

## RJ45-RGB Operating Instructions



## RF CONTROLLER

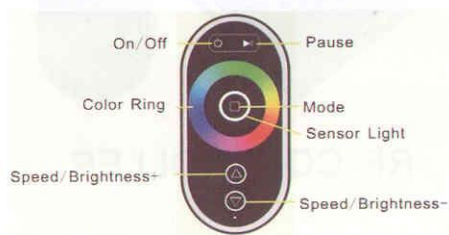
### I. Specifications

Working temperature: -20-60°C  
 Product size: L91\*W88\*H24 mm  
 Output: Three CMOS drain-open output  
 Max output current: 8A each colour

Supply voltage: DC12V~24V  
 Net weight: 270g  
 Connecting Mode: Common anode

### II. Control Method

1. Adopt RF remote to control the led controller, the function of each button as the table below:



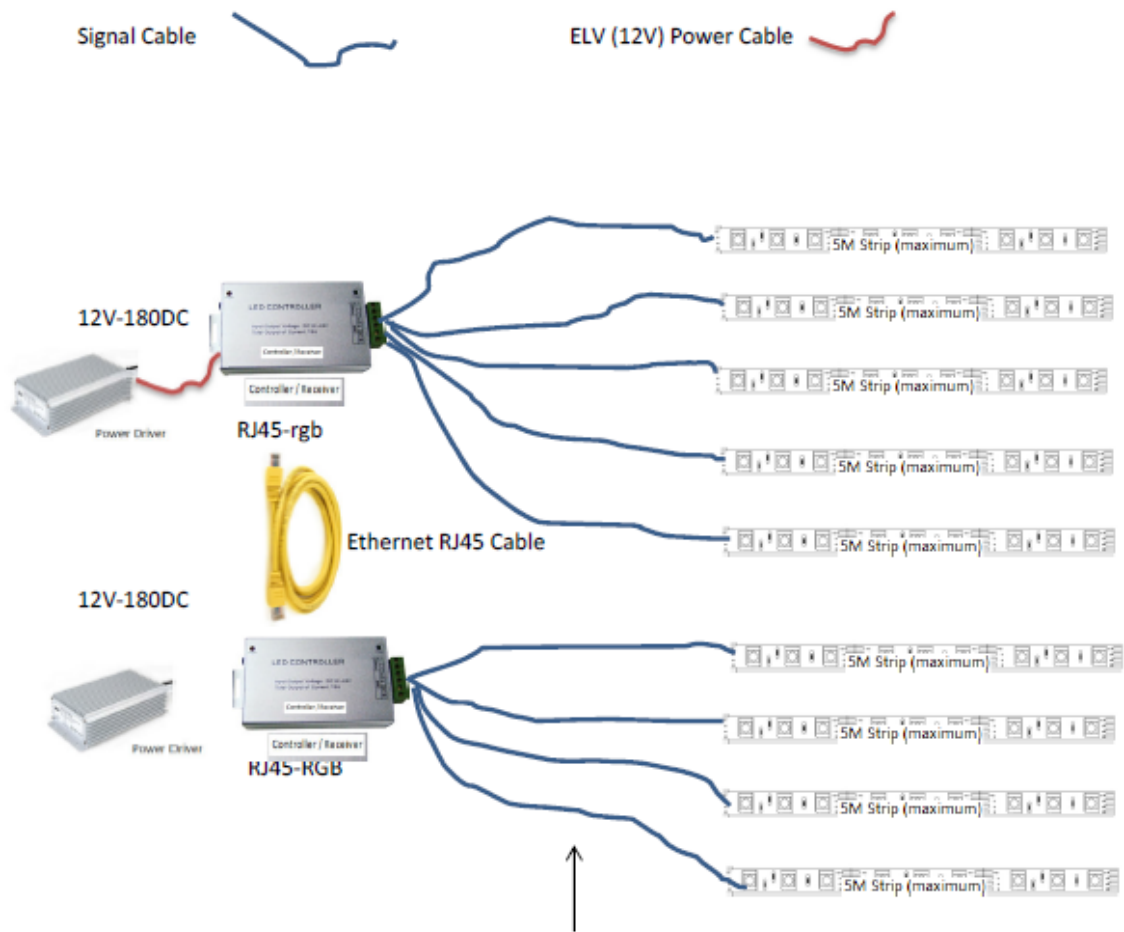
Name of key	Instruction	Remarks
ON/OFF	ON or OFF in any time	
Pause	Pause or Continue	
Mode	The mode will go to next, when you touch the key each time	9 modes in total.
Speed /Brightness +	The Speed/Brightness will add, when you touch the key each time	Speed for dynamic modes, Brightness for static modes.
Speed /Brightness -	The Speed/Brightness will subtract, when you touch the key each time	Speed for dynamic modes, Brightness for static modes.
Colour Ring	Touch any required colour	

Style changing table as below:

No	Patterns	Remarks
1	Static warm white	Brightness is adjustable, speed is unadjustable
2	Static cool white	
3	White breath	Speed is adjustable, brightness is unadjustable
4	Seven-colour jumpy changing	
5	Seven-colour smooth	
6	Seven-colour fade	
7	R/B crossfade	
8	B/G crossfade	
9	G/R cross fade	

2. Synchronization function: Synchronization control system can be made of any number of controller connections. Each of the sub-controller would follow to the first master controller to achieve a permanent synchronous change.

## 45M Using RJ45-RGB controller



Signal Cables could be combined into one Cat5/Cat6 cable, but amount of wires must be doubled

**RJ45-RGB synchronisation** – Colour synchronisation only on Radio Frequency or Full functions synchronisation with RJ45 cables links.