iPixel LED Light Co., Ltd

2.4G 4-zone RGB(W)Led Strip Light Controller

Welcome to use RGB(W）led strip light controller,in this manual ,you will learn how to use RGB 4-zone controller &RGBW 4-zone controller, please read the instruction carefully before using.
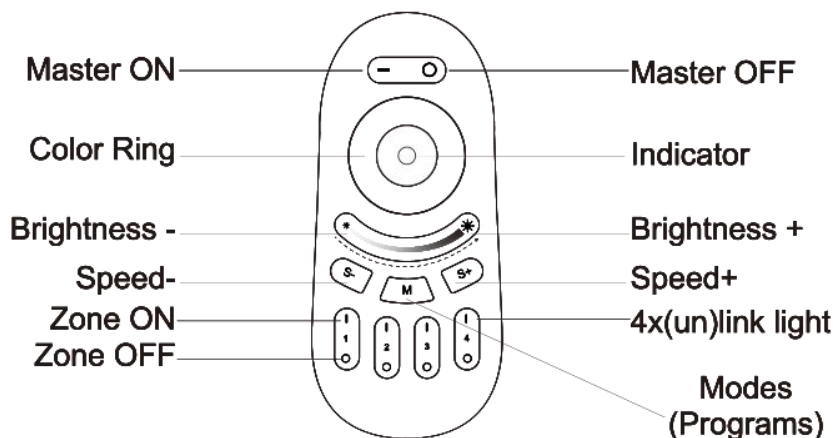
Ⅰ.Product Description

With the technology of the 2.4G high frequency wireless remote control,it has the characteristics of low power consumption,long distance transmission,and strong anti-interference ability,high speed telecommunications,etc.The remote looks fashionable and elegant,with simple and practical functions of color changing and brightness dimming,the capacitive touch screen design makes the remote easy to use.

Ⅱ.Technical Data

Remote	Size	120*52*20mm
	Power	AAA battery*2pcs
	Material	ABS
	Fabrication processing	Multicolor printing &UV varnish
Controller	Size	85*45*23mm
	Working voltage	DC12V--24V
	Control way	RGB three channels/RGBW four channels
	Max load per channel	6A
	Output connection	Common anode
	Telecontrol distance	30 meters
	Programs	9 kinds

Ⅲ.Function of Keys

Master ON — Master OFF
Color Ring — Indicator
Brightness - — Brightness +
Speed- — Speed+
Zone ON — 4x(un)link light
Zone OFF — Modes (Programs)

Ⅳ.Program List

Programs:

Programs 1(RGBW Fade Out)

This program fades in and fades out the color red,green,blue and white one after anther.

Programs 2 (Color Flash)

In this program,red,green,blue,white ,yellow purple flashes to change.

Programs 3 (Disco)

Different colors strobe and flash to change.

Programs 4 (Red Color Ramp up and flash)

In this program,red color brightens from 0%-100% and shuts down,then flashes three times.

Programs 5 (Green Color Ramp up and Flash)

In this program,green color brightens from 0%-100% and shuts down,then flashes three times.

Programs 6(Blue Color Ramp up and Flash)

In this program,blue color brightens from 0%-100% and shuts down,then flashes three times.

Programs 7(Color Change+Flash)

Here several colors fade into each other and then flash randomly

Programs 8(Fade in and Fade out)

Here different colors fade into each other.

Programs 9(Strobe White)

Just white color flashes up.

TIPS:

TO dim all RGBW lights at once or change the color ,first press 'Master ON'.To do this with individual lights,first press'Zone ON'.Secondly,choose the color or brightness according to the color ring or brightness ring.

For RGB led strip light,the white is mixed from Red,Green and Blue,so the white is not pure.

For RGBW led strip light,the white is pure white.
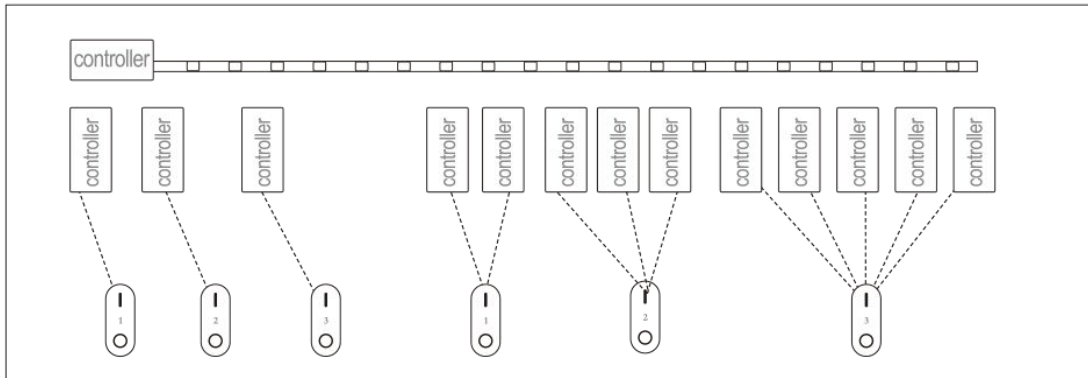
Linking new lights to the remote controls:

1.Choose which zone you want to assign the light(1 to 4).

2.Switch off the main power supply of the light in the select zone with the main switch or pull the plug.

3.Now switch on the light again and within 3 seconds shortly press one of the 'Zone ON' buttons one time on the remote control.

4.When this link operation is successful,the light slowly blinks 3 times on and off.

192*125mm 反面

Unlinking the lights:

1.Check via the remote control to see which zone(1 to 4)is already linked to a lights.
2.Switch off the main power supply of the lights with the main switch or plug from the socket.
3.Now switch on the light again within 3 seconds press 5 times quickly and shortly on one the 'Zone ON' buttons which you wan to unlink.
4.When this unlink operation is successful,the light quickly blinks 6 times on and off.

Grouping of several lights
You can add endless number of lights to a zone on the 4 channel remote by linking the lights to different zones.This way you are completely flexible in creating different group combinations.below you can see some grouping examples.

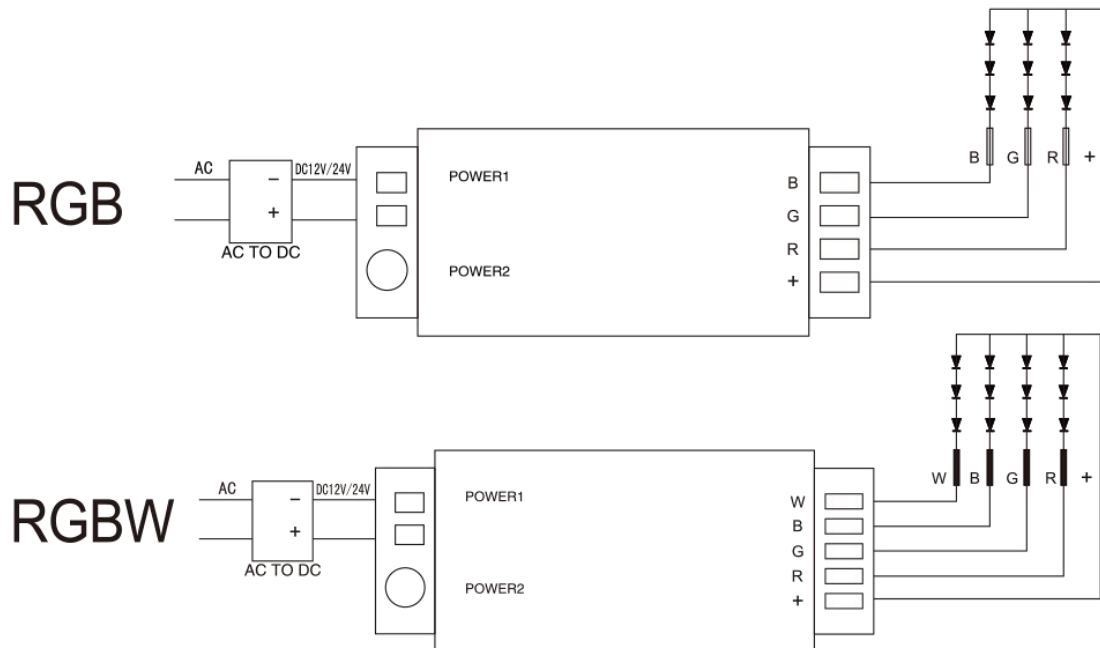We recommend using rechargeable batteries for the remote controls.
For that reason,we don't include ordinary batteries.We hope you appreciate our environment friendly choices and they do not cause you any inconvenience.

Attention:

1.The regular for sale is a kit(remote and controller).The user can re-programme freely as needed.One remote can control countless controllers,but one controller can only be controlled by four remotes(Max).

2.Please check the battery installation and controller(totally discharge the power),when you programme after switching off and switching on.

Ⅴ.Connection

RGB

AC	DC12V/24V	POWER1		B
				G
AC TO DC		POWER2		R
				+

B G R +

RGBW

AC	DC12V/24V	POWER1		W
				B
AC TO DC				G
		POWER2		R
				+

W B G R +

Ⅵ.Attention

1.Please check whether the input voltage of the constant voltage power supply is in accordance with the controller,and please check the connection of both the controller will be broken.

2.Please don't connect wires with power on.Please switch on again only when it is right connection and no short circuit.

3.Please keep your finger off the touch ring when install the batteries,to improve its sensitivity,and use the remote(3 seconds later) after the batteries are installed.Please reinstall the batteries,if the touch ring is found low-sensitivity.

4.Please do not use the controller in the place with widely range metal wave nearby, otherwise,the remote distance will be seriously affected.

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