

K-BEAM 380 MOVING HEAD

18R PLUS



User Manual

Operating Procedures

A.Check Box

Thank you for purchasing our company's 380W BEAM, first of all for your safety and reasonable use of this product, please read the user manual before use, and operates in strict accordance with regulations, so as to avoid personal safety or fixture damage by the misuse.

Check the receipt of product if product damage caused by transport; and

check the following carton all accessories.

1, Light 2, User manual 3, Hanging bracket 4,Dmx cable 5,Power cable

B. Notes

1.In strict accordance with the procedures described in operating instructions, do not disassemble fixture. Failure should be invited to professional service personnel.

2.The product is suitable for indoor use.

3.Fixed installation, avoid being strong impact, if the fixture have not been fixed strongly, please do not use. Note that if the plug is inserted firmly, please ensure the power a good grounding to avoid electric shock.

4.The machine work, do not look directly at light source, so as to avoid eye injury.

5.In order to extend your lamp life, do not operate at full capacity for a long time, appropriately in turn opening the lamp can effectively reduce the lamp body temperature and longer service life.

Installation

1.Before installation, make sure you are using the power supply voltage and line voltage lamps are identified.

2.Please install by the professionals, they can fix safely and reliably, and adjust to suitable irradiation angle.

3.Installation of the equipment, make sure that at least 15 meters is not extremely explosive within flammable materials, use the fixture can withstand 10 times the weight of the security wire hanging the insurance mix loaded.

4.Fixture can put on the floor or stage, or fixed hanging installation.

D. Caution

1.During any installation and maintenance work, make sure that the power cut off.

2.Do not look directly at the light source of fixture to avoid eye injury.

3.Keep the distance of the lights and the combustible material 15 meters at least.

Maintenance

Periodically wipe the housing surfaces with a clean towel, especially in front of the lens to optimize light output, depending on the number of lamps clean operation in and around the use of the environment, we recommend cleaning once every 20 days.

Periodically check whether the fan is normal working, the existence of leakage, damage, bad and so on.

Brief Introduction

Use OSRAM SIRIUS HRI371W Light Source;

Silent version overseas software, really mute effect;

Imported fan, the noise can be controlled within 38dB;
Built-in filter regulator function, voltage instability can still be used normally;
High-precision dual combination lens, light transmission rate of 99% or more;
Prism magnifies the use of dual-track design, good stability;
Built-in lamp protection: strobe off 5 seconds, the lamp power automatically reduced by 50%;
Perfect powerful software features with transform shutter, macro function, digital precision positioning,
Automatic electronic focus, etc ; shell with PC material custom elasticity is higher, not easy damaged.
Voltage: AC100-240V 50/60 Hz
Light Source: OSRAM SIRIUS HRI371W
Lamp life:1500h
Color temperature:8000k
Power Consumption: 600W
DMX Channel:20/16CHS
Display: LCD touchscreen + Button Control, Chinese/English mode, Display intelligent
Flip Function
Gobe:11Gobos+Dynamic ripple
Color: 14 colors + open, semi-color effect
Prism: 16-facet prism + honeycomb-facet prism, prisms can be bi-directional rotation
Wash Effect: Adjustable spot angle
Projector Range: Pan 540 degrees, Tilt 270 degrees, automatic calibration positioning
Beam angle: 2°
Control Mode: DMX512 20/24channels, master/slave, auto mode
Size:380 (L) 270 (W) ×621 (H) mm
Net weight :18kg
Weight:20kg

Display Menu

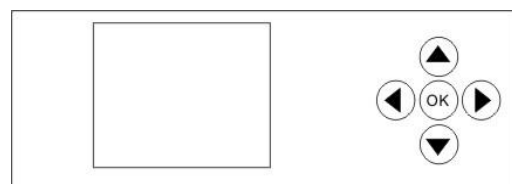
“Left”、 “right” key are the same function:

Return to the previous interface

"Up" and "down" key: Select, edit

"OK" key (the "OK" key):

Execute the function, start editing, and exit editing



The following to "modify the DMX address code", for example, about the use of

keys:

- 1, If the current is not the main interface, press the "left" key (one or more times) to return to The main interface**
- 2, In the main interface, press the "up" or "down" button to select "Settings" button**
- 3, Press "OK" button to enter the "Settings" interface**
- 4, In the "Settings" interface, press the "up" or "down" key to select "DMX address"**
- 5, Press "OK" button to enter the edit state**
- 6. Press "Up" or "Down" to modify the DMX address code**
- 7, Press "OK" button to exit the editing state**

If you are using a touch screen, the process is more convenient:

- 1, In the main interface, touch "Settings" button, enter the "Settings" interface**
- 2, And the previous steps 4 to 7 the same (both physical buttons can also be used to touch the button), not repeat them.**

Interface Setup

Options	Instruction	
Run Mode	DMX	Slave Status : Receive the DMX signal from the console or host
	Auto	Host status: automatically run, and send DMX signal to the slave Note: If the lamp is off, the lamp will not turn on automatically. If you need to observe the lighting effects, first light bulb and then enter the automatic state
DMX address	1~51 2	Press "Enter" to enter edit mode. At this point is selected 100-digit, press the "up" and "down" key to change the address code. Press "OK" again to select 10-digit edit. Press the "OK" button again to select the digit edit. Press again to exit the edit state
Channel Mode	16	Channel 17~20 are invalid
	20	Channel 17~20 speed control (reference to the channel list)
X Reverse	OFF	
	ON	
Y Reverse	OFF	
	ON	
XY Exchange	OFF	
	ON	Exchange Pan Tilt's channels (including fine)
XY Encode	ON	Use the encoder (opt coupler) to determine the out of step and automatically correct the position
	OFF	The encoder (opt coupler) is not used to correct the position

No DMX Signal	Hold	According to the original state to continue to run
	Clear	The motor back to stop, stop running
Screen Protection	ON	Turn the backlight off after 30 seconds of inactivity
	OFF	Backlight keep light
Power on Light on	OFF	Directly after the power-on reset, do not light bulbs (need to use the menu or console to manually bubble)
	ON	Automatically light up after the bubble, and to wait for a successful light bulb was reset
Restore default settings		Press "OK" button to see the confirmation dialog box, press "OK" button to restore the default settings

DMX Channel

CHANNE L	CHANNEL MODE	
	18	18
1	COLOUR WHEEL	COLOUR WHEEL
2	STOP/STROBE	STOP/STROBE
3	DIMMER	DIMMER
4	STATIC GOBO CHANGE	STATIC GOBO CHANGE
5	PRISM INSERTION1	PRISM INSERTION1
6	PRISM ROTATION1	PRISM ROTATION1
7	PRISM INSERTION2	PRISM INSERTION2
8	PRISM ROTATION2	PRISM ROTATION2
9	FOCUS	FOCUS
10	PAN	PAN
11	PAN FINE	PAN FINE
12	TILT	TILT
13	TILT FINE	TILT FINE
14	PAN-TILT SPEED	PAN-TILT TIME
15	FROST	FROST
16	RAINBOW EFFECT	RAINBOW EFFECT
17	LAMP CONTROL&RESET	100-105 close lamp bulb 200-205 open lamp bulb
18	RESET	RESET(250-255)

Manual Control Interface

This interface is used to control the current fixture, neither in the slave state (not receiving the DMX signal), nor in the host state (not sending the DMX signal)

Option		Press the "OK" button to see the confirmation dialog box, press the "OK" button again, enter the reset interface, all the motor reset
Reset		
Color	0~255	Press "OK" key to enter the editing state. At this time is selected hundred, press the "up" "down" key to change the channel value. Press "OK"
... ..	0~255	
Gobo	0~255	

Wheel Speed		again to select the ten. Press "OK" again to select the one bit. Press again to exit the edit state
Lamp control	On	
	Off	

Senior Interface

Here setting one password, avoid the non-professionals misuse. Default password is "up down up down". Press "OK" button into password authentication.

Option	Explanation
Touchscreen calibration	After entering the calibration interface, follow the prompts of the cross cursor to touch the corresponding position. If the position receives the correct data, complete the calibration and save the calibration data If the calibration fails, the process will continue to cycle, at any time by pressing the "OK" key to interrupt the calibration
Reset calibration	After entering the sub-interface, you can adjust the pan, tilt and other motor reset. position to compensate for the hardware installation error and address code and channel values are different reset calibration, does not support one, ten, hundreds of editors, do not support long Press, and must be one step by step calibration CAUTION: Do not perform a reset calibration while the motor is running! If the motor is running, stop it and then reset it. If necessary, perform a reset operation before performing a reset calibration

Interface information

Option	Explanation
Software Version	Current software version
Total Use Time	Accumulated use time (accurate to minutes)
Time of using at current time	The time since boot (accurate to minutes)
DMX Channel Value	Thereby entering the sub-interface,the values and percentages display channel value for viewing

System error record	If red ERR indicator light on, indicating that the lamp operation error, the details can be entered into the sub-interface view. After viewing, press "OK" to clear the error log. Note: sometimes not really Hall or optocoupler installation problems, but the motor line connect the wrong way
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➤ **STOP/STOBE - channel 1**

BIT	EFFECT	BIT	EFFECT
255	FAST ROTATION	80	YELLOW
.....	75	PINK + YELLOW
200	SLOW ROTATION	70	PINK
199	SLOW ROTATION	65	LAVENDER + PINK
.....	.....	60	LAVENDER
140	FAST ROTATION	55	LIGHT GREEN + LAVENDER
135	CTB 8000 + WHITE	50	LIGHT GREEN
130	CTB 8000	45	GREEN + LIGHT GREEN
125	CTO 190 + CTB 8000	40	GREEN
120	CTO 190	35	AQUAMARINE + GREEN
115	CTO 260 + CTO 190	30	AQUAMARINE
110	CTO 260	25	ORANGE + AQUAMARINE
105	CYAN + CTO 260	20	ORANGE
100	CYAN	15	RED + ORANGE
95	MAGENTA + CYAN	10	RED
90	MAGENTA	5	WHITE + RED
85	YELLOW + MAGENTA	0	WHITE

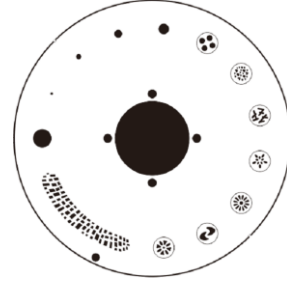
➤ **STOP/STOBE - channel 2**

BIT	EFFECT	BIT	EFFECT
252-255	OPEN	108	SLOW PULSATION
239-251	RANDOM FAST STROBE	104-107	OPEN
226-238	RANDOM MEDIUM STROBE	103	FAST STROBE
213-225	RANDOM SLOW STROBE	.....	.....

208-212	OPEN	4	SLOW STROBE
207	FAST PULSATION	0-3	CLOSED
.....		

➤ **DIMMER – channel3**

BIT	EFFECT
255	100%
.....
0	0%



➤ **STATIC GOBO CHANGE - channel 4**

BIT	EFFECT	BIT	EFFECT
255	FAST ROTATION	75	GOBO 1 SHAKE, SLOW SPEED
...	.....	74	WHITE SHAKE, FAST SPEED
201	SLOW ROTATION	...	.....
200	SLOW ROTATION	70	WHITE SHAKE, SLOW SPEED
...	.....	65	GOBO 13
141	FAST ROTATION	60	GOBO 12
140	GOBO 13 SHAKE, FAST SPEED	55	GOBO 11
...	.....	50	GOBO 10
136	GOBO 13 SHAKE, SLOW SPEED	45	GOBO 9
135	GOBO 12 SHAKE, FAST SPEED	40	GOBO 8
...	.....	35	GOBO 7

13	GOBO 12 SHAKE, SLOW SPEED	30	GOBO 6
...	.....	25	GOBO 5
84	GOBO 2 SHAKE, FAST SPEED	20	GOBO 4
...	.....	15	GOBO 3
80	GOBO 2 SHAKE, SLOW SPEED	10	GOBO 2
79	GOBO 1 SHAKE, FAST SPEED	5	GOBO 1
...	.....	0	WHITE

➤ **PRISM INSERTION 1- channel 5**

BIT	EFFECT	BIT	EFFECT
128-255	PRISM INSERTED	0-127	PRISM EXCLUDED

➤ **PRISM ROTATION 1- channel 6**

BIT	EFFECT	效果	
255	FAST ROTATION	190	SLOW ROTATION
.....
193	SLOW ROTATION	128	FAST ROTATION
191-192	STOP	0-127	POSITION

➤ **PRISM INSERTION2 - channel 7**

BIT	EFFECT	BIT	EFFECT
128-255	PRISM INSERTED	0-127	PRISM EXCLUDED

➤ **PRISM ROTATION2 - channel 8**

BIT	EFFECT	效果	
255	FAST ROTATION	190	SLOW ROTATION
.....
193	SLOW ROTATION	128	FAST ROTATION
191-192	STOP	0-127	POSITION

➤ **FOCUS - channel 9**

BIT	EFFECT	效果
255	100%	调焦 100%
.....
0	0%	调焦 0%

➤ **PAN - channel 10**

➤ **PAN FINE - channel 11**

➤ **TILT - channel 12**

➤ **TILT FINE - channel 13**

➤ **PAN-TITL TIME - channel 14**

	Timing Channel	Channel function	Remark	
1	Pan-Tilt time	Pan-Tilt-(Pan fine-Tilt fine)	255	SLOW SPEED
4			.....	.....
			0	FAST SPEED

➤ **FROST - channel 15**

BIT	EFFECT
128-255	FROST INSERTED
0-127	FROST EXCLUDED

➤ **LAMP CONTROL&RESET - channel 16**

BIT	EFFECT	Remark
250-25 5	COMPL ETE RESET	Reset is activated passing through the unused range and staying 5 seconds.
200-20 5	LAMP ON	Lamp switch passing through the unused range and staying 5 seconds.
100-10 5	LAMP OFF	
0-99	UNUSE D RANGE	

➤ **RFU channel 17**

➤ **TIMING CHANNELS**

	Timing Channel	Channel function	Remark	
18	Colour time	Colour wheel	255	SLOW SPEED
19	Beam time	Dimmer-Prism -Frost	.....	.....
20	Gobo time	Static Gobo	0	FAST SPEED