

MOVING HEAD LIGHT USER MNUAL



Thank you for using our products, for your safety, please read the user`s manual carefully before your operation.

Note: This manual includes the important information of installation, operation, safety instruction. Please install and operate as requested in the manual, meanwhile, please keep the manual for any unexpected requirement

I. Preface

This Manual includes the important information of installation and operation. Please install and operate the light according to the instructions strictly. And it must be power off when open the light or before repair.

- Please read the complete contents of this manual (please keep this manual attach with the light for any preview)
- In order to make sure the correct and safety installation、operation and maintenance, well know and follow to the instructions of Manual is necessary.
- We will not take any responsibility to the light damage、property loss or body injure which caused by the incorrect installation、operation and maintenance.

Note:

The data which inside the Manual maybe changed due to the continuous improvement, and we'll not make another notice. We will keep the right to any specification update during improvement

Warning: the light should keep away from fire and water to avoid it get into light.

Safety specifications

- This device for indoor use only, the protection grade is: IP20
- Installing of the light must keep a distance with any flammable objects by 5m at least. The distance between the light and the projected objects must be no less than 1m.
- Please never directly install the light on the surface of the flammable objects.
- The installation、operation and maintenance must be managed by the qualified professional, and make sure to operate it under the instruction of the Manual.
- Make sure the work environment temperature of the light maximum 35°C, and minimum -20°C
- The temperature of the light surface will up to 60°C even under the normal cooling, so never touch it by hand.
- The light was designed by electric shock protection type, and must connect to the power supply system which well earthed. Furthermore, the ground wire of the light must connect to the ground wire of the power supply system, ground wire interface of the light must well connect with the light body (or light must be well earthed)
- Please check if the voltage is in accordance with the rated power before installing.
- Please never use the power cable which was damaged the insulation cover, meanwhile, never put the power cable on any other wire. Please pull out the power cable by handle the plug when light is stop working or cleaning, never pull out it roughly or handle the wire directly.
- The light doesn't include any spare parts for repairing , please check if all the parts are well installed and screws are drove tightly before operating. It's prohibited to use the light when the cover is opened.

Note: Please make sure it is power off before any installation, repair and clean

II. Specification

- Power Supply: AC 95-245V/50-60Hz
- Power consumption: 150W
- LED bee eyes: 4PCS×10W 4in1 (RGBW)
- LED beam: 6PCS×10W 4in1(RGBW)
- Laser Unites: 1PC Red(100mW) + 1PC Green(80mW)
- Strobe:2PCS×10W (W)
- DMX channels: 23Chs
- Control Mode: AUTO, Master/Slave, DMX512, Sound Active
- Working Environment: Indoor, -20°C-40°C
- IP Grade: IP20
- Packing size: 33×33×22Cm
- N.W: 4.12KG(4PCS/CTN)
- G.W.: 4.85KG

III. Connection of power/wire/signal

The exclusive plug should be used between the connection of light and power. Pls check if the rated voltage and frequency is in accordance with the power supply. In order to make sure the power cable work in the safety environment. If found the power cable is overheat, please cut off the power and reduce the parallel connection quantity of lights, The light power supply is AC100~AC240V/50~60Hz

Make sure installation position is steady before fix the light. Professional clamp should be used when the light is reverse hanging, and drive the clamp into the screw hole which in the bracket of the light. Make sure the light will not fall from the truss, use the safety cable go through the truss and bracket of the light as a supporting, to avoid the light to fall down. There is no entrance to the work area during mounting. Periodically to check if the safety cable has fretted away or clamp is loosen. We will not take any responsibility which caused by the lighting fall of unsteady hanging.

Warning:

It is prohibited to move the light by handle the clamp, please move the light by handle

IV. Operation

Addr	A001-A512	DMX address code
Chnd	23	23 DMX channel mode
	d512	DMX MODE
	Red	Red color for all LED
	Green	Green color for all LED
	Blue	Blue color for all LED
	uuH1	White color for all LED
	LeSr	Red laser
Shou	LeSg	Green laser
	uuH2	Strobe
	A1	Macro function 1
	A2	macro function 2
	A3	macro function 3
	S1	Sound mode 1
	S2	Sound mode 2
Sens	0-100	Sensitive for sound mode
SPED	0-100	Speed for macro function
LED	ON	display on
	OFF	display off without any operation after 10 s
Disp	ON	Display direction adjustment
	OFF	No function
irC	ON	Remote function enable
	OFF	remote function disable
rst	Yes	Load default date
	no	No function

V. DMX function

Channel	Value	Function	Description
1	0-255	Pan	0-540°
2	0-255	Speed for motor	From fast to slow
3	0-127	Bee eyes	Motor static position
	128-191		Turn Clockwise
	192-255		Turn anti-clockwise
4	0-255	Head 1	Motor static position
5	0-255	Head 2	Motor static position
6	0-255	Head 3	Motor static position
7	0-255	Head 4	Motor static position
8	0-255	Head 5	Motor static position
9	0-255	Head 6	Motor static position
10	0-255	Master dimmer	Master dimmer
11	0-9	Strobe	No function
	10-255		From slow to fast
12	10-255	Bee eyes red	Diming Bee eyes red from darkness to brightness
13	10-255	Bee eyes green	Diming Bee eyes red from darkness to brightness
14	10-255	Bee eyes blue	Diming Bee eyes red from darkness to brightness
15	10-255	Bee eyes white	Diming Bee eyes red from darkness to brightness
16	10-255	Beam red	Dimming beam red
17	10-255	Beam green	Dimming beam green
18	10-255	Beam blue	Dimming beam blue
19	10-255	Beam white	Dimming beam white
20	10-255	Red laser	Dimming red laser
21	10-255	Green laser	Dimming blue laser
22	10-255	Strobe	10W LED strobe function
23	0-50	Macro function	No function
	51-149		Auto mode
	150-249		Sound active
	250-255		Hold 5 second for rest

VI. Remote function

ON	Switch on		4	LED White
OFF	DMX mode		5	Strobe
DMX	DMX mode		6	A1
AUTO	Auto mode from A1-A3		7	A2
Speed+	Macro function adjustment		8	A3
Speed-			9	S1
Voice	Sound mode from 1-2		*	S2
Mic+	Sensitive adjustment		0	Red laser
Mic-			#	Green laser
1	LED Red			
2	LED Green			
3	LED Blue			

Note:When the unites work at remote function, please disable all slaver remote function

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VIII. Appendix

The light is available to receive the DMX512 signal, connect the DMX connector to the panel which marked with "DMX IN", and connect it to the next light. then, connect to the "DMX IN" of next light from the "DMX OUT". The DMX signal terminator is recommended when the lighting signal is connecting. It will avoid to interfere the signal which caused by the electrical noise, DMX terminator is a XLR connector, connect with a 120Ω resistor between the pin 2 and pin 3 of the XLR connector, and connect it to the OUTPUT socket of the final light. see picture:

