Operation Instructions of Controller

I. Specifications:

Controller:

Working temperature: -20-60 ℃

Output: 3 CMOS drain- open output

Max load current: 8A each color

Net weight: 340g

Wall-panel:

Working voltage: AC90-265V 50/60Hz

Dimension: L86*W86*H34mm

Controller supply voltage: DC12~24V

Connecting Mode: Common anode

Product size: L91×W89×H24mm

RF frequency: 433.92MHz

Structure: 86-type European standard

II. Control Method:

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

Color Ring — Mode

Speed/Brightness - — Speed/Brightness +

OFF — ON
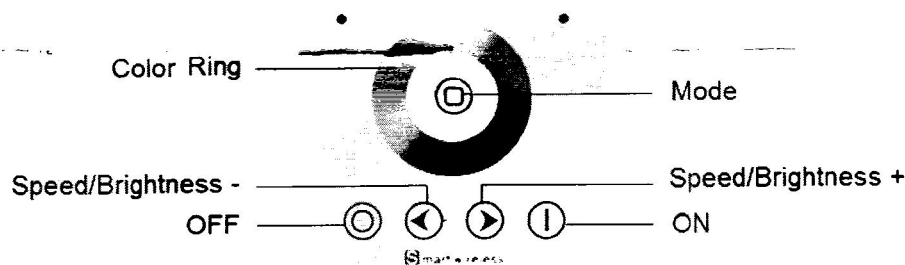
Style changing table as below:

No	Patterns	Remarks
1	Static white	Brightness is adjustable
2	White flash	Speed is adjustable, brightness is unadjustable
3	White breath	
4	Three-color jump changing	
5	Seven-color jump changing	
6	Three-color gradient changing	
7	Seven-color gradient changing	
8	R/G cross fade	
9	R/B cross fade	
10	G/B cross fade	

2. Synchronous function: to achieve multiple dimmers sync-work by RJ45 terminal.

Tips: Receiver can be controlled by any one the same remote as factory default; the wall-panel remote control delivered with unique RF code as factory default; if unique-control is needed, please matching the code before installation and using.

Matching code operation

If unique-control or new-coded-remote is needed, pairing the remote and the receiver as below operation instruction before using:

1) **Step 1**: Pressing key **"mode"** and hold on, power on the controller, the load LEDs will be 50% brightness white as responding.

2) **Step 2**: Continuously to press the key **"ON"** for 3 times within 5 seconds after step 1 ,the brightness of LEDs will change from 25% -10% as responding.

3) Code learning successfully, the LEDs will be back to the status before the power off, and the receiver only can be control by the remote.

4) If not, please re-operate from step 1 to 2.

III. Panel specification and connecting drawing as follows:
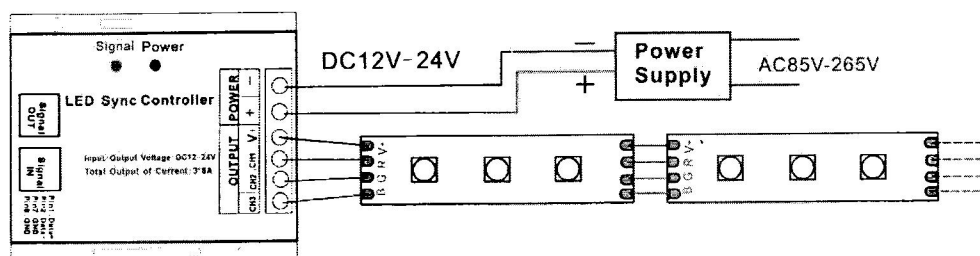
IV. Warning:

1. Supply voltage of this product is DC12~24V, never connect to AC220V.

2. Lead wire should be connected correctly according to colors that connecting diagram offers.

3. Warranty of this product is one year, but exclude the artificial situation of damaged or overload working.