



Product Speciality

- 3 channels, 5A maximum for each channel;
- With output protecting function, it could extend the life of LED;
- Maximum 32 modes can be selected, and 256 levels of grayscale;
- Speed and brightness can be adjusted separately for each mode;
- Mode, suspend power memory function;
- Change patterns and suspension of power-off memory function;
- Soft ON/OFF switch.

Product Specification

Power input	DC12~24V
Power output	5A(Max) per channel, $12V \leq 180W$; $24V \leq 360W$
Standby Power	<0.5W
Size	211(L)X40(W)X30(H) mm
Weight	300g

Change Mode Instruction

1: Static Red	9: 7-color flicker	17: White jumping	25: White fade in, fade out
2: Static Greed	10: 6-color jumping	18: 7-color gradual change	26: RG fade in, fade out
3: Static Blue	11: 6 color flicker	19: RGB gradual change	27: RB fade in, fade out
4: Static yellow	12: RGB jumping	20: RG gradual change	28: GB fade in, fade out
5: Static purple	13: RGB flicker	21: RB gradual change	29: Red fade in, fade out
6: Static cyan	14: RG jumping	22: GB gradual change	30: Green fade in, fade out
7: Static white	15: RB jumping	23: 7-color fade in, fade out	31: Blue fade in, fade out
8: 7-color jumping	16: GB jumping	24: RGB fade in, fade out	32: Switch

Operation Instruction



Buttons' function on the controller :

'TEST' Make the RF controller work homologous with the controller.

The purpose to have this function is to make sure the RF controller will work correspondingly with this controller, not a different one, as well as not to be interfered by other RF signals.

How to use this function? Power the controller, and then press the "TEST" button, then press any button on the RF remote controller.

Instruction of buttons on RF remote controller:

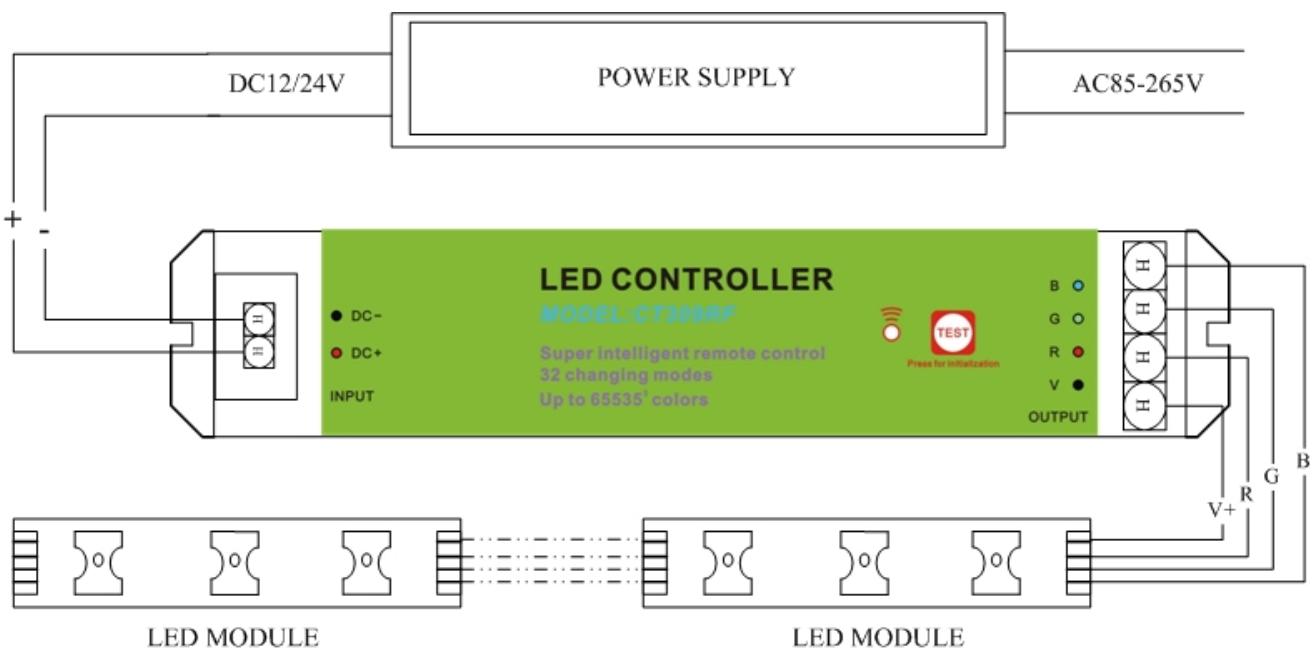
- 1: Press this button to change to next mode.
- 2: Press this button to change to previous mode.
- 3: Press this button to speed up (Default speed is at the fastest level).
- 4: Press this button to speed down.
- 5: Press this button to retain the current color, press the button again to keep changing.
- 6: Press this button to turn off, press again to turn on.

REMARK:

1. For CT309RF, please clear code before match code; the way of clear code: press the "TEST" button continually, red light on at the moment. (it is successful when the red light off.)

2. the way of match code: press the "TEST" button continually, press "any launch" button (the red flash, it's successful).

Wiring instruction

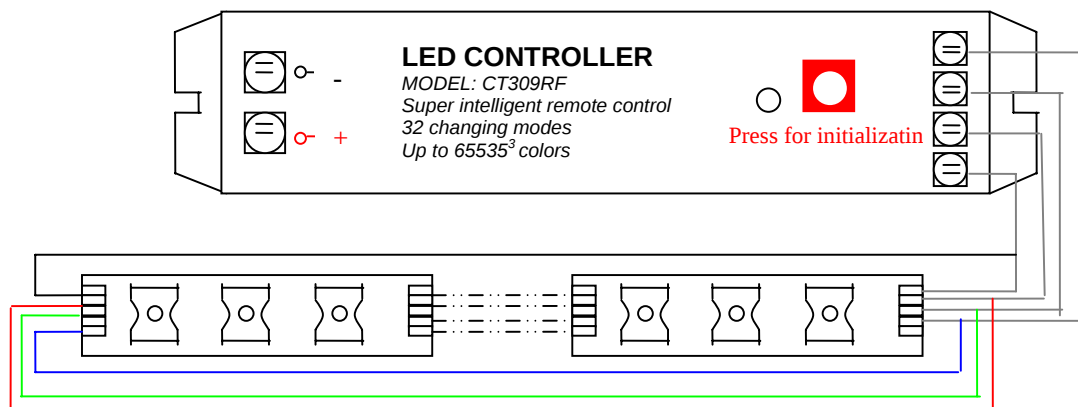


Remark:

Can control various single color modules and RGB modules with the common anode.

Installation Instruction

- (1) The input voltage should be limited in rated range.
- (2) Do not use it by over load.
- (3) Installed in suited environment.
- (4) If the load line is too long, you should link it like a ring as below.



- (5) The all load must be the module with the common anode

Troubleshooting Guide

Problem	Reason	Solution
1.All the lamps were off	The power wire not connected well or no output	Reconnect the power wire or change a power supply
	Lamp's power wire not connected well	Reconnect the power wire
2. Some color was off	Wire of this color not connected well	Reconnect the power wire
3. Irregular flicker	Line is too long or not connected well	Shorten the line or add a amplifier