PPCS
· WATERCOOLING · MODIFICATIONS ·

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PPCS Smart WIFI RGB LED Controller - Wireless for iPhone ,Android or IOS 4A*3CH, DC12-24V

$49.95

Product Images

LED Strip Not Included

Short Description

PPCS NEW WIFI-V01 controller appeared with the installation of controlling software on mobile devices with Android or IOS system, it can remote control LED lighting products through WiFi, which makes LED control more intelligent and humanization. One WIFI-V01 controller can be used as dimmer, CT controller, and RGB controller, only need to select the right control interface in the software.

Description

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Features

- Support both wifi control of Apple products (iPod, iPad, iPhone), Android mobile devices like Samsung, HTC, and RF wireless remote control.
- With the 3-in-1(Dimming, CT, RGB) apple/android software. One device suit to different lighting application scene.

- Memory function to save scenes anytime anywhere for next play.
- WIFI-V01 is designed for constant voltage led products, working voltage auto fit to DC12-24V.
- Wifi control based on 2.4GHZ frequency, RF remote control based on 433.92MH

Output to led   Power Input

V+ CH1- CH2- CH3-   V+ GND
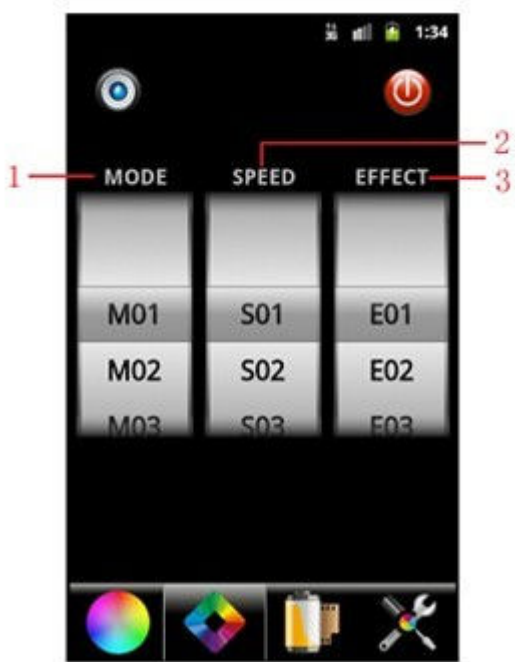
    CH2~WW   CH1~WC   V+~COM

CT control interface:

CT Interface

No.	Button	Function
1	DIY mode saving key	After DIY, click this key to save. Saving the DIY mode in anytime
2	ON/OFF	Turn on/off WIFI-V01
3	Color value	Display the R/G/B gray value, "L": the current brightness level.
4	Color board	Select any static color mode from the board.
5	Brightness slip	Slip to adjust the current light brightness, 100 levels in total.
6	System setting	Click to system setting page, set the WIFI connection and select the application scene (Dimming, CT, RGB).
7	DIY memory function	Go to DIY modes select page. Display all of the DIY modes.
8	Dynamic modes	Go to select the dynamic modes.
9	Current application show	Display the current application scene.

Dynamic modes control interface:

- MODE: select the different dynamic mode, such as flash, fade and etc;
- SPEED: select the speed level of the dynamic mode,100 levels in total;
- EFFECT: select the different effect based on the different mode
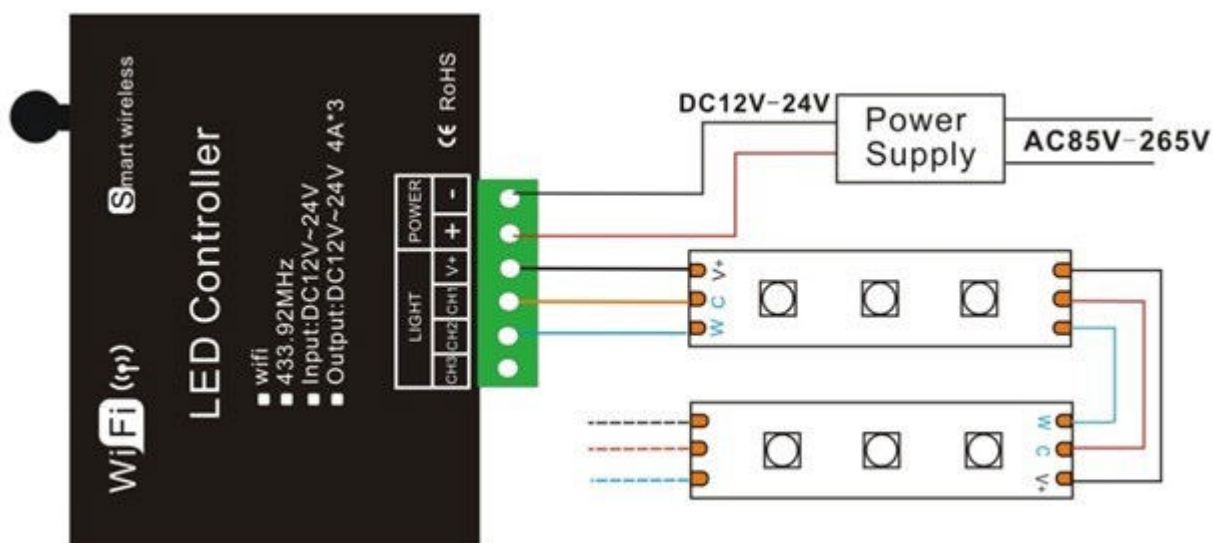
DIY modes manage interface:

System Setting interface:

- System Settings:wifi connection Setting;
- Product Attributes Settings:Type Setting (RGB/CT/DIM)

Indicator light	Function table
Power	Power indicator light, long-time bright shows power supply is working normally
Wifi	Long-time bright in normally connection, when receives wifi signal data flicker.
RF	Flickering when receives correct control signal from wifi device or RF remote control; and die out in free time.

RESET key:Press and hold at least 5 seconds, WIFI previously set data will be cleared to return to the factory default

CT connection:

CT full touch remote control:

Function of each button as below:

Name of key	Instruction	Remarks
ON	Turn on the device in any time	
OFF	Turn off the device in anytime	
Mode	The mode will move to next, when touch the key each time	9 modes in total.
Speed/Brightness +	The Speed/Brightness will +1, when touch the key each time	Speed for dynamic modes, Brightness for static modes.
Speed/Brightness -	The Speed/Brightness will -1, when touch the key each time	Speed for dynamic modes, Brightness for static modes.
Color Ring	Touch any color temperature which is wanted.	

Modes as below:

NO	Patterns	Remarks
1	Static warm white and cool white	Brightness is adjustable, speed is unadjustable
2	Warm white and cool white flash	Speed is adjustable, brightness is unadjustable

3	Warm white and cool white fade
4	Warm to cool flash
5	Warm to cool fade
6	Static warm white, cool white flash
7	Static warm white, cool white fade
8	Static coo white, warm white flash
9	Static coo white, warm white fade

Specifications

- Item Type: RGB Controler
- Model Number: WF-V01
- Warranty: 1 Year
- Button Number: 5
- Applicable Lights: LED strip
- Certification: CE,RoHS
- Power Source: DC
- Max. Load Power: 288
- Connection Mode: Common anode
- Controled Method: RF remote
- Customized: Yes
- Voltage: 12V
- Remote Distance: 20
- Wattage: 144
- Features: Wifi controller
- Oscillation frequency: 433
- Color: Black
- Material: Aluminum

Controller:

Working temperature	-20-60degree	Working voltage	DC12~24V
Power consumption	<3W	Connect method	Common anode
WIFI brightness level	100	WIFI speed level	100
Remote control brightness level	32	Remote control speed level	100
N.W.	150g	G.W.	230g
Case dimension	L108*W63*H28mm	Box dimension	L109*W55*H56mm

Output	3 channels	Output current	≤4A(each channel)
WIFI frequency	2.4G	RF remote control frequency	433.92Mhz
Output gray scale	256	Memory function	support
Receiving sensitivity	802.11b:DSSS(-5dBm) 802.11b:CCK(-10dBm) 802.11g:OFDM(-15dBm)		
Output power	12V: ≤144W 24V: ≤288W		

RF remote control:

Working temperature	-20-60degree	Power supply	AAA*3
Standby current	7uA	Working voltage	1.5V*3
Working current	10mA	Remote control distance	Up to 30m
RF frequency	433.92Mhz	Power consumption	0.04mW

Software

Name	FreeColor V1.0	Platform	Android 2.1 or above, IOS4.3 or above, with the wifi function
Size	Android(661KB) , IOS(Being certified in)		
Category	Communication	Language	English

Package:

- 1* Wifi controller
- 1*5 key remote controller
- 1*instruction manual

Additional Information

Brand	PPCS
SKU	PPCS-WF-V01
Weight	1.5000
Lighting Type	Flexible LED Strip
Light Accy Type	Controller
LED Color	RGB
Internet Reviews	 "The Performance-PC's Smart WiFi RGB LED Controller is a neat little piece of kit. The ability to remotely control the color and lighting patterns inside your PC is a great idea. The handheld RF remote works perfectly. Click here to read more