

## Mini Wireless Dream Color Controller

**Features:** The history of the smallest, function most powerful, most effect programs

**Can be controlled:** TM1812, TM1809, TM1804, TM1803, WS2811, WS2812, WS2812B, UCS1912, UCS1909, UCS1903, TA9912, TA9909, TM1829, TM1826, TM1825, LS1003, INK1003...Series IC, Ordering please specify IC models.

### I、 Basic parameters:

- **Operating Voltage:** DC5V, DC7-12V, DC24V three versions (ordering please specify).
- **Operating Current:** <30 mA.
- **Operating Temperature:** -20°C——60°C.
- **Size:** L29 \* W12 \* H3 mm.
- **Weight:** 0.02kg.
- **Effect Programs:** 300 kinds of effects, covering all dream color controllers effect on the market.
- **Operation:** 14-key multifunction RF wireless remote control (433.92MHZ) and 4-key high-power RF wireless remote control key in two versions.
- **Maximum control number of pixels:** 2048 pixels
- **Signal wires Maximum length:** 30 meter
- **RF wireless remote control distance:** 50 meters (14-key multi-function RF remote control), and 500 meters (4-key high-power RF remote control)

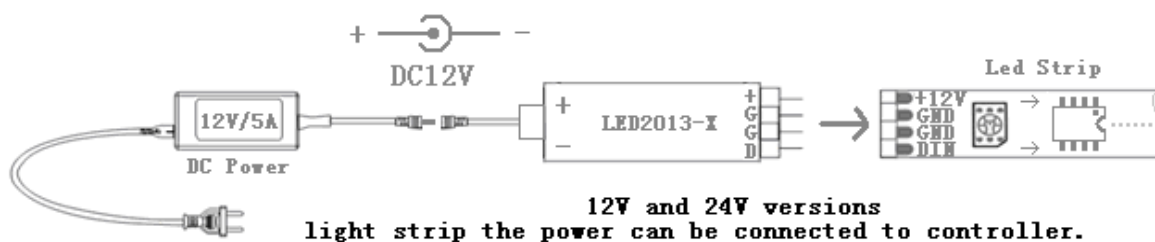
### II、 Product picture:



14-key multi-function RF remote control versions

Model: LED2013-RF-14KEY

**III、 Connection diagram** (12V and 24V versions, light strip the power can be connected to controller. 5V version control "+" no voltage output. So light strip the power can't be connected to controller. ) :



#### IV、 Functions and features:

- Volume history of the smallest (1.2cm×2.9cm).
- RF **integrated** on the motherboard, sensitive and stable, simple and convenient.
- **300** kinds of effect programs, spike all controllers on the market.
- Maximum can be controlled **2048** pixel points.
- **Any combination** 16 effect programs of the custom play list function, to meet customer demand for self-programming (with 14-key multi-function RF remote versions have this feature).
- 14-key **multi-function** RF remote control (433.92 MHz) or 4-key **high-power** RF remote control. Powerful, intuitive operation, very far remote distance.
- RF remote control **pairing** function or all RF remote control universal function.
- Can be adjustment **32** brightness of Static monochrome effect program.
- **Automatic playback**, adjust the number of pixels, adjust the speed, power off **auto-save** feature.
- To purchase a master controller, you can **wirelessly synchronize** all controllers (within 500 meters).

#### V、 Operating Instructions:

##### 4-key high-power RF remote control versions of the operating instructions:

**On/Off:** Power on / off. (when off automatically saving parameters).

— : Effect Programs - / Speeds -.

+ : Effect Programs + / Speeds +.















**Mode/Speed:** "+" And "-" keys to adjustment effect program or adjustment speed the function switching.

**Auto Play method of operation:** When the "Mode/Speed" and "-" keys pressed simultaneously will automatically play 300 kinds of effect programs.

**Adjust pixel point methods of operation:** Shutdown can be adjustment pixel points. Press the "On / Off" button to shut down, press the "Mode / Speed" button to enter the pixel points adjustment menu, then press the "+" and "-" to adjust the number of pixel points, the adjustment process at the same time live "Mode / Speed" button to quickly adjust. After adjustment Press "On / Off" button to save and exit.

##### 14-key multi-function RF remote control versions of the operating instructions:

### The operating Instructions at playing status (power on):


	Power on / off. (When off automatically saving parameters).
	300 effect programs +.
	300 effect programs -.
	Speeds + (10 speed adjustable) / Brightness + (To adjustment brightness + function in static monochrome effects. 32 brightness adjustable. long press 15S can achieve the brightest).
	Speeds - (10 speed adjustable) / Brightness - (To adjustment brightness - function in static monochrome effects. 32 brightness adjustable. long press 15S can reach the darkest).
	AutoPlay feature. If you want to auto playing 300 kinds of the effect programs. first press "MODE +" key, and then press this button. If you want to auto playing at Custom play lists, first press "DIY +" key, and then press this button.
	The currently playing effect programs add to the Custom play lists. Can add up to 16 programs.
	Deleting the currently playing effect program from the custom play lists.
	Effect program + of custom play lists.
	Effect program - of custom play lists.
	Static white. / Cancellation RF remote control and the Controller Match feature, long press this button for 5 seconds, will Cancellation RF remote control with the controller matches, the controller can be used all RF remote. After the operating successful, light strip white light flashes three times.
	Static red.
	Static green. / Setting the RF remote control and Controller Match feature, long press this button for 5 seconds, will setting RF remote control with the controller matches, the controller can't be used other RF remotes. After the operating successful, light strip green light flashes three times.
	Static blue. (Pressing the "MODE +" key to switch to the static yellow, Static Cyan, Static purple).





### The menu operating Instructions at shutdown status:


#### Adjust pixel point methods of operation :

- 1、 First, ensure that the controller is turned off status, if it is not turned off status,

Please press the  button shutdown.

- 2、 Long press  button for 3 seconds to enter the pixel points adjustment menu.

- 3、 Press the  and  to adjust the number of pixel points, press the  and  each adjustment 32 pixel points.

4、 After adjustment Press  button to save and exit.


Adjust light strip RGB color sequential of operation:


The playing status (turned on), if you press    button of lights strip


display color and button color is inconsistent, amend by the following methods:


1、 First, ensure that the controller is turned off status, if it is not turned off status,


Please press the  button shutdown.

2、 Long press  button for 3 seconds to enter the setup menu.

3、 Press the  button to adjust until the light strip is display as red.

4、 Press the  button to adjust until the light strip is display as green.

5、 Press the  button to adjust until the light strip is display as blue.

6、 After adjustment Press  button to save and exit.

## FCC COMPLIANCE

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: —Reorient or relocate the receiving antenna. —Increase the separation between the equipment and receiver. —Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. —Consult the dealer or an experienced radio/TV technician for help. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation. Caution: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.