260W BEAM MOVING HEAD LIGHT

USER MANUAL

Instruction

- Lamp: 260W Imported Lamp
- Channel mode: 18 DMX512 Channel
- Pan scan：540° (16bit) Electric correction
- Tilt scan：270° (16bit) Electric correction
- Amazing dot matrix ,four tact switch, 180° turning show
- one color wheel, 13 colors + and open   Gobo: 11 pattern + blank
- Prisms:2 independent rotating prisms create 24 beam effect, two-way rotating prism plate, beam angle can be freely scaled.
- 0-100% mechanical dimming, mechanical dimming and free dimming available.
  strobe macro control available.
- Lens optical system mechanical focus. beam angle 0～3.8°
- Over heat protection
- Voltage: 100-240V, 50/60Hz
- power: 375W
- IP Rate :IP20 Rate
- Dimensions:310x240x580mm
- Net weight：16.80KG

Before any installation, maintain and clean lamp, please make sure the power is off.
1.Operation

touch	wheel	function
Up	turn left	option/edit
down	turn right	option/edit
OK / Enter	press the wheel	Executive start / exit
return	when return menu ,press the wheel	return previous page

Set "Modify address code" as an example, tell about the using of the touch.

1. Touch button "setting" in the main interface, and then into "setting" interface.

2. The 4 touch button in the right, are "up", "ok", "down", "back".

3. Press "up" or "down" button select "DMX address".

4. Press "ok" button into editing state.

5. Press "up" button or " down" button modification address code (using the new address immediately and autosave)

6.Press "OK" button out of the editing state (could omitted)

7. Press "back" button back to the main menu.

If using the wheel, process like bellow :

1. In the main interface , turn the wheel, select "setting" button.

2. Press the turn wheel and then loosen, into "setting" interface.

3.In the "setting" interface, select "DMX address"

4. Press the turn wheel and then loosen, into the editing state.

5. Turn the wheel, modification address code

6. After modification, press turn wheel and then loosen, out of the editing state.

7. Turn the wheel select "back", press turn wheel and then loosen, back into the main interface.

2. Interface description

2.1 Main Interface

Top right corner 3 button for language switching and screen rotation.

EN: English

Bottom row four button corresponding sub interface is introduced, it's in the back.

With touch operating mode sub interface is introduced, if use wheel, corresponding relation   as follows:

Press up : turn left

Press down : turn right

Press ok : press the wheel

Use wheel operation dialog box

If ok, press the wheel. if cancel, turn the wheel.

2.2 Set up the interface

Option		Instruction
Run Mode	DMX	Slave state: Accept control table or main engine
	Automatic	Statistics: Automatic operation and send DMX signal for slave Note:If the bulb is putout before , the light bulb will not be full light. If you need to observe the lighting effects, please keep the light on, and then into the automatic state
DMX Address	1-512	Press OK key into edit state, its selected hundred. Press up or down,change address code.Press again OK key, selected ten editor. Press again OK key, select the edit. Press it again to exit the edit state.
Channel Mode	16CH	The 17th to 20th channels are invalid.
	20CH	Control Speed of th 17th to 20th channels
Invert Pan/Tilt	OFF	
	NO	
Swap Pan-Tilt	OFF	
	NO	Change the channel of XY axis (include trimming)
Encoder Pan-Tilt	NO	Use encoder correct position
	OFF	Do not use encoder correct position

No DMX Signal	KEEP	According to the original state continues to run
	CLEAR	The return of the motor, stop running
Display Power Save	NO	Free 30 seconds after closing backlight
	OFF	Backlight ever bright
Burn on start up	OFF	Power on directly after reset, no light bulb (need to use the menu or control table to manual light bubble)
	NO	After power on automatic light bubble, must wait for the light bulb light up success can be reset
Load Default		Press ok key see the confirmation dialog box, again press ok key, Press OK key into edit

2.3. Information interface

Option	Instruction
Total using time	Cumulative using time (Accuracy to the minute)
The use of time	Use of time since the boot (Accuracy to the minute)
System error logs	If the red indicator shine ,that mean the lamps runs error . The details can be entered sub-interface to view
After you finish view,	you can press the "OK" key to make the error log empty. Pay attention: Sometimes not the Hall or optical coupler installation problems, But the motor cable is connected backwards

2.4. Manual control interface

This interface use to control present light, neither belong to the from the machine state (didn't received DMX signal), nor belong to Host state(send DMX signal).

Option	Instruction	
Reset	Press ok key see the confirmation dialog box, again press ok key, enter the reset interface, all motor reset.	
Color wheel	0-255	Press OK key into edit state, its selected hundred. Press up or down,change channel value .Press again OK key, selected ten editor. Press again OK key, select the edit. Press it again to exit the edit state.
……	0-255	
the speed of gobo wheel	0-255	
Blub control	ON	
	OFF	

2.5 Advanced interface

Password is "Up down up down " . For the runner , password is "Left right left right"

Touch operation : Press one time on the "up" key (Appear the first "*"),Then press one time on the "down" key (Appear the second "*") , Press one time on the "up" key again (Appear the third "*") , Press one time on the "down" key again (Appear the fourth "*") . At last press "OK" key to do the password authentication .

Runner operation : Turn to the left 1 bar (Appear the first "*"), then turn to the right 1 bar (Appear the second "*"), Turn to the left 1 bar again (Appear the third "*"), Turn

to the right 1 bar again (Appear the fourth "*") . At last press runner key to do the password authentication.

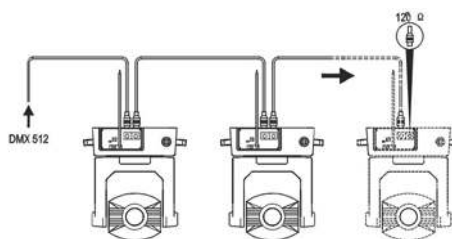| Option	Instruction
Touch screen adjustment	After entering the calibration interface, Follow the cross cursor tips go touch the corresponding position. If the four locations to the correct data is received. Then complete the calibration and save the calibration data. If the calibration fails , This process will continue the cycle ,then can at any time by pressing the "OK" button to interrupt calibration.
Reset calibration (Zero calibration)	After entering the sub-interface, Can be adjusted x-axis, Y-axis to the motor's reset position. To compensate for hardware installation error. With address code and channel value different , reset calibration not support One-digit Two-digit Three-digit edited respectively. Not support long press too . And must be in 1 unit step-by-step calibration . Pay attention : Don't reset calibration when the motor work. If motor is working ,Please stop it then start to reset calibration.If necessary, Please reset operation one time before reset calibration .

2.6 DMX Channel List

Channel	Channel Mode	
	16	
1	Color wheel	
2	Strobe	
3	Dimmer	
4	Gobo	
5	Prism 1	
6	Prism 1 rotating	
7	Prism 2	
8	Prism 2 rotating	
9	Focus	
10	X	
11	X fine turning	
12	Y	
13	Y fine turning	
14	XY speed	
15	Frost	
16	Colorful	
17	Lamp Control	100－105 Turn off lamp 200－205 Turn on lamp
18	Reset	250－255 Reset

CHANNEL	DESCRIPTION	VALUE	EFFECT
CH1	COLOR WHEEL	0-8	White
		8-15	Color 1
		16-23	Color 2
		24-31	Color 3
		32-39	Color 4
		40-47	Color 5
		48-55	Color 6
		56-63	Color 7
		64-71	Color 8
		72-79	Color 9
		80-87	Color 10
		88-95	Color 11
		96-103	Color 12
		104-111	Color 13
		112-127	Color 14
		128-191	Rainbow Forward Rotation Fast-Slow
		192-255	Rainbow Reverse Rotation Slow-Fast
CH2	STROBE	0	Shut
		1-50	Open
		51-240	Strobe Slow-Fast
		241--255	Open
CH3	DIMMER	0-255	Dark-Bright

Control signal wire connection

Use the CLR-XLR controller line connect every light's DMX input port from controller's DMX input port, and start from the first light's DMX input port connect to the second light's DMX input port, in this way, until connect all of the lights, and then use the loop accompanied connect to the last light's signal input port the connect complet, as the follow picture:
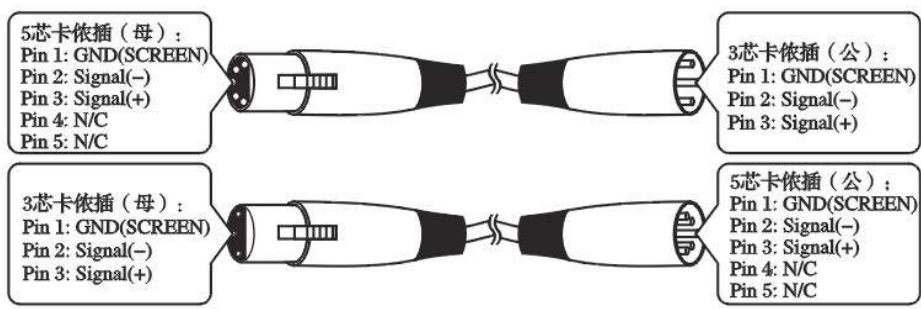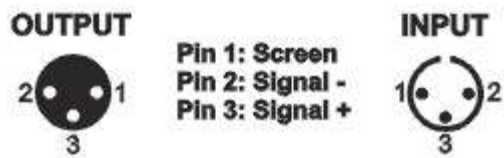

Note:

Please remember that in the last table lamps and lanterns signal outlet connection a loop plug.In this loop inserted in The CANON plug between 2 and 3 feet . Connect a 120 European resistance, connect this loop plug can avoid DM X512 signal reflection phenomenon in the transmission process of signl.

This lamp use 3 core XLR plug (plug seat) . If use 3 core XLR plugs (plug seat), you must use a conversion line (5 core to 3 core), as shown:

The conversion of three and five core plug (male and female)

Three core canon plug DMX512 interface circuit

OUTPUT   Pin 1: Screen   INPUT
Pin 2: Signal -
Pin 3: Signal +

Maintenance

a. If the light's lens damaged or broken, and should need change the new lens, if the bulb damaged or have any deformation, make the light dim, it says that the bulb had run out of its life., should change in time. There are 3 thermal protection device, using for cut off the lights power when it is heating. If the thermal protection device set up, and then need to check whether the fan is normal.

b. It need Periodically to clean the light out and in optical lens and the reflector's. put out for the optimization lighting effect, clean time need to see the lights operating frequency and the using of the surrounding environment, using the soft cloth or general glass cleaning products to clean. Suggest clean the external optical system every 20 day, at least clean the internal optical system every 60 days.

c. Please don't to use the alcohol etc organic solvent clean the out shell, in case it is damaged.

Statement

a . When the products manufactured, They are good performance, complete packaging . All users should comply with the warnings and instructions stated above . Any damage caused by misuse is not within the scope of the company's warranty . Operation manual of neglect caused problems and the fault is not in the dealer is responsible within the scope of   Neglect operation manual due to problem is out of dealer responsibility .

b. This handbook stated related matters explanation right belongs to our company .

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