



Product Specifications

NAME: Single Dream-color Controller

MODEL: LN-CON1606-RF6B-MAIN(single color)



Summarization

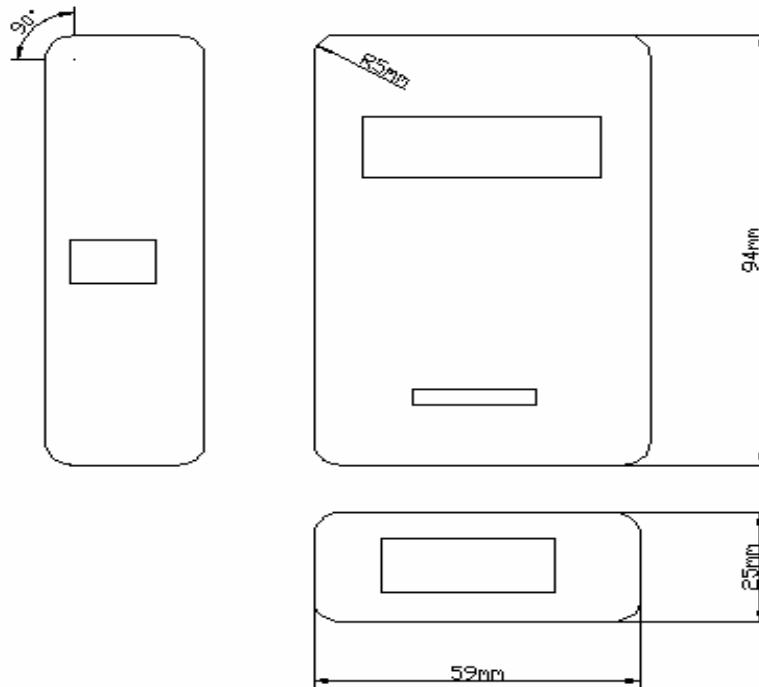
RF Dream-color controller is designed for led production which use HL1606 as driver , it has 128 grayscale , Length setup funtion and Power-fail memory function, you could choose it freely in a lot of programs, meanwhile, you could adjust all kinds of dynamic lighting changes by RF remote controller. It is very useful for light box advertisement, stage light, house decorating and so on.

Technical parameters

- working temperature: -20-60°C
- supply voltage: DC12V
- external dimension: L94XW59XH25 mm
- packing size: L145XW95XH50 mm
- net weight: 205 g
- gross weight: 235 g
- rated power: 2.2W
- output: two SPI signals



External Dimension



Interface Specification

Power input interface:



Adopt conventional DC power Transposon as power input interface.

Load output interface:











Adopt 5-pin Connector pin.

G S D C L



Direction for use

1. Connect the load wire at first, following by the power wire; **Please ensure short circuit can not occur between connecting wire before you turn on the power.**
2. There are eight buttons altogether on controller panel, and every button function as follows:
 -  ON/OFF button,it can open or close led anytime, when led is on the state of closing, the LCD will display **IC NUMBER: *****, ******* is the value of current setting.
 -  Play/pause button, when you want to see the static effect of led , you may press this button to pause.
 -  Adding button, to add the IC NUMBER, the maximum is 255 (510 groups of RGB)
 -  Reducing button, to reduce the IC NUMBER, the least number is 16 (32 groups of RGB);
 -  Program choosing button, up direction, there are 12 programs in all.
 -  Program choosing button, down direction;
 -  Speed-down button, there are 100 steps in all;
 -  Speed-up button.
3. There are six buttons altogether on remote controller panel, and every button function as follows:
 - ON / OFF: you could turn on or off load output at any time;
 - MODE: mode button, you can choose playing or pausing mode, and observe the static results of LED in the state of suspension mode .
 - S +: the button to increase the rate of change;
 - S-: the button to slow down the rate of change, a total of 100 steps;
 - B +: procedures for the selection key and up choice, a total of 83 procedures;
 - B-: procedures for the selection key, down choice.
4. The description of signal output interface: L, K ,D, S is the corresponding signal of HL1606,which is L_I,CK_I,D_I,S_I.

5. Standard color changes as follows:

Mode	Functions	Mode	Functions
1	Static fullbright	7	Forward horse race
2	Overall stroboscopic	8	Forward trailing running
3	Forward flow	9	Reverse trailing running
4	Reverse flow	10	Curtain-up trailing running
5	A single point of running back and forth	11	closing trailing running
6	Reverse horse race	12	automatic cycle from 2 to11



Typical Application

