Product Specifications

NAME: RF Controller
MODEL: QL-CTL-O

Master controller   **Slave controller**

Summarization

Wireless synchronization controller is used to control full-color RGB LED strip the new controller, the controller can select the DIP switch on the communications frequency, so as to achieve the same frequency as the primary communication, the effect of changes synchronized from the controller. Set the dial code for each controller can be in the main, from the control function of conversion. Lord, from the data transmission between the controller by wireless means, its easy to use, no signal cable between the controller, therefore, particularly suitable for the alignment between the controller inconvenient occasions. The distance wireless transceiver and controller work related to the environment, indoors, 20 to 50 meters communication distance is a stable and efficient, open air environment, the effective distance is farther.

Master controller technical parameters

- working temperature: -20-60℃
- supply voltage: DC 12V , 24 V < optional > (supply voltage should be marked on order)
- grey grades :256
- output: 3 channels
- connection mode: common anode
- external dimension: L126×W65×H30mm
- packing size: L133XW70XH35 MM
- static power consumption: <1W
- output current: <4A(each channel)
- output power: 12V:<144W, 24V:<288W

Slave controller technical parameters

- working temperature: -20-60℃
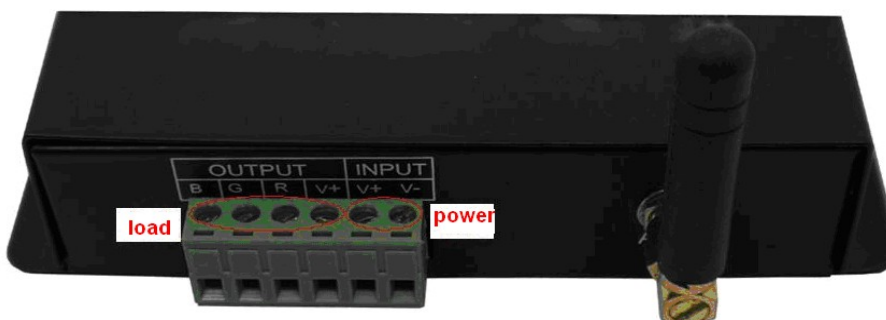
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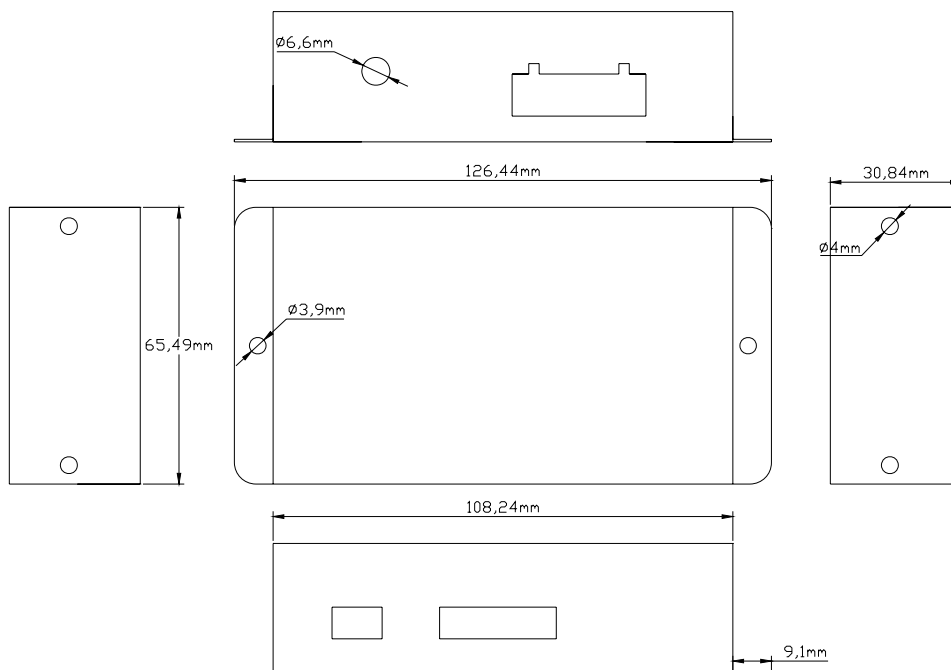
Master controller and Slave controller Interface Specifications

Power input and Load output interface:

Product Specifications

Power input DC12V, output RGB signal lamps with a total positive connection. The interface from left to right were: B, G, R, COMM, power supply positive (+), power negative (-)

Button Function：

A total of four buttons are Mode, Para, Up, Down.

1, Mode is the mode keys: each time, plus one model, you can choose other modes mode key.

2, Para parameters key: it can choose the speed adjustment, brightness adjustment. Frequency adjustment.

(1) Speed Ref: 100.The fastest, the value is 0, while the slowest is 99.When this parameter choice, the first digital display "P".

(2) the number of brightness: minimum 0, maximum 99.When this parameter choice, the first digital display "b".

(3) Working frequency selection, a total of 16 0 to 15 working frequency. When this parameter choice, the first digital display "A".

Parameters can be key to exit the mode, LED will display properly, then the first two is the digital display mode, the latter two digital display is the brightness (static) or speed (dynamic).

3, Up to increase the key: to increase the selected parameter values, plus one each time.

4, Down is to reduce the key: decrease the selected parameter value, each time by one.

15 key remote control: namely, the key to open, pause, increase the key, reducing the key, each key corresponding to the remaining 11 models.

Direction for Use

1, Automatically complete change after turning on the power, need not any setting; Please ensure short circuit can not occur between connecting wire before you turn on the power.

2, sub-controllers around should be arranged around the main controller;.

3, the effective range of the controller work and work environment related to the effective working distance indoors is 20 to 50 meters, the environment is open, the effective distance farther.

Typical Applications

master controller model:
dial-up10=off

slave controller model:
dial-up10=off
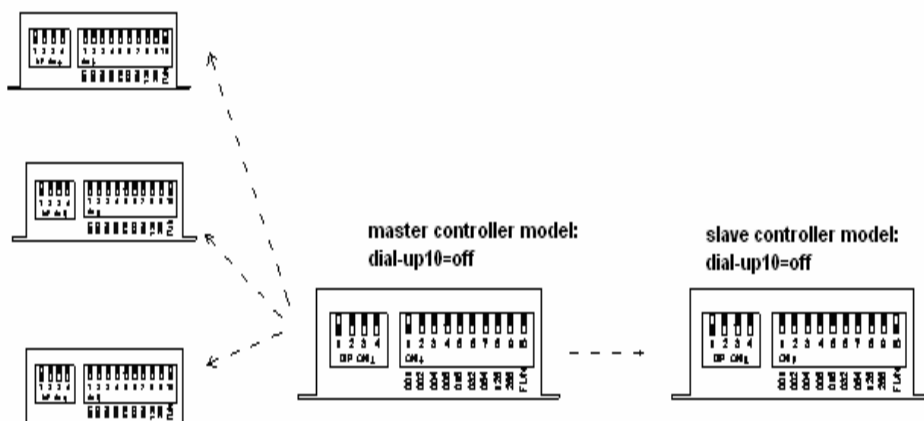
Note: the same work area, a main controller is a must.