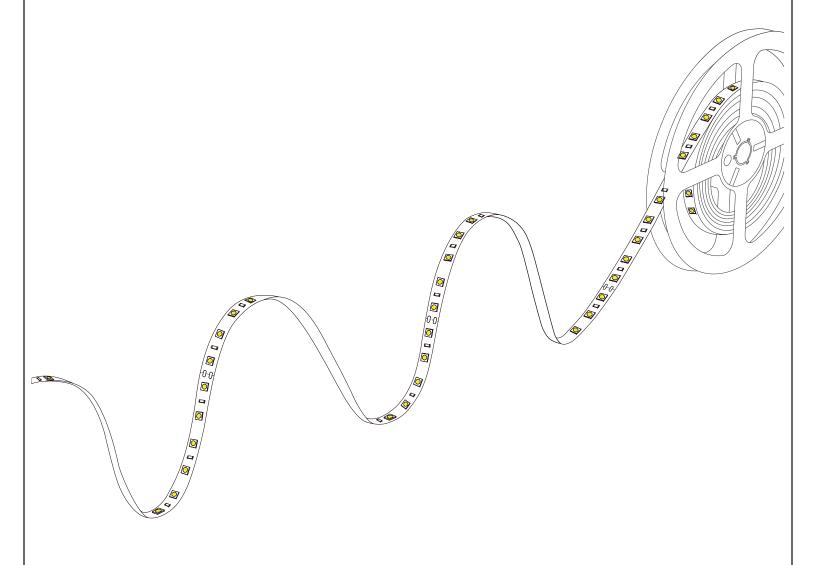


LED STRIP USER MANUAL



Please read this manual before installation to install it accurately. This manual contains user manual of accessories. Please keep this manual properly in case you would need it in the future.





















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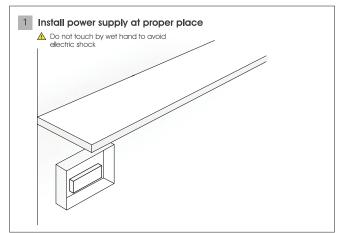


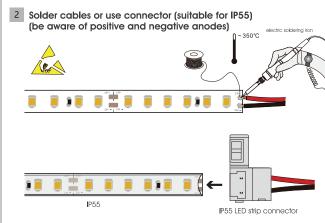


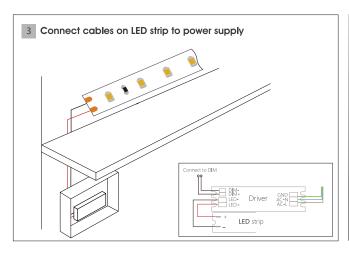


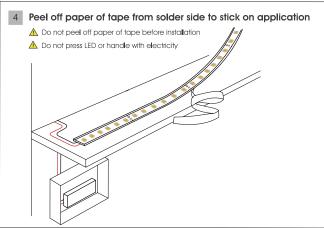


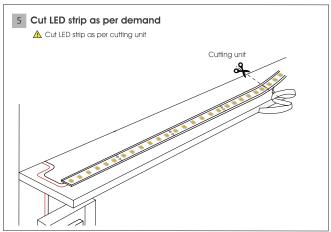
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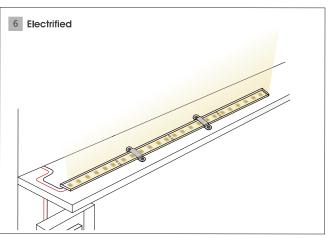
























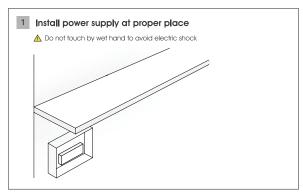


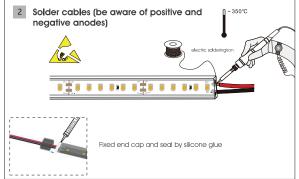


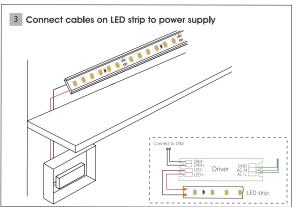


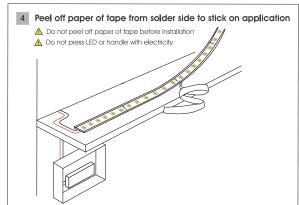


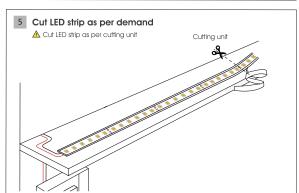
LED strip installation

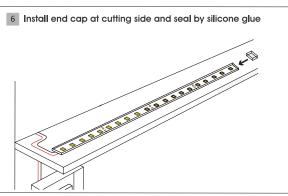


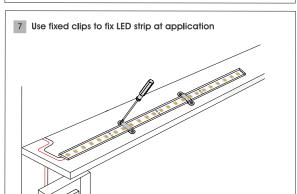


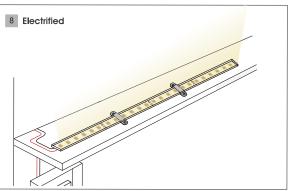




























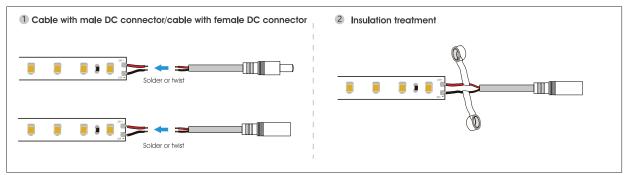


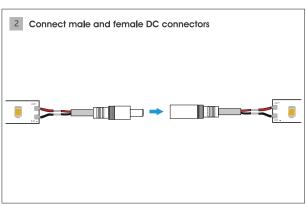


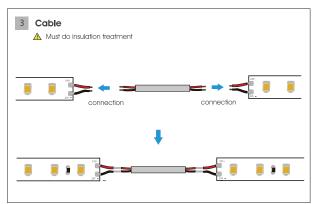
LED strip accessories

Cable + connectors

1.Cable

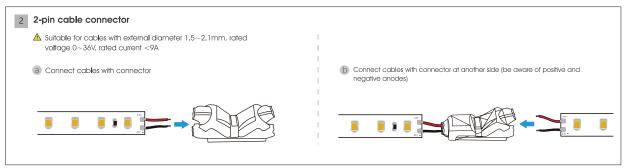






2. Connector for cables



















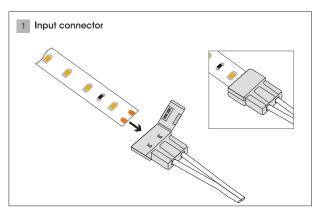


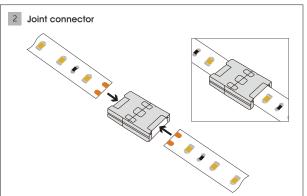




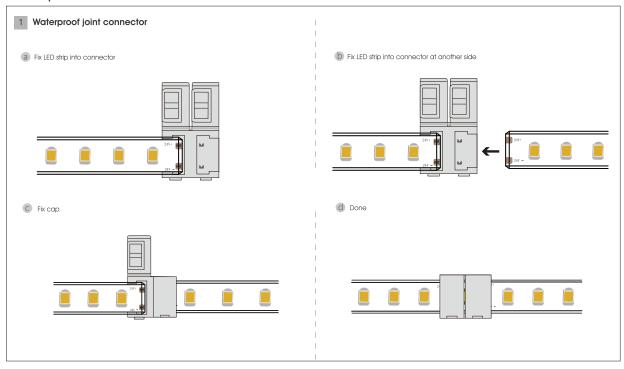
LED strip connector

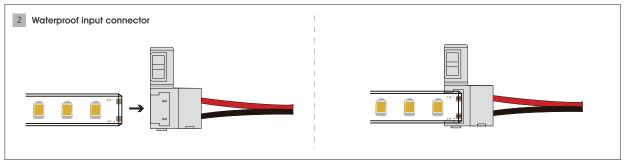
Non-waterproof connector





2.Waterproof connector















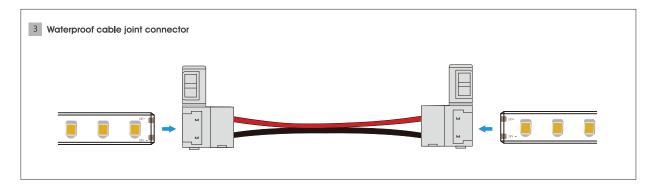




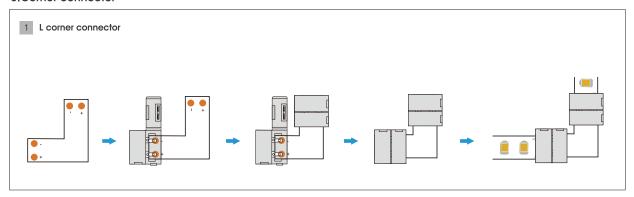


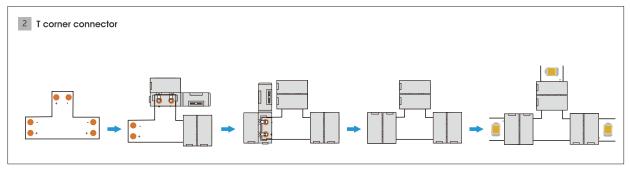


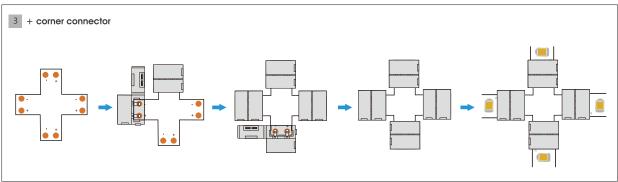




3.Corner connector



















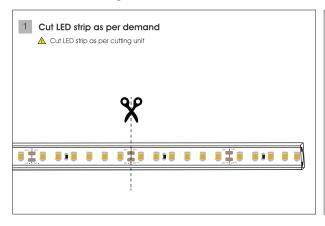


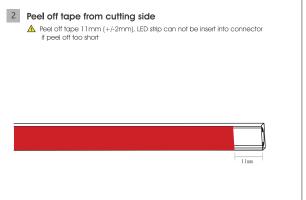


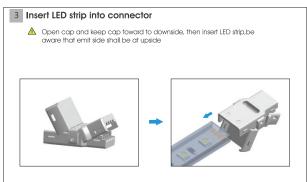


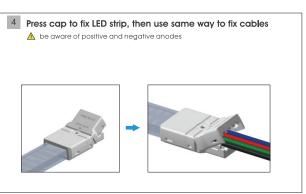


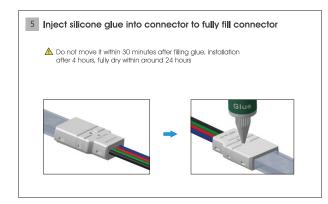
4. IP67 non-sodering connector

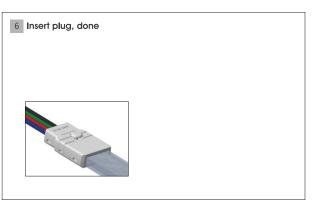
























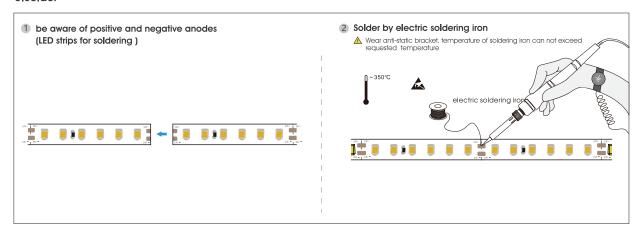








5.Solder



Fixed accessories

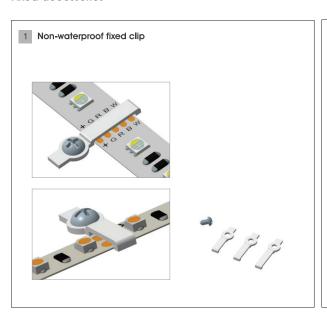




















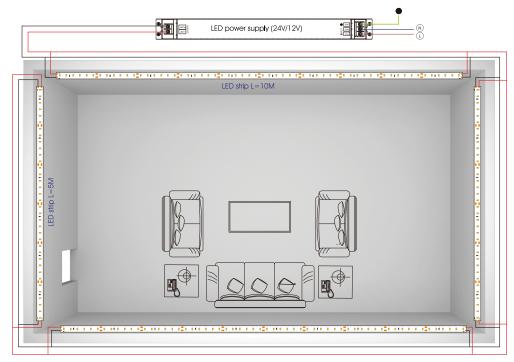




Diagram of power supply wiring

1.One power supply connects to several LED strips (constant voltage)

 \triangle Power on at one side, L<5m; power on at two sides, L<10m



2. Several power supplies connect to several LED strips

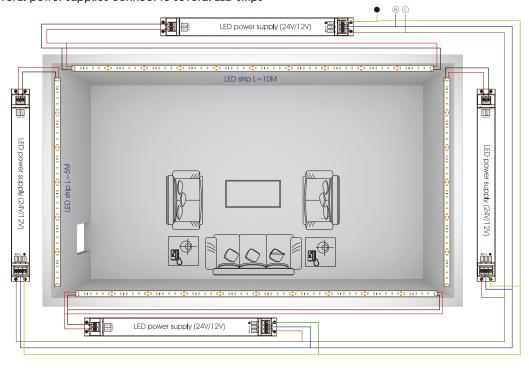
















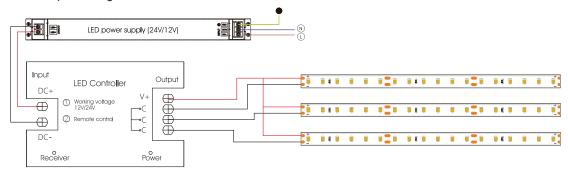




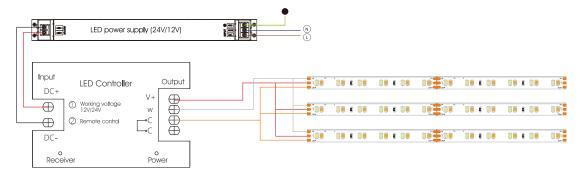


Diagram of controller wiring

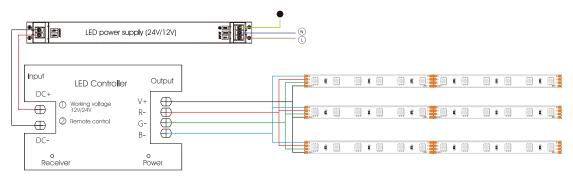
1. Homochromy dimming controller



2.Dual-color tunable controller



3.RGB controller















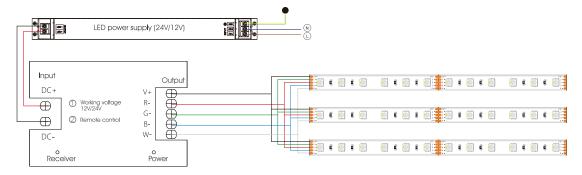




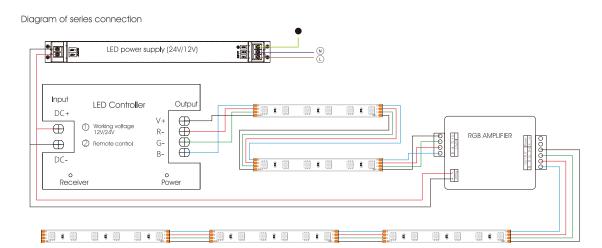


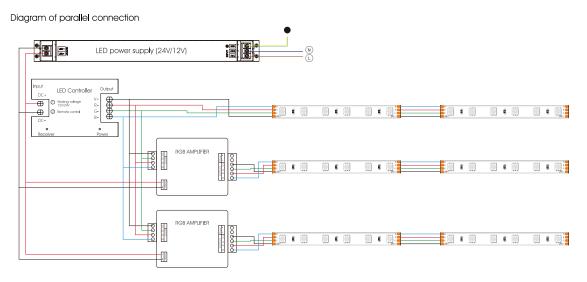


4.RGBW controller



5.Diagram of amplifier wiring























Attention



Attentions of installation

- 1. Application space is with no chemical compositions such as sulphur, acid, halogen etc
- 2.Operating temperature -20°C~45°C
- 3. Non-waterproof products are used for indoor only, environment humidity lower than 55%
- 4.IP55 waterproof products could bear short time little water spray, do not use for environment humidity higher than 80% for long time
- 5.IP65 waterproof products could bear atmospheric environmental impacts and short time little water spray, do not use for environment humidity higher than 80% for long time
- 6.IP66 nano-waterproof products could be used for outdoor damp environment, but can not be soaked in water for long time, do not exposure at UV environment.
- 7.IP67 silicone extrusion with hollow inside waterproof products could be used for outdoor, could bear water gage no more than 1 meter for short time, need to do protection for anti-squeeze and anti-UV.
- 8.IP67 silicone glue filling waterproof products could be used for outdoor, could bear water gage no more than 1 meter for short time, need to do protection for anti-squeeze and anti-UV.
- 9. Please use isolated constant voltage LED power supply with ripple wave is less than 5%. Can not use resistance capacitance step-down or non-isolated power supply.
- 10. Suggest to use each LED power supply to drive no more than 5 meters of LED strip to get better performance.
- 11. Ensure that GND of each power supply must be connected to groud.
- 12. In order to make sure proper usage and long lifespan, do not pull cables vigorously, do not touch LED to avoid damage by static.
- 13. In order to make sure stability and long lifespan, do not bend LED strip below diameter 60mm, do not fold LED strip to avoid damage of LED.
- 14. Install products at proper environment.
- 15.Please operate it carefully when power-on, do not touch AC power wire to avoid electric shock.
- 16. Suggest to retain 20% of power of LED power supply as margin (use 80% of power of power supply) to make sure better performance.
- 17. Be aware of positive and negative anodes, do not make wrong connection, make sure proper voltage to avoid damage products.

