iPixel LED Light Co., Ltd

86 full touch panel manual

1、 Product features:

Wireless RF iron shell 86 full touch controller is a LED controller with advanced point-control touch technology. There are five types of products in this series to choose from, which are used to control monochrome, two-line/three-line color temperature, RGB, RGBW, There are five types of RGBWC light bars; dynamic lighting effects such as gradient, jump, gradual light and dark, flicker, and flash can be selected according to different needs of customers, as well as a variety of static colors to choose from. It can be widely used in home decoration, shopping mall advertising, bar and other application places. It has the advantages of flexible wiring, convenient wiring and simple use.

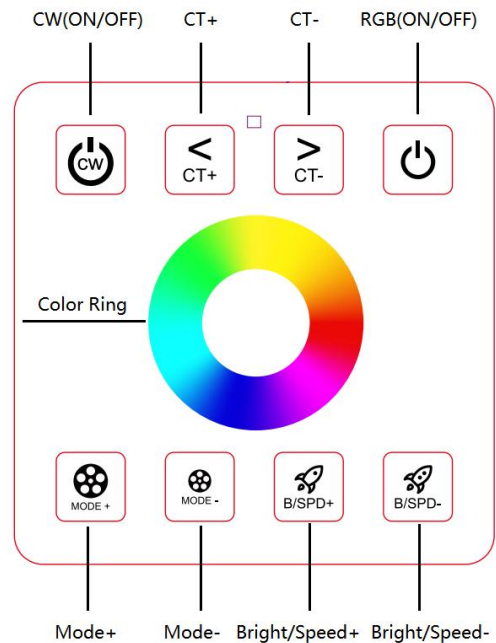### 2、 Remote control function description:
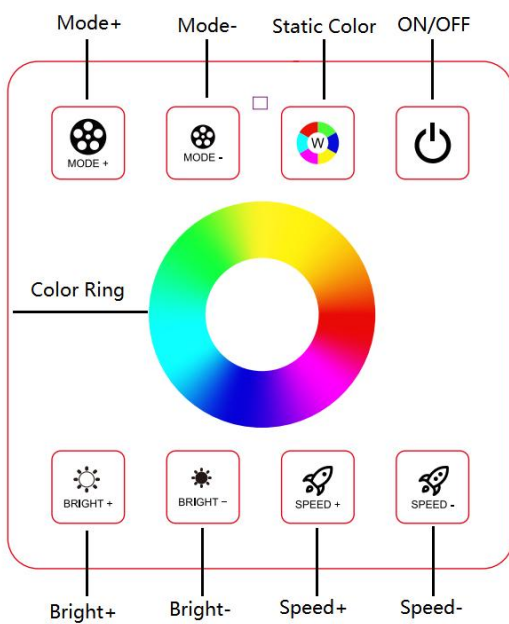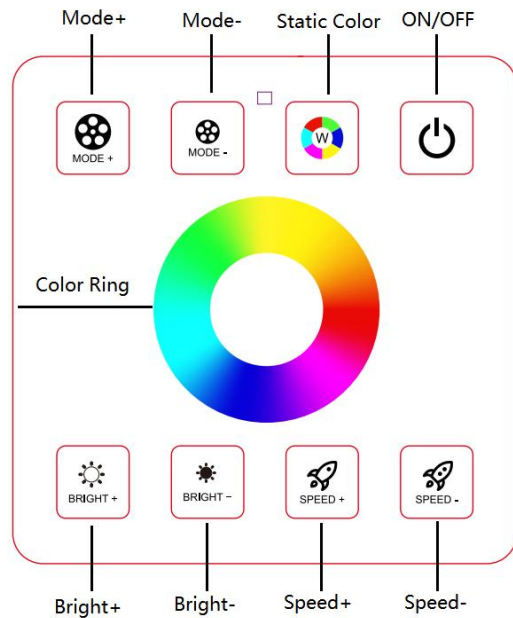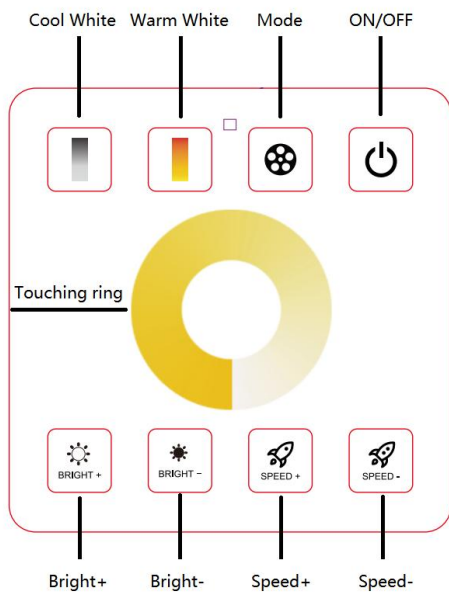
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3、Mode list:

CCT

RGB

RGBW

RGBWC

（1）CCT：

1	White light / warm light / neutral light jUMP
2	Sunset (cannot adjust speed and brightness)
3	Sunrise (cannot adjust speed and brightness)
4	Warm white gradient
5	Neutral white gradient
6	Cool white gradient

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7	White / warm light transition
8	Warm white jump
9	Neutral white jump
10	Cool white jump
11	White light / warm light / neutral light jump

1. Working voltage: DC 12-24V

2. Working temperature: -20-60°

3. Output current/power: 5A*2CH, , 12V<120W, 24V<240W

4. Weight: 170 grams

5. Product size: L85*W62*H22mm

6. Packing size: L110*W94*H42mm

7, INPUT: input power positive / negative

8. OUTPUT: output light with positive pole/CW/WW

9. Pay special attention to DOUBLE LINE OUTPUT: the two-wire light strip can only be connected to these two interfaces

Code matching : long press the Cool white button within 5 seconds after the controller is powered on, and the light bar flashes slowly for 3 times.

Code clearing : press and hold the Warm white key within 5 seconds after the controller is powered on, and the light bar flashes quickly for 3 times.

（2）RGB：

1	Red gradient	Red jump	Red flash
2	Green gradient	Green jump	Green flash
3	Blue gradient	Blue jump	Blue flash
4	Yellow gradient	Yellow jump	Yellow flash
5	Purple gradient	Purple jump	Purple flash
6	Cyan gradient	Cyan jump	Cyan flash
7	White gradient	White jump	White flash
8	3 colors gradient	3 colors jump	3 colors flash
9	7 colors gradient	7 colors jump	7 colors flash

1. Working voltage: DC 5-24V

2. Working temperature: -20-60°

3. Output current/power: 10A*3CH, 5V<150W, 12V<360W, 24V<720W4

. Weight: 170 grams

5. Product size: L85*W62*H22mm

6. Packing size: L110*W94*H42mm

7, INPUT: input power positive / negative

8. OUTPUT: output light with positive pole/R/G/B

Note: Brightness and speed can be adjusted in each mode

Static colors: red, green, blue, yellow, purple, cyan, white. (loop switch)

BRIGHT brightness plus or minus: 10 levels (can be fired in burst)

SPEED speed addition and subtraction: 10 levels (can be fired in burst)

Code matching : keep press MODE+ button within 5 seconds after the

controller is powered on, and the light bar flashes slowly for 3 times.
Code clearing : keep press   MOED- button within 5 seconds after the
controller is powered on, and the light bar flashes quickly for 3 times.

（3） RGBW：

1	Red gradient	Red jump	Red flash
2	Green gradient	Green jump	Green flash
3	Blue gradient	Blue jump	Blue flash
4	Yellow gradient	Yellow jump	Yellow flash
5	Purple gradient	Purple jump	Purple flash
6	Cyan gradient	Cyan jump	Cyan flash
7	White gradient（RGB Mixed）	White jump（RGB Mixed）	White flas（RGB Mixed）
8	White gradient	White jump	White flash
9	3 colors gradient	3 colors jump	3 colors flash
10	7 colors gradient	7 colors jump	7 colors flash

1. Working voltage: DC 5-24V

2. Working temperature: -20-60°

3. Output current/power: 10A*4CH, 5V<200W, 12V<480W, 24V<960W

4. Weight: 180 grams

5. Product size: L103*W62*H22mm

6. Packing size: L110*W94*H42mm

7, INPUT: input power positive / negative

8. OUTPUT: output light with positive pole/R/G/B/W

Note: Brightness and speed can be adjusted in each mode

Static Colors: Red, Green, Blue, Yellow, Purple, Cyan, Mixed White, Single
White, Mixed White + Single White, White + Red, White + Green, White + Blue,
White + Yellow, White + Purple, White +Cyan 15 colors are optional (white light
is white alone) (cycle switching)

BRIGHT brightness plus or minus: 10 levels (can be fired in burst)

SPEED speed addition and subtraction: 10 levels (can be fired in bursts)

Code matching : keep press MODE+ button within 5 seconds after the
controller is powered on, and the light bar flashes slowly for 3 times.

Code clearing : keep press   MOED- button within 5 seconds after the
controller is powered on, and the light bar flashes quickly for 3 times.

（4） RGBWC：

1	Red gradient	Red jump	Red flash
2	Green gradient	Green jump	Green flash
3	Blue gradient	Blue jump	Blue flash
4	Yellow gradient	Yellow jump	Yellow flash
5	Purple gradient	Purple jump	Purple flash
6	Cyan gradient	Cyan jump	Cyan flash
7	White Gradient（RGB Mixed）	White Jump（RGB Mixed）	White flash（RGB Mixed）

8	Warm white gradient	Warm white jump	Warm Explosive flash
9	Cool white gradient	Cold white jump	Cold Explosive flash
10	White/warm light transition	White/warm jump	White/warm flash
11	Warm-Cold gradient	Warm-Cold jump	Warm-Cold flash
12	3 colors gradient	3 colors jump	3 colors flash
13	7 colors gradient	7 colors jump	7 colors flash

1. Working voltage: DC 5-24V

2. Working temperature: -20-60°

3. Output current/power: 10A*5CH, 5V<250W, 12V<600W, 24V<1200W

4. Weight: 180 grams

5. Product size: L103*W62*H22mm

6. Packing size: L110*W94*H42mm

7. INPUT: input power positive / negative

8.OUTPUT: output light with positive pole/R/G/B/W/C

Note: Brightness and speed can be adjusted in each mode.

Color temperature +/-: 31 color temperature levels plus or minus

Brightness/speed addition and subtraction: dynamic speed adjustment, static brightness adjustment. 10 levels (can be fired in bursts)

Code matching : keep press MODE+ button within 5 seconds after the controller is powered on, and the light bar flashes slowly for 3 times.

Code clearing : keep press   MOED- button within 5 seconds after the controller is powered on, and the light bar flashes quickly for 3 times.

4、Precautions:

1.Please connect according to the input power supply of the controller. You need the power adapter to be used together. Do not directly input high voltage or other voltages. Please pay attention to safety when connecting.

2.Please connect the power supply, controller and lamps in the power-off state, and then turn on the power after connection. Please do not reverse the positive and negative poles of the input and output.

3.Please do not use it with overload, check the maximum output current of the device, otherwise it will cause damage to the device or affect the service life; please pull out the edge cover under the remote control before using the remote control.

4.Please do not use it in a high dust and high temperature environment. Turn off the power if not in use for a long time.

5.Non-professional engineers should not disassemble or disassemble replacement parts by themselves to avoid equipment damage.