section three color strobe light Description

★Please read this manual carefully before use★

Thank you very much for purchasing our LED series lamps. For your personal safety and better use of this product, please read this manual carefully before use, and operate according to the rules to avoid personal safety and lamp damage caused by misuse.

●Operation instruction:

After opening the box, carefully check whether the light is damaged due to transportation, such as whether the screws are loose, whether the lens is broken, etc. Please check before powering on, check whether the light is placed in the correct and stable position, and check whether the power supply voltage is the same as that of this product. This equipment belongs to Class 1 protection equipment, so the ground wire of the power supply must be grounded and completed by professionals. Check whether the power supply voltage is normal before use.

● Technical parameters:

Voltage: AC100~240V 50/60HZ

Power consumption: 250W

Light Source: 480pcs RGB SMD 5050 Led lamp + 240pcs 0.5w white 5730 Led lamp

Color: RGB + White

Lamp average life time: 50,000 hours

Control: DMX512, automatic, master-slave, sound, with RDM function

Dimmer: 32 bit 0-100% linearly adjustable

Strobe: 1~30HZ

Feature: running + wash + strobe

Connection: DMX512 input and output / power input and output
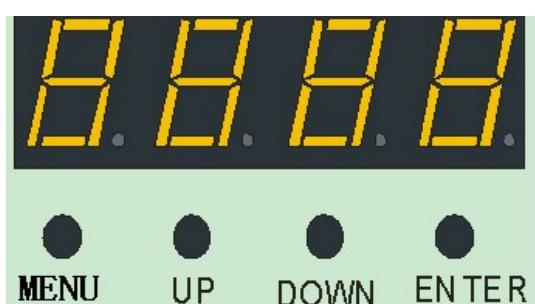
DMX Channel: 4 / 16 / 168CHs

Temperature: -30℃ to 50℃

Material: Aluminum + glass

IP rating: IP65

Product size: 98*8.5*11.6cm

Product net weight: 4.5kg

I. Display panel and key definition

Menu key: Select Function

Up key: parameter recursion

Down key: parameter decrement

Enter key: confirm and save

II. Menu functions

   Press the menu key after power on, the menu function table appears in turn; up or down key to modify the function parameters, enter key to save the current function and parameters (save with power down memory).

   Menu Function Table:

A001	➡	A512	Up or down modify address code (A001~A512) , enter key to save. Default A001
CH03	➡	CH39	Up or down Channel settings, 4/16/168 6 channels Enter key to save. Default CH16
A000	➡	A127	Up or down modify RGB effects, enter key to save.
S010	➡	S010	Up or down modify the speed of RGB effects, enter key to save.
P000	➡	P063	Up or down modify white light effects, enter key to save.
S010	➡	S010	Up or down modify the speed of white light effects, enter key to save.
Q000	➡	Q127	Up or down modify RGBW effects, enter key to save.
S010	➡	S010	Up or down modify the speed of RGBW effects, enter key to save.
R255	➡	R000	Up or down modify red light bead brightness (R000~R255), Enter key to save. Default R255
G255	➡	G000	Up or down modify green light bead brightness (G000~G255), Enter key to save. Default G255
B255	➡	B000	Up or down modify blue light bead brightness (B000~B255), Enter key to save. Default B255
W255		W000	Up or down modify white light bead brightness (W000~W255), Enter key to save. Default W255
T000			Display temperature, such as T045 indicates current luminaire temperature is 45℃; not installed 10 K thermistor, display T000.

III. Master-slave control

Two or more of the same lamps are connected with DMX three-core signal lines, all lamps are set to A001~A512 any address code, any A is set to host, and other lamps are slave; when the host is gradient, pulse, jump, sound control, self-walking effect, slave synchronous gradient, pulse change, jump, sound control, self-walking effect.

Special note :1. a group of lamps can only set up A host, if there are more than A host, all lamps will flash and not synchronized.

   2. all lamps must be master-slave when the DMX512 console is closed.

IV. Factory Settings

   In any address code of A001~A512, press the menu key for 3 seconds to enter the factory setting. The factory setting is mainly the output power of each channel of the lamp, the fan setting mode, the setting temperature protection point, and the function of sending parameters. Press the menu button for 3 seconds to exit in any mode of the factory setting.

   Factory Setting Table:

R255	➡	R032	Up or down modify red light bead current (R032~R255), Enter key to save. Default R255
G255	➡	G032	Up or down modify green light bead current (G032~G255), Enter key to save. Default G255

section three color strobe light Description

B255	➡	B032	Up or down modify blue light bead current (B032~B255), Enter key to save. Default B255
W255	➡	W032	Up or down modify white light bead current (W032~W255), Enter key to save. Default W255
FAN0	➡	FAN1	Fan setting: FAN0 light bead is on to start the fan, FAN1 reaches the set temperature protection point to start the fan, and the ENTER key is saved.
T040	➡	T070	Set the temperature protection point, modify the parameter up or down (40℃~70℃), press the enter key to save, the default is T065.
Send	➡	Send	Send up or down the factory setting parameters of this machine to all other lamps connected in parallel with three-core signal lines; confirm sending parameters and press the menu key for 3 seconds to exit, deny the parameters and press the enter key to cancel sending.

V. DMX512 console

After power on all lamps address code set, connect all lamps with three-core signal line in parallel to the DMX512 console, the address code will stop flashing, indicating that the DMX512 console signal has been sent to the lamp, according to the channel instructions with the DMX512 console control related functions.

CH04 Channel Description:

Channel	Channel values	Basic function
1	000-255	Red beads with linear dimming
2	000-255	Green beads with linear dimming
3	000-255	Blue beads with linear dimming
4	000-255	White beads with linear dimming

CH16 Channel Description:

Channel	Channel values	Basic function
1	000-255	Dimmer
2	000-255	RGB strobe
3	000-255	Red beads with linear dimming
4	000-255	Green beads with linear dimming
5	000-255	Blue beads with linear dimming
6	000-255	RGB Mode (See Mode effect 1: RGB)
7	000-255	RGB speed
8	000-255	White strobe
9	000-255	White beads with linear dimming
10	000-255	White Mode (See Mode effect 2: W)
11	000-255	White speed
12	000-255	RGBW strobe
13	000-255	RGBW Mode (See Mode effect 3: RGBW)
14	000-255	RGBW speed
15	000-255	Background color
16	000-255	Background dimming

CH168 Channel Description:

Channel	Channel values	Basic function
1	000-255	The first paragraph red light beads linear dimmed.
2	000-255	The first paragraph green light beads linear dimmed.
3	000-255	The first paragraph blue light beads linear dimmed.

4	000-255	The second paragraph red light beads linear dimmed.
5	000-255	The second paragraph green light beads linear dimmed.
6	000-255	The second paragraph blue light beads linear dimmed.
...	...	......
142	000-255	The 48th paragraph red light beads linear dimmed.
143	000-255	The 48th paragraph green light beads linear dimmed.
144	000-255	The 48th paragraph blue light beads linear dimmed.
145	000-255	The first paragraph white light beads linear dimmed.
146	000-255	The second paragraph white light beads linear dimmed.
147	000-255	The third paragraph white light beads linear dimmed.
...	...	......
167	000-255	The 23rd paragraph white light beads linear dimmed.
168	000-255	The 24th paragraph white light beads linear dimmed.

VI. Mode effect

Mode effect 1: RGB

Channel values	Model code	Mode effect
0-1	0	No effect
2-3	1	Effect 1.
4-5	2	Effect 2.
6-7	3	Effect 3.
...	...	......
250-251	125	Effect 125.
252-253	126	Effect 126.
254-255	123	Mode code 1-126 cycle.

Mode effect 2: White

Channel values	Model code	Mode effect
0-3	0	No effect
4-7	1	Effect 1.
8-11	2	Effect 2.
12-15	3	Effect 3.
...	...	......
240-243	60	Effect 60.
244-247	61	Effect 61.
248-251	62	Effect 62.
252-255	63	Mode code 1-62 cycle.

Mode effect 3: RGBW

Channel values	Model code	Mode effect
0-1	0	No effect

section three color strobe light Description

2-3	1	Effect 1.
4-5	2	Effect 2.
6-7	3	Effect 3.
…	…	……
250-251	125	Effect 125.
252-253	126	Effect 126.
254-255	123	Mode code 1-126 cycle.