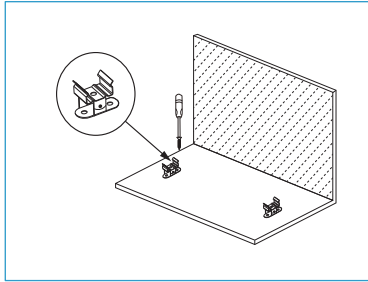


Remove the silicone mounting clips and screws from the package box, and fix these clips with a screwdriver.

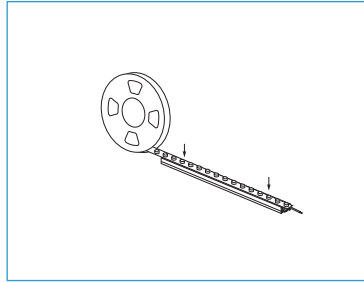


Connect the product to the low-voltage driver and energize it.

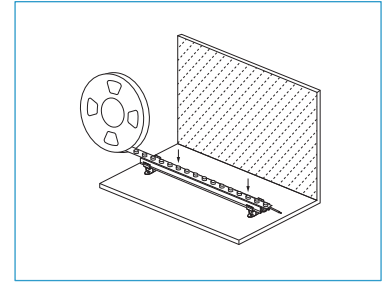
Installation with Aluminum Profile



Remove the light, aluminum profile and rotating brackets from the box, and fix the rotating brackets to the needed position with a screwdriver.



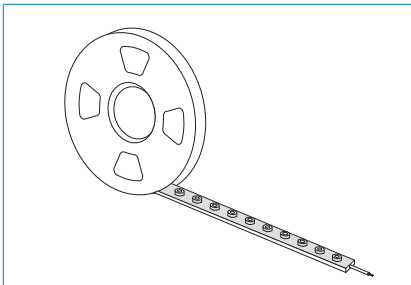
Put the light into the aluminum profile, and press the light down along the profile to ensure the light is tightly stuck into it. Then fasten the profile on the rotating brackets (according to the glowing angle requirements, the rotating bracket can be adjusted).



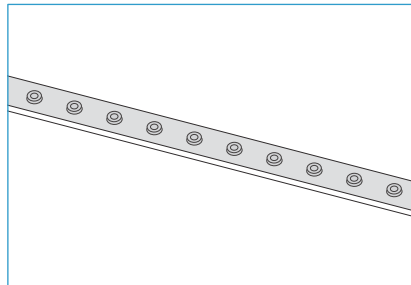
The specific glowing effect can be adjusted according to the needs of the application. After the installation, connect the light to the low-voltage driver and energize it.

Cautions

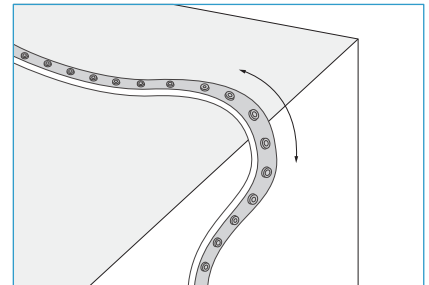
Correct operation



During the installation process, the LED wall washer is taken out from the reel naturally and keep it as straight as possible.

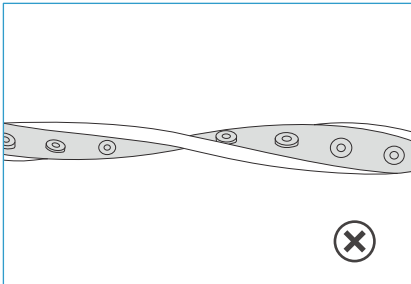


The LED wall washer should be kept vertical or horizontal during the installation process.

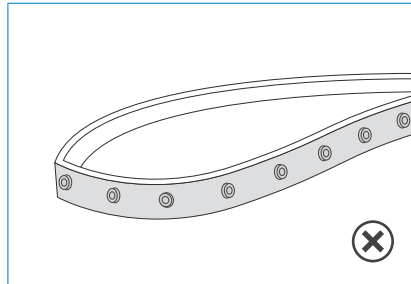


When LED wall washer meets the corner during the installation process, the LED wall washer must be kept facing up and the back facing down, maintaining a certain bending arc, $\phi \geq 150\text{mm}$.

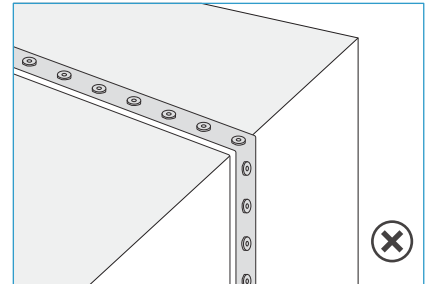
Wrong operation



Do not twist the LED wall washer during the installation process.

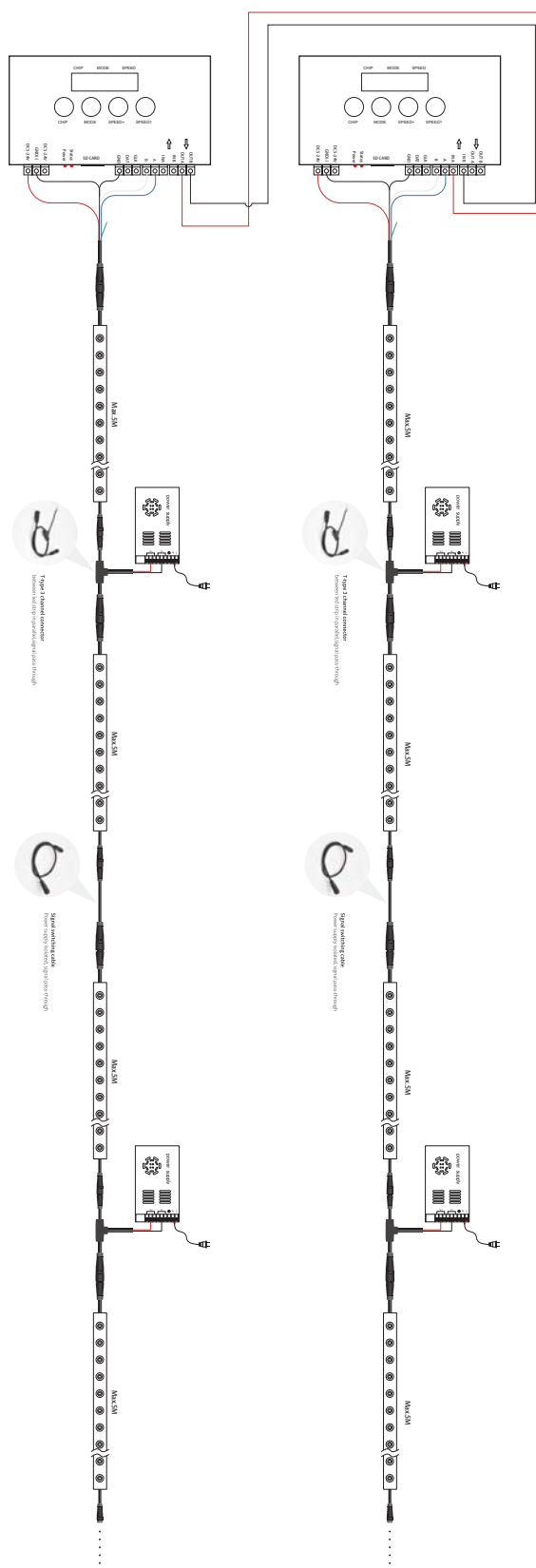


Do not fold the LED wall washer in half or bend it at a small angle during the installation.



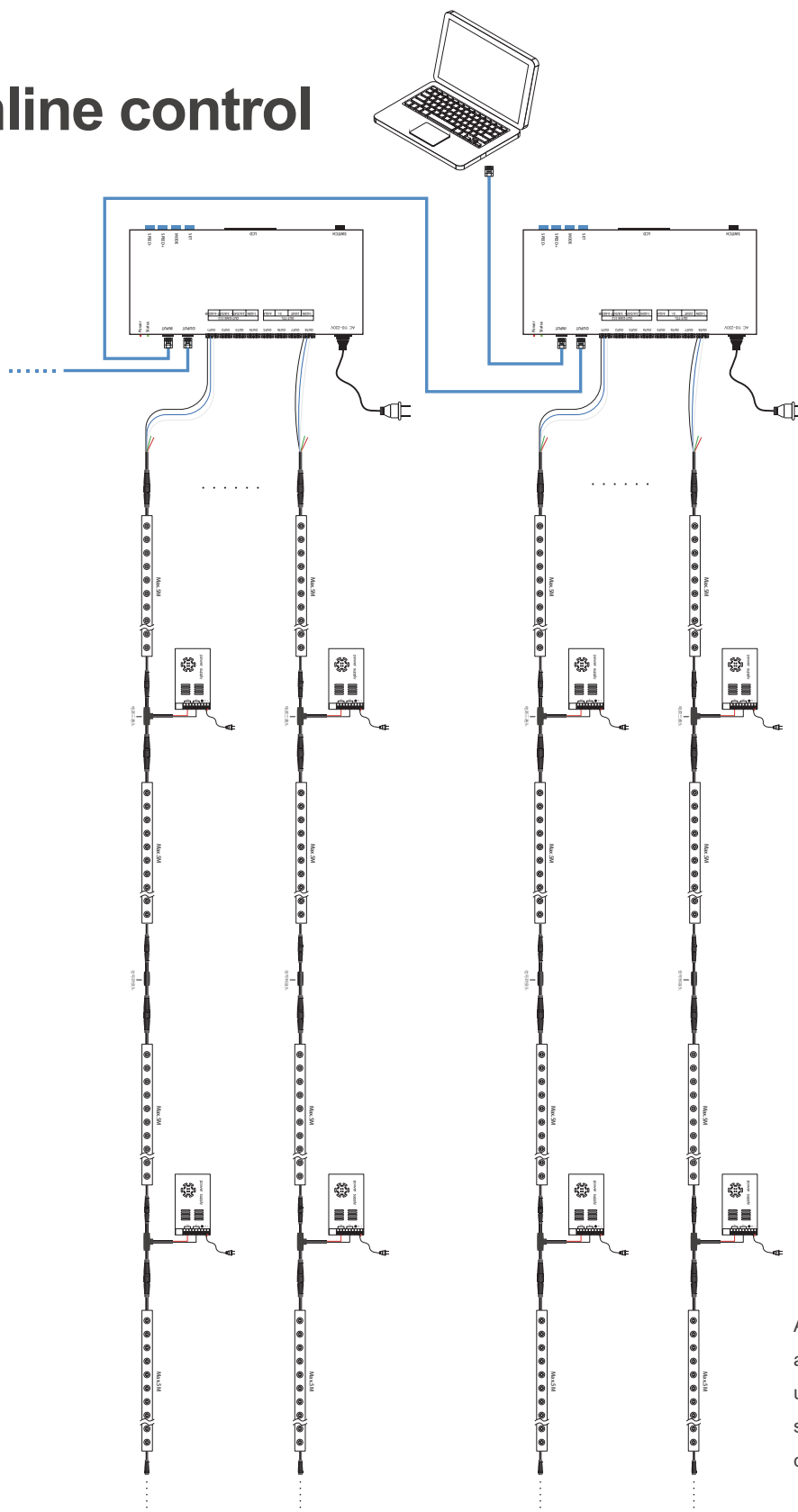
When the LED wall washer meets the corner during the installation process, the LED wall washer must be kept facing up and the back down, and it cannot be bent at right angles.

Offline control



After the led strip is connected to the signal wire and power supply wire correctly, it is necessary to use a special addresser to address the led strip, then the controller / console can run the control effect program.

Online control



After the led strip is connected to the signal wire and power supply wire correctly, it is necessary to use a special addresser to address the led strip, then the controller / console can run the control effect program.

Addressing Instructions

The addressing operation is an operation that needs to be performed when the power is turned on for the first time after the wiring of led strip is completed; There is no need to address the led strip without changing the connection order of the led strip.

The led strip and the addressing device are connected according to the corresponding relationship in the following table:

Wire order of led strip input	Addressing device's port
green	A
yellow	B
black	GND

Using the K-1000C

The controller integrates control and addressing, and can only be automatically addressed backward to 512 channels from the default starting channel value 001. After addressing is completed, switch to the controller mode, you can automatically run the control program without power off. The operation is as follows:

❶ After the led strip and the controller are properly connected with the signal and power cable, power on

❷ After the controller is started, firstly hold down the "CHIP" button, then press the "MODE" button at the same time, the controller shows "61 XX XX", Release two buttons at the same time to enter the led strip's addressing interface, as shown below:



❸ Press the "CHIP" button to adjust the displayed value of the first and second digits to "65", the last digit needs to be kept at "3" (if it is other numbers, can adjust the SPEED + / SPEED- two buttons), as follows Figure:



❹ Press the "MODE" button to start addressing the led strip, the controller shows "A A A", as shown below:



❺ Wait for the completion of addressing, and show "65 1 3", as shown in the figure below



❻ Firstly press the "CHIP" button and then press the "MODE" button to exit the addressing mode and enter the controller mode, as shown in the following figure.



❼ The display of the first and second digits of the controller must be "10". If it is other numbers, the led strip cannot be controlled normally. Adjust the "CHIP" button to select the displayed values of these two digits.

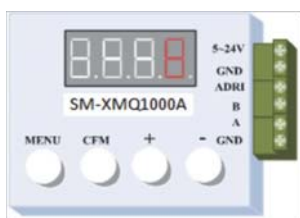
❽ In the program broadcast mode, you can change the broadcast speed by adjusting the "SPEED +" and "SPEED-" buttons; If there are multiple programs in the SD card, you can select the program you need to play through the "MODE" button.

Use of SM-XMQ1000A

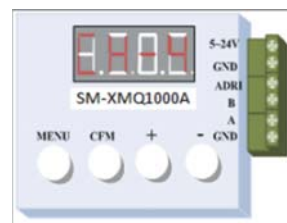
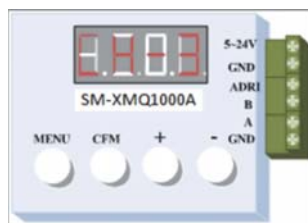
This addresser can only be used for addressing and post-addressing testing. After the addressing operation is completed, disconnect the led strip's signal input wire from the addresser and connect it to the DMX512 controller or console, control the effect program by the controller or console

The addresser can implement customized initial channel value setting. The addressing operation is as follows:

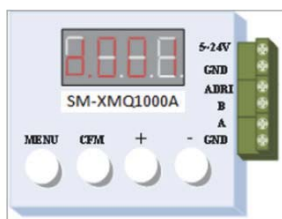
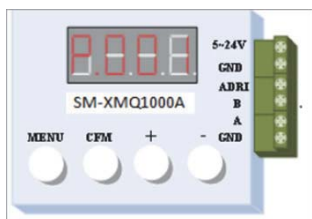
- The coder powers up by default to play the built-in testing effect, the built-in effect are 9 pcs. The menu "CFM" can switch the built-in effect, when pressed to the digital tube with the word "LOOP" displayed, the built-in effect will circularly play, if press the key again, the built-in effect will individually play. The following interface shows the current broadcast of the eighth built-in testing effect:



- After the addresser is connected to the signal wire of the led strip; the led strip and the addresser are powered on
- Under built-in effect 1-9, as shown in the interface above, shortly press the "MENU" key to turn into the interface (CH-3, CH-4), long press "MENU" key, can switch "CH-3" and "CH-4", our led strip select "CH-3"



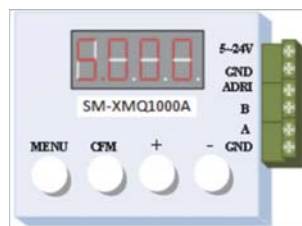
- When the interface is "CH-3", please press the "MENU" button to enter the interface as below picture:



Press the "CFM" button to switch between "P.001" and "d.001", this led strip selects "d.001"

- Under the interface of "d.001", Press "+" or "-" key to set the "initial channel value"; the 001 bit will be added and subtracted automatically.

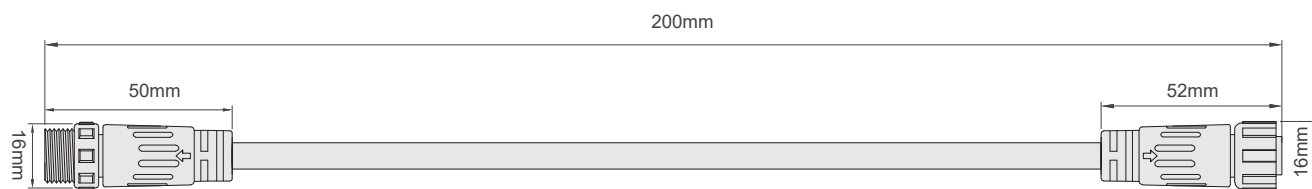
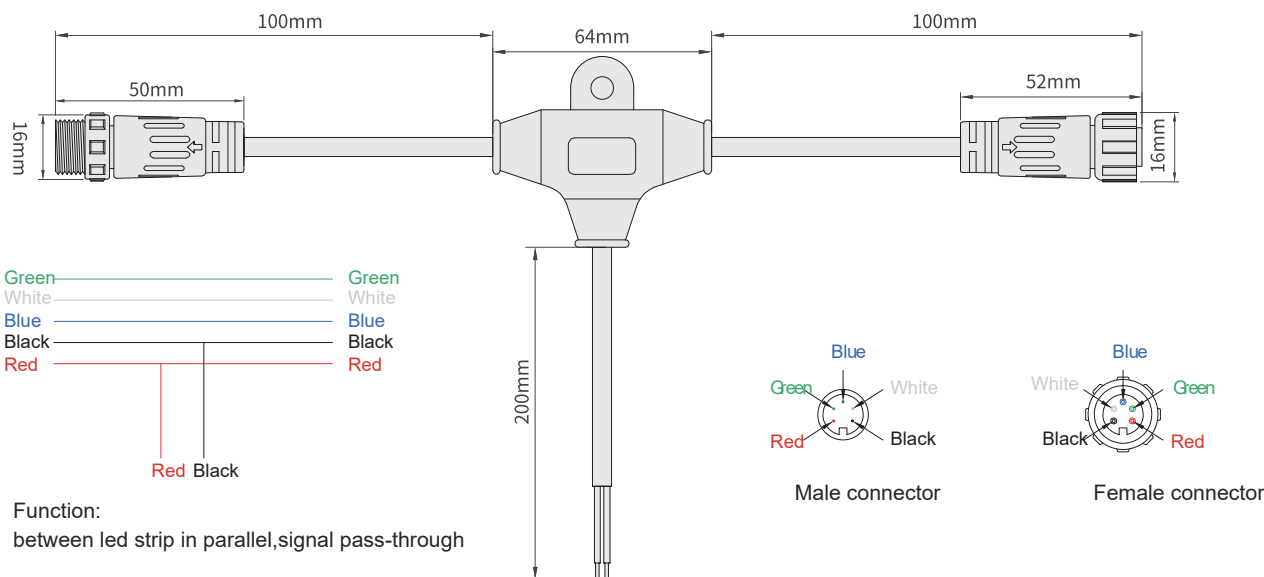
- After finished setting the "initial channel value", press "MENU" key to enter the following interface for set the "channel step"



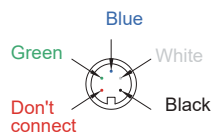
Press "+" or "-" key to set the "Channel Step", the led strip is set to "S.003"

- In the above interface, press the "CFM" key to enter the code writing status, please wait for the code writing to be completed.

T-type 3 channel connector



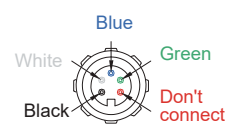
Signal switching cable



Male connector



Function:
between led strip in parallel, signal pass-through



Female connector