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: 17ch
Working lifetime(Hour):2000Hs
Color temperature: 8000K
N.W.:16.5KG

Specifiction：
Dimmer:Independent dimmer channel, 0-100% linear dimmer
Strobe:Independent   strobe   channel,   1-13times/s,   speed
adjustable
Prism :Double prism :16 Prism rotation, 6 linear prism rotation.
Gobo: 17 gobos+blank double rotation rainbow effect
Colors 14 color+blank,double rotation rainbow effect
Focus:option focus
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
Pan/Tilt 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	0-4	Blank
		5-9	Blank+Color1
		10-14	Color 1
		15-19	Color1+Color2
		20-24	Color2

		25-29	Color2+Color3
		30-34	Color3
		35-39	Color3+Color4
		40-44	Color4
		45-49	Color4+Color5
		50-54	Color5
		55-59	Color5+Color6
		60-64	Color6
		65-69	Color6+Color7
		70-74	Color7
		75-79	Color7+Color8
		80-84	Color8
		85-89	Color8+Color9
		90-94	Color9
		95-99	Color9+Color10
		100-104	Color10
		105-109	Color10+Color11
		110-114	Color11
		115-119	Color11+Color12
		120-124	Color12
		125-129	Color12+Color13
		130-134	Color13
		135-139	Color13+Color14
		140-144	Color14
		145-149	Color14+Blank
		150-199	Color foreward from slow to fast
		200-255	Color rollback from slow to fast
2	Strobe	0-5	Strobe no function
		6-103	Strobe effect1 from slow to fast
		104-107	Strobe open
		108-207	Strobe effect2 from slow to fast
		208-212	Strobe open

3	Dimmer	213-251	Strobe effect3 from slow to fast
		254-255	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

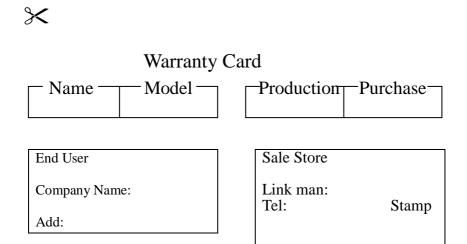|		218-223	Gobo11 shake from slow to fast
		224-230	Gobo12shake from slow to fast
		231-236	Gobo13 shake from slow to fast
		237-243	Gobo14 shake from slow to fast
		244-249	Gobo15shake from slow to fast
		250-255	Gobo16shake from slow to fast
5	Prism 1	0-255	16-facet prism effect
6	Prism1 rotation	0-127	Prism rotation index
		128-191	Prism clockwise from fast to slow
		192-255	Prism anticlockwise from slow to fast
7	Prism 2	0-255	6 liner prism effect
8	Prism2 rotation	0-127	Prism rotation index
		128-191	Prism clockwise from fast to slow
		192-255	Prism anticlockwise from slow to fast
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	Frost	0-255	Frost
15	Reset	0-255	Reset
16	Lamp	0-99	Lamp off
		100-255	Lamp on
17	Pan ,Tilt speed	0-255	Pan Tilt working from slow to fast

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）

✄

<p style="text-align:center;">Warranty Card</p>

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.