230W Beam Moving Head

User Manual

This manual contains important information. Please read before operating fixture.

1   SECURITY TIPS

> **WARNING!!! To reduce the risk of fire, electric shock, or injury to persons, follow these important safety instructions:**

- non-professionals, not to disassemble the light arbitrarily and lighting accessories inside.
- rated voltage range: AC110V-120V/60Hz or AC200V-240V / 50HZ (to be selected).
- not beam irradiate the flammable materials, flammable materials and the lamp should be maintained at least 1M over the distance.
- lamps used in ambient temperature: -15 ℃ -40 ℃, the highest temperature of the surface of the lamp: 60 ℃.
- to keep away from the liquid substance and humid environment.
- before using the lights must ensure the good grounding, can not install charging and remove any parts.
- the installation of lamps, must be fixed screw fasteners with additional security cable and regular inspection.
- lamps consecutive working hours is not recommended more than 10 hours.
- should stop using the lights in time when happens unusual conditions during the process
- lamp parts of the rotation, external accessories and paste parts should be regular inspected, such as the emergence of loose and rock, should be reinforced in a timely manner to prevent the accident.

- lamps adopt strong winds to refrigerate, it is easy to accumulate the dust, so you have to clean it weekly especially the cooling air opening, otherwise the dust will plug leading to poor light

2 TECHNOLOGY REFERENCE

Power Supply: AC110v-240V 50/60hz
Power:260w
Light source: Osram 7R 230w lamp
Ballast:electronic ballast
Housing:ABS plastic+alloy
Color:Black
Lens: 6-Layer option glass lens
Beam angle parallel beam angel :0-3.8°
Channel:16ch
Working lifetime(Hour):2000Hs
Color temperature:8000K
Size: 43*33*54cm
N.W.:16.5KG

Specifiction：

Dimmer:Independent dimmer channel, 0-100% linear dimmer
Strobe:Independent strobe channel, 1-13times/s, speed adjustable
Prism:8 Prism rotation
Gobo: 17 gobos+blank double rotation rainbow effect
Colors 14 color+blank,double rotation rainbow effect
Focus:option focus
Frost
Mode of control: DMX512/Master-slave/Sound /Stand-alone /Auto mode
Fan :SUNON and DAP brand
Pan: 540degree (16bit) Electric correction
Tilt:270degree (16bit) Electric correction
Motors: SY motors, 2-phase step motors, moving smooth in the slow and fast speed

DMX socket:3-pin IN/OUT
Power socket:Power Con IN
Display:Blue LCD display
Lamp ：LAMP DMX ON/OFF, ignited by inverter，protect and lengthen the lifetime of the bulb
Certification:CE,RoHS

3   Board Instruction

1) DMX interface :

Name	description
DMX	Choice the DMX address from 001 to 255

2)Setup interface:

name	description
X Reverse	OFF / ON , default OFF
Y Reverse	OFF / ON , default OFF
Lamp on	OFF / ON ,default ON
Language	English,Chinese
Backlight	0-255 , default value 128
Screen Ro	OFF / ON. screen reverse
Exit	

3)Adjust interface :

name	description
Gobo	default value 025 , 000-512
Color	default value 020 , 000-512
Focus	default value 001 , 000-512
Prism	default value 000 , 000-512

X	default value 000 , 000-512
Y	default value 000 , 000-512
Exit	

4) RunTest interface :

name	description
Auto Run	OFF/ON , Auto running mode
Sound run	OFF/ON , Sound active mode
SoftReset	OFF/ON , Total reset
Exit	

5)Manual interface

name	description
Manual Ctr	Channel control [00][000]
Exit	

3)Information interface:

name	description
Lamp on timer	Time of lamp on
Reset timer	Clear up the lamp on time
Set on timer	Set up the time
Set password	Set the password
Exit	

4 DMX CHANNEL SHEET

CH	Channel	DMX value	Description
1	Color wheel	0-2	Blank
		3-7	Blank+Red(Index when trun on CH7 128-255)
		8-10	Red
		11-15	Red+Yellow(Index when trun on CH7 128-255)
		16-18	Yellow
		19-24	Yellow+Blue(Index when trun on CH7 128-255)
		25-26	Blue
		27-32	Blue+Green(Index when trun on CH7 128-255)
		33-35	Green
		36-41	Green+Brown(Index when trun on CH7 128-255)
		42-43	Brown
		44-49	Brown+Prunosus(Index when trun on CH7 128-255)
		50-52	Prunosus
		53-58	Prunosus+Deep Blue(Index when trun on CH7 128-255)
		59-60	Deep Blue
		61-66	Deep Blue+Cyan(Index when trun on CH7 128-255)
		67-69	Cyan
		70-75	Cyan+Yellow-Green(Index when trun on CH7 128-255)
		76-77	Yellow-Green
		78-83	Yellow-Green+Rose red(Index

			when trun on CH7 128-255)
		84-86	Rose red
		87-92	Rose+Lavender(Index when trun on CH7 128-255)
		93-94	Lavender
		95-100	Lavender+Orange(Index when trun on CH7 128-255)
		101-103	Orange
		104-109	Orange+ Ultraviolet(Index when trun on CH7 128-255)
		110-111	Ultraviolet
		112-117	Ultraviolet+Cool white(Index when trun on CH7 128-255)
		118-127	Cool white
		128-191	Color foreward from fast to slow
		192-255	Color rollback from slow to fast
2	Strobe	0-3	Strobe no function
		4-9	Strobe open
		10-103	Strobe effect1 from fast to slow
		104-107	Strobe open
		108-207	Strobe effect2 from slow to fast
		208-211	Strobe open
		212-251	Strobe effect3 from slow to fast
		252-255	Strobe open
3	Dimmer	0-255	Dimmer from dark to brightness
4	Gobo wheel	0-3	Blank
		4-7	Gobo1
		8-11	Gobo2
		12-15	Gobo3
		16-19	Gobo4
		20-23	Gobo5
		24-27	Gobo6

		28-31	Gobo7
		32-35	Gobo8
		36-39	Gobo9
		40-43	Gobo10
		44-47	Gobo11
		48-51	Gobo12
		52-55	Gobo13
		56-59	Gobo14
		60-63	Gobo15
		64-67	Gobo16
		68-71	Gobo17
		72-113	Gobo forward from fast to slow
		114-159	Gobo rollback from slow to fast
		160-166	Gobo2 shake from slow to fast
		167-172	Gobo3 shake from slow to fast
		173-179	Gobo4 shake from slow to fast
		180-185	Gobo5 shake from slow to fast
		186-191	Gobo6 shake from slow to fast
		192-198	Gobo7 shake from slow to fast
		199-204	Gobo8 shake from slow to fast
		205-211	Gobo9 shake from slow to fast
		212-217	Gobo10 shake from slow to fast
		218-223	Gobo11 shake from slow to fast
		224-230	Gobo12shake from slow to fast
		231-236	Gobo13 shake from slow to fast
		237-243	Gobo14 shake from slow to fast
		244-249	Gobo15shake from slow to fast
		250-255	Gobo16shake from slow to fast
5	Prism	0-127	Prism off
		128-255	Prism on
6	Prism rotation	0-127	Prism rotation
		128-191	Prism clockwise from fast to slow

		192-255	Prism anticlockwise from slow to fast
7	Color Function	0-127	No Function
		128-255	Control the CH1,there are 2 colors effect
8	Frost	0-255	Frost
9	Focus	0-255	Focus
10	Pan	0-255	Pan movement range 540 °
11	Pan fine	0-255	
12	Tilt	0-255	Tilt movement range 270 °
13	Tilt fine	0-255	
14	Pan/Tilt Speed Pan/Tilt Time	0-255	Quick → Slow
15	Reset	0-255	Reset
16	Lamp	0-99	Lamp off
		100-255	Lamp on

5   DIFFICULTY RESOLUTION

The following is a list of problems and resolution, and other malfunction preparing work should be professionally qualified staff to deal with.

1. Bulb not working

    a) Check whether approaching the service life of light bulbs, then change it

    b) Check whether bulbs circuitry leak, loss or connect poorly

2. Beam appears bleak

    a) The bulbs maybe approach the service life, then change it, or the optical components are unclean.

    b) Bulbs have accumulation of dust, so the bulbs and other parts inside the lamp should be cleaned and maintained in regular period.

3. Computer lamp work intermittently

    a) Check whether the fan process naturally and become dirty

    b) Check inner temperature-response control plug is off

    c) Check whether the circuitry is good

4. The computer lamp not controlled by controller during lighting

    a) Check numeral starting address and the connection of communication control circuit

    b) The corresponding channel button of controller is open or not

    c) Check whether the fuse on power supply input jack is broken off

6 AFTER SERVICE

1. Our company offer technical consultation to customers for ever.

2. If the machine is wrong and need repairmen, please truthfully fill in the related content and feedback us the problems timely, as well as we have to improve the product.

3. In addition to the lamp, also matching accessories are as follows：

    accessories：Power line 1 piece   Optional parts：(customers）

✂

Warranty Card

Name	Model		Production	Purchase

End User	Sale Store
Company Name:	Link man:
	Tel: Stamp
Add:	

Description: These must be truthfully fill, seal by the end-user and point-of-sale, or else the warranty will not work (warranty period and terms, see the following)

warranty period：one year since purchase warranty terms：1、If fail when using the product in normal state, you can made under the provisions of the warranty, show the warranty card and purchase bills(copy), and enjoy free maintenance service in a specific service center or the manufacturer.

2. The following will be the implementation of paid service:

(1)Without the effective warranty card

(2)There's blank, alter and no point-of-sale name

(3)Fail caused by unresistance

(4)Fail caused by transportation or unloading

(5)Fail caused by not operate by manual

(6)Fail caused by disassemble without unauthorized

(7)Fail caused by using the unauthorized control system

Note:

Based on our company continue to improve the product, the statement containing data may have changed, and will not notice the change any more. Company retains its right to change specifications related when product is improved. Thanks for your understanding.