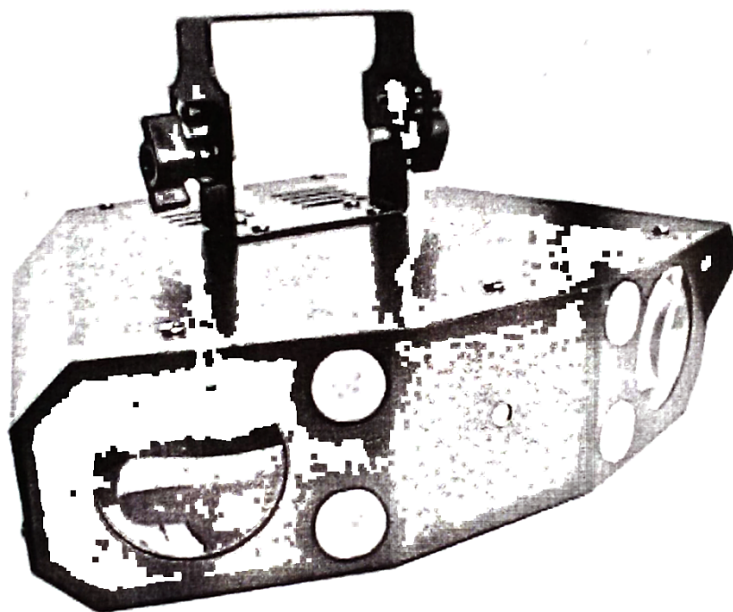# Two Heads Scan+Laser Effect Light

(4pcs 1W White LED + 10pcs 3W R/G/B/W/A LED + Laser

R=150MW,G= 50MW)

User manual

Please read this user manual before using this product.

CE ⌂ 🗑 ✓ ROHS

I. Safety instruction

1. When opening the packing, take all accessories out, and remove the light to a horizontal table for good operation. First check whether the accessories are complete, then check carefully whether the whole light has no damage. If there is any damage, please contact us as soon as possible.

2. AC Power: Check whether the local power supply is accordance with the requirements of the product rated voltage.

3. The product is only suitable for indoor working environment. The light should keep dry, keep away from wet, overheat or dusty environment. Don't come into contact with water and other liquids to prevent or reduce the risk of electric shock or fire.

4. Please do not install the light directly on the surface of the combustible substance.

5. The people who install, operate and maintain of light professional certificate required.

6. When there are faults of the light, please stop using the light immediately. Don't try to repair, please contact the nearest authorized technical assistance center, if the parts damage, always use the same type of parts replaced.

7. Don't touch any electrical wiring in the process of operation to prevent the risk of electric shock.

8. To make sure the light working environment temperature, the highest do not exceed 40 ℃, the lowest do not exceed - 20 ℃.

9. Under the stable cooling working situation, the highest temperature of the housing of the light can reach 80 ℃, please do not touch.

10. The light is design according to the type of electric shock protection. The light should be use in good connection grounding power system and the ground wire must connect with the ground wire of the power supply system. The earth sign port of the light should be connected to the installing fixtures.

11. Do not use the damage of the insulating layer wire and also do not use the power cord overlap on the other wire. When not in use or clean the light, please disconnect the power, don't pull the plug in hard or just drag the wires.

12. There are no components inside for maintenance. Before start operation the light, please check whether all of the shell is installed. In the case of the shell open used the light is prohibited.

Note: Under any installation, maintenance and clean the light, please confirm that has cut off the power cord!

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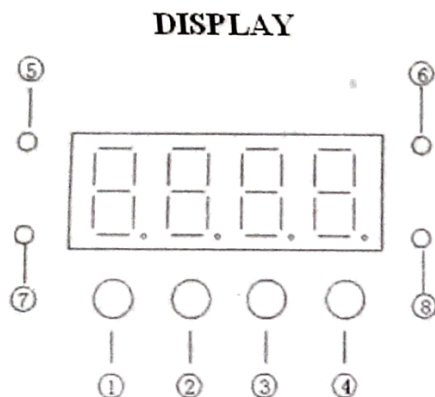
II. Features

1. Built-in master/slave and sound active modes, super show mode
2. LED display, easy to control
3. Suit for disco dance hall, club, bar, party, mobile DJ and so on
4. Channel: 1CH and 21CH
5. Four control modes: Sound active, LED auto run, DMX and master/slave
6. Voltage: AC100-240V 50/60Hz
7. Consumed power: P=45W
8. Light source: 4pcs 1W White LED + 10pcs 3W R/G/B/W/A LED + Laser R=150MW,G= 50MW
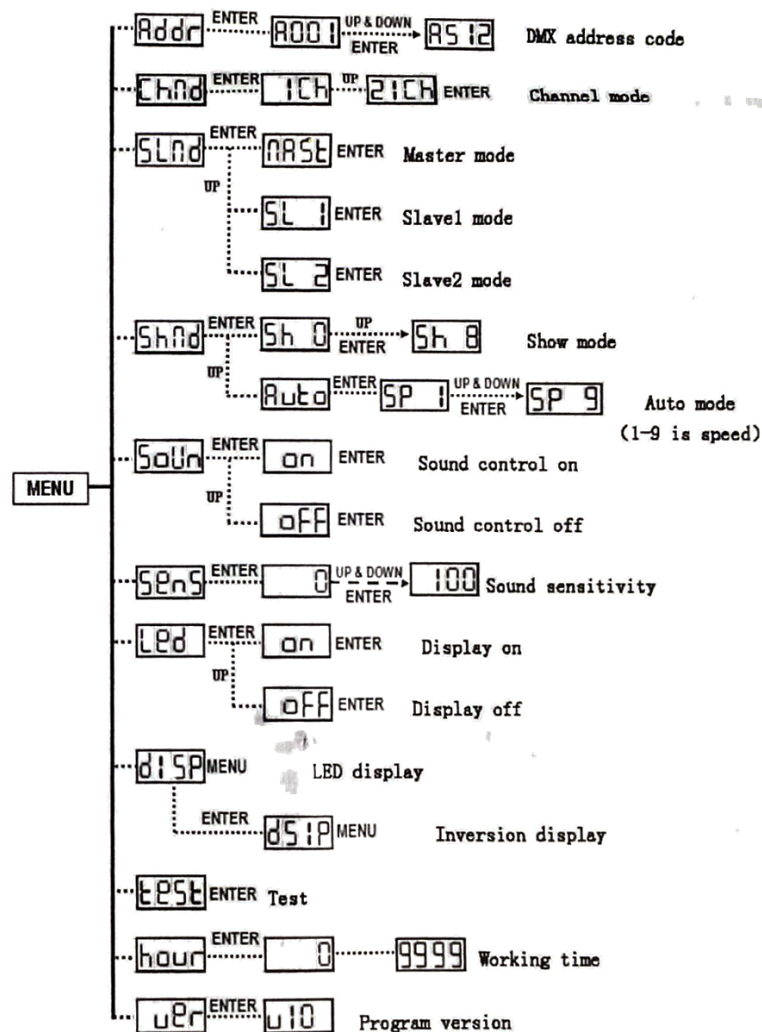9. Light size: 35X28X10cm
10. Weight: 3.05KG

III. Display

DISPLAY

Item	No.	Display	Function	
Button:	①	MENU	Enter/check the menu function	
	②	DOWN	Check the next menu	
	③	UP	Check the previous menu	
	④	ENTER	Enter the selected menu/Enter	
LED	⑤	DMX	strobe	DMX input
	⑥	SLAVE	strobe	Slave mode
	⑦	MASTER	strobe	Master mode
	⑧	SOUND	strobe	Sound active mode

IV. Main function

When choose a function, press **MENU** button, select menu options you want. Press **ENTER** button to the selected function, the display will be strobe, then press **UP/DOWN** button to select the required function, press **ENTER** button, or wait for 10 seconds or press **MENU** button for long time, then enter the menu mode.

Main function:

V. Display program instruction

1. `Addr` DMX512 Address Setting

Choose `Addr`, press **ENTER** button to confirm. Press **UP/DOWN** button to find initial address, then press **ENTER** button to save it. After 10seconds or press **MENU** for long time to return to main menu.

2. `Chnd` Channel mode

Choose `Chnd`, press **ENTER** button to confirm. Press **UP/DOWN** button to select the channel, like `1CH` (1CH) or `21CH` (21CH) mode, etc. Press **ENTER** button to save it. After 10seconds or press **MENU** for long time to return to main menu.

3. `Slnd` Slave mode

Choose `Slnd`, press **ENTER** button to enter, `nAst` (Master) or `SL 1` (Slave 1) or `SL 2` (Slave 2) mode, press **ENTER** button to save it. After 10seconds or press MENU for long time to return to main menu.

4. `Shnd` Show mode

Choose `Shnd`, press **ENTER** button to confirm, enter `Sh 0` (Random show) or `Sh 1` (show 1) or `Sh 2` (show 2) or ... or `Sh 8` (show 8),then press **ENTER** button to save it. After 10seconds or press **MENU** for long time to return to main menu.

Choose `Shnd`, press **ENTER** button to confirm, press **UP** button to enter `Auto`, then press **ENTER** to enter `SP 1`, use **UP** button to increase conversion speed, the maximums speed is `SP 9`.

5. `Soun` Sound Control

Choose `Soun`, press **ENTER** button to confirm. Use **UP/DOWN** button to select `on` (Sound control on) or `oFF` (Sound control off), then press **ENTER** button to save it. After 10seconds or press **MENU** for long time to return to main menu.

6. `SenS` Sound Sensitivity

Choose `SenS`, press **ENTER** button to confirm. Use **UP/DOWN** button to adjust the sensitivity value from no sound control `0` to the max `100`, after selection, then press ENTER button to save it. After 10seconds or press MENU for long time to return to main menu.

7. `Led` LED display

Choose `Led`, press **ENTER** button to confirm. Use UP/DOWN button to select `on` (display on) or `oFF` (display off) mode, after selection, then press ENTER button to save it. After 10seconds or press MENU for long time to return to main menu.

8. `diSP` Display Nixie tube the normal and inversion show

Choose `diSP` （Normal）, press **ENTER** button to confirm, then enter `dSiP` (Inversion),after selection, press **MENU** button to enter the mode that has been selected. After 10seconds or press **MENU** for long time to return to main menu.

9. `tESt` Test

Press **MENU** button to `tESt`, press **ENTER** button, the led display will strobe, the light will run built-in program to test, press **MENU** to back to main menu.

10. `hour` Working time

Press **MENU** button to `hour`, press **ENTER** button, it will show the working time on the display. Press **MENU** to back to main menu.

11. `uEr` Program version

Press **MENU** button to `uEr`, press **ENTER** button, it will show the Program version on the display. Press **MENU** to back to main menu.

VI. How to operation

Here are 3 ways to operate:
1. Master/slave build-in program to control
2. DMX controller

6.1 Master/slave build-in function

Connect the lights in series, the first light control the other light to auto

show, sound control show and so on. It's very good for the instant show mod. Must set the first light to be master light `NASt` same time to choose `Sh 0`(Random show), `Sh 1` (show 1) or ...or `Sh 8` (show 8). If there are no DMX signals, the master mode LED will light up, the sound control LED will strobe according to the music, the other lights will not work in slave mode. `SLNd`. Choose `SL 1` (Normal) or `SL 2` (two light show) mode, when connect the DMX cable, the slave LED will light up.

Two light show

For the slave light, slave 1 (`SL 1`) running same as the master light, slave 2 (`SL 2`) running against the master light. If there are just two light, could set the second light as slave light (`SL 2`) for better show.

6.2 DMX Controller

If controlled by DMX controller, you need to set the DMX address code to control the light, the address code value is between 1-512, then the light will receive the signal accordingly.

Press **MENU** button, choose `Addr`, press **ENTER** button, address code will strobe. Use **UP /DOWN** to select DMX512 address code. After address code settled, press **ENTER** button until the address code stops strobing, it will automatically return to the menu after 8 seconds. If you want to go back to the previous status and without any changes, you could press **MENU** button.

DMX 512 （Choose `A001` default address code）

1CH

Channel	Value	Function
	000-007	No function
	008-037	Show mode 1
	038-067	Show mode 2
	068-097	Show mode 3
CH1	098-127	Show mode 4
（008-255 all under sound control）	128-157	Show mode 5
	158-187	Show mode 6
	188-217	Show mode 7
	218-247	Show mode 8
	248-255	Random show 1-8

21CH

Channel	Value	Function
CH1	000-255	Full dimmer 1,0-100%
CH2	000-255	Strobe 1, slow to fast
CH3	000-255	R1 dimmer,0-100%
CH4	000-255	G1 dimmer,0-100%
CH5	000-255	B1 dimmer,0-100%
CH6	000-255	W1 dimmer,0-100%
CH7	000-255	A1 dimmer,0-100%
CH8	000-255	R2 dimmer,0-100%
CH9	000-255	G2 dimmer,0-100%
CH10	000-255	B2 dimmer,0-100%
CH11	000-255	W2 dimmer,0-100%
CH12	000-255	A2 dimmer,0-100%
CH13	000-255	Full dimmer 2,0-100%
CH14	000-255	Strobe 2, slow to fast
CH15	000-255	W1 dimmer,0-100%
CH16	000-255	W2 dimmer,0-100%
CH17	000-255	W3 dimmer,0-100%
CH18	000-255	W4 dimmer,0-100%
CH19	000-255	Red laser light up
CH20	000-255	Green laser light up
CH21	000-255	Laser Effect

VII. Product Statement

1. This product is in good performance situation and completely packed before leaving factory. Users should be strictly abide by the below cautions and operation instructions, any damage caused by misuse is not within the company warranty

2. There is no notice for the change of the technology information in the manual, or the upgrading of the product.

* Mic Sensitivity. 99 Most Sensitive. 100 = off

* If turning on mic setting. Press ENTER Twice, then hold Enter for 10 Seconds