

User Guide

RF 2.4G RGB LED DMX512 Master Set

XC is a multi-pixel RGB DMX512 Master, which can control up to 170 RGB pixels. By RF remote controls you can select from a variety of dynamic lighting effects, adjust changing speed and brightness, set control channel quantity, adjust RGB sequence etc. you can also customize two kinds of scene modes to bring you fantastic color.

Feature

- Mini-style RF 2.4G multi-pixel RGB controller with DMX512 signal output.
- Send international standard DMX512/1990 signal to DMX512 decoders or RGB LED lamps with DMX decode chip.
- Adopt 2.4GHz wireless technology, remote distance up to 30m.
- Built in 32 dynamic mode, include horse-race, chase, flow, trail, gradual change style.

Technical parameter

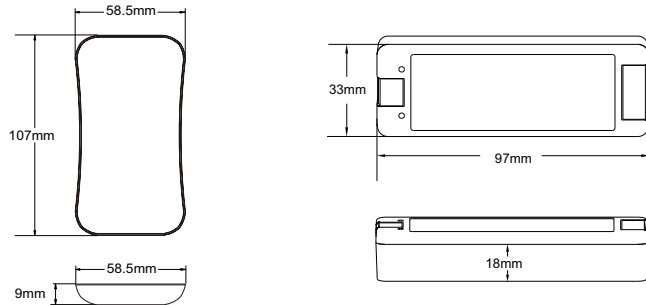
LED Remote

- Output signal: RF(2.4GHz)
- Working voltage : 3VDC(CR2032)
- Standby time: 2 years
- Remote distance: 30m
- Size: L107*W58.5*H9mm

LED Receiver

- Input voltage: 5-24VDC
- Output signal: DMX512
- Output dots: 170(510ch) Max
- Size: L97*W33*H18mm

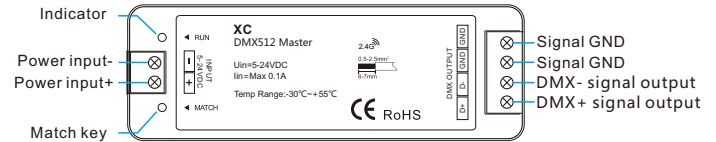
Dimension



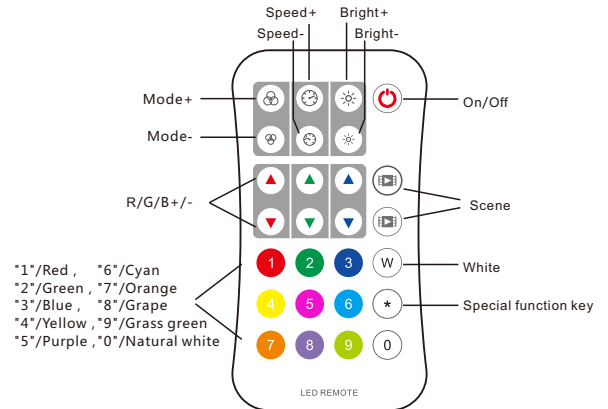
Match guide

1. Match: Short press match key of the receiver, within 5s, press on/off key of the remote.
2. Delete: Long press match key of the receiver for 5s, delete all matched remote.

Interface instruction



Remote function



Mode+/-: Short press switch dynamic mode built in controller, long press 2s Mode+ run mode cycle, long press 2s Mode- run the first mode.

Speed+/-: Adjust dynamic mode speed, short press 10 levels, long press 2s get the fastest / slowest speed.

Bright+/-: Adjust brightness, short press 10 levels, long press 1-5s for continuous 256 levels adjustment.

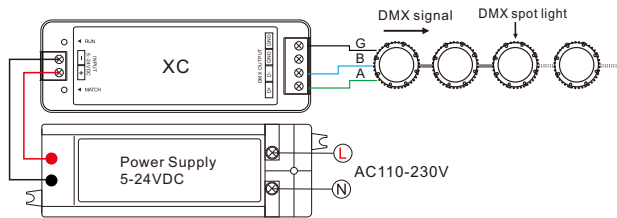
R/G/B+/-: Adjust R/G/B brightness respectively, short press 10 levels, long press 1-5s for continuous 256 levels adjustment.

White: Adjust white color, short press turn on/off white(RGB mix), long press 1-5s for continuous 256 levels saturation adjustment.

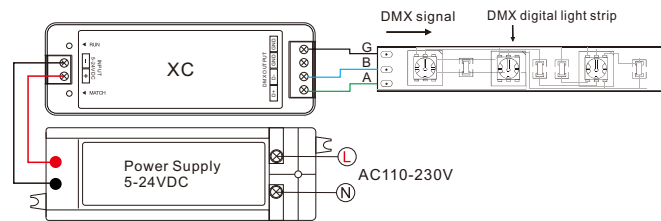
Scene: Two scene memory, short press recall the scene, long press 2s save current color into the scene.

Wiring diagram

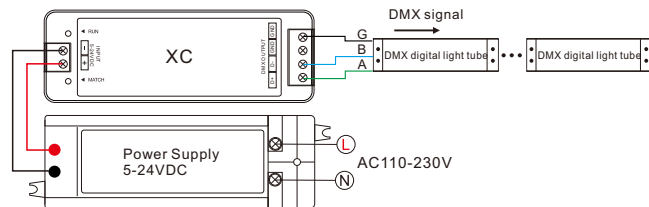
XC connect with DMX spot light



XC connect with DMX pixel strip



XC connect with DMX Digital light tube



RGB change mode list

No.	Name	No.	Name	No.	Name
1	Red horse race white ground	12	Blue White chase	23	Purple float
2	Green horse race white ground	13	Green Cyan chase	24	RGBW float
3	Blue horse race white ground	14	RGB chase	25	Red Yellow float
4	Yellow horse race blue ground	15	7 color chase	26	Green Cyan float
5	Cyan horse race blue ground	16	Blue meteor	27	Blue Purple float
6	Purple horse race blue ground	17	Purple meteor	28	Blue White float
7	7 color multi horse race	18	White meteor	29	6 color float
8	7 color horse race close + open	19	7 color meteor	30	6 color smooth sectionally
9	7 color multi horse race close + open	20	Red float	31	7 color jump sectionally
10	7 color scan close + open	21	Green float	32	7 color strobe sectionally
11	7 color multi-scan close + open	22	Blue float		

Use remote set DMX LED lamp parameter

- Set LED lamp length [channel number(24~512)]. * + 3 number + * for example:
 048, set channel number to 48 (16 RGB pixels).
 510, set channel number to 510 (170 RGB pixels).
- Set LED lamp RGB order. * + 1 number + *
 1 : RGB, *2* : RBG, *3* : GRB, *4* : GBR, *5* : BRG, *6* : BGR.

Safety information

1. The product shall be installed and serviced by a qualified person.
2. The product is non-waterproof. Please avoid the sun and rain.
3. Good heat dissipation will prolong the working life of the controller, Please ensure good ventilation.
4. Please check if the output voltage of any power supplies used comply with the working voltage of the product.
5. Ensure all wire connections and polarities are correct and secure before applying power to avoid any damages to the LED lights.
6. If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.