User Manual

Products Name:Wireless RF 20 Keys LED Controller
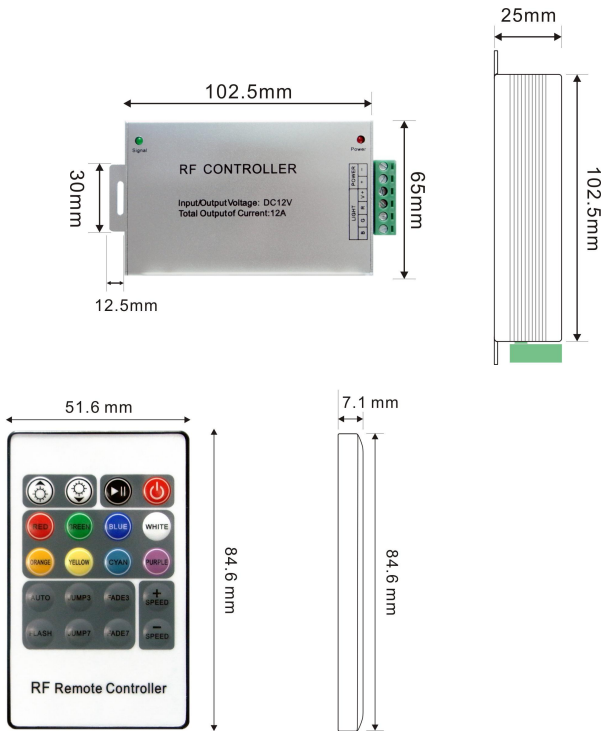
Model No:FC-L1B-R20Q

Products Description:

Wireless RF 20 Keys RGB controller adopted the advanced computer control chip. Its mainly used to control all kinds of constant voltage led lights,such as:LED source, LED strips,led wall washer,wall Glass curtain lights,etc.It integrated with easy connection,simple manipulation and power off memory function.User can choose color jump, fade,flash mode ,and the lights brightness are adjustable according to the user actual requirement.
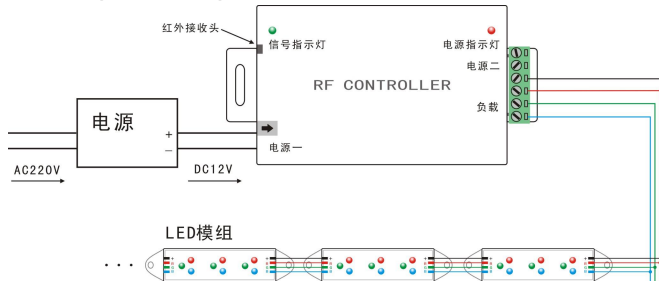
Technical Parameters:

● Working Temperature ：-20-60℃

● Input voltage：DC12-24V Optional

● Output：3 circuit

● Connection mode：Common anode or Cathode

- Controller size：L102.5XW65XH30mm

- Package size：L135XW80XH54mm

- Net weight：190g

- Function Model : 14models

- Static power consumption ：<1W

- Output current ：<4A/ch

- Output power： 12V/4A < 144W；24V/4A< 288W；

External Dimension:

Connecting Drawing:

Key Functions:

RF20 Keys		Key Function
	On/off	Turn on/off
	Brightness+/-	Press this two keys to increase/decrease the brightness
	Static color mode　key	Can be choose the Static model fast by the key
	Speed up/down	press these two keys to increase/decrease the changing speed
	AUTO	Press this key to realize Dynamic mode
	FLASH White color strobe	Press this key to realize 7 color strobe
	JUMP3　Dynamic mode key	Press this key to realize 3 color jump
	JUMP7 Dynamic mode key	Press this key to realize 7 color jump
	FADE3 Dynamic mode key	Press this key to realize 3 color fade mode
	FADE7 Dynamic mode key	FADE7 Dynamic mode key

Direction for using:

1.Connect the load wire at first, following by the power wire; Please ensure short circuit can not

2. Operation: you will receive remote control in front of receiver to ensure that there is no barrier between the remote controller and receiver.

3.The key-press functions are shown in the table as below (in accordance with the key position order):

Brightness +	Brightness -	pause	ON/OFF
Static red	Static green	Static blue	Static white
Static orange	Static yellow	Static Cyan	Static purple
Auto run	Three color jump	Three color fade	Speed +
Flash	Seven color jump	Seven color fade	Speed -

Common Problem and solution method:

Problems	Possible cause	Solution
Lamp does not light after power	1.Power cord is not properly connected, or there is not output switching power supply 2.Lamp power cord is not connected or short circuit	1.Connect the power cord properly or replay the power 2.Connected lighting power cord
2. After connecting some of the load the controller does not work	The connected load is too large，so that it has burned in some of the components of the controller	Replace parts of components or replace the controller
3. After connecting to power the controller is working properly，but	1. The blank on the button cell of remote controller did not pulled out 2. the remote controller do not	1.Take away the transparent blank 2.Target the remote controller to the receiver

remote control can not work	target the receiver	