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:250w
Light source: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
Size: 31*22*44cm
N.W.:12KG

Specifiction：

Dimmer:Independent dimmer channel, 0-100% linear dimmer
Strobe:Independent strobe channel, 1-13times/s, speed adjustable
Prism:8 Prism rotation
Gobo: 14 gobos+blank double rotation rainbow effect
Colors 13 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

Mode	Function	Description
Setup	DMX Addr	001-512
	Encoder	YES/NO
	Pan Rev	YES/NO
	Tilt Rev	YES/NO
	No signal	Clear/Keep
	Burn on star up	YES/NO
	Return	
Run Mode	Run Mode	DMX
		Auto
		Sound
	Channel	16CH
	Return	
Manual	Reset	YES/NO
	Lamp control	OFF/ON
	Colour Wheel	0-255
	Stop/Strobe	0-255
	Dimmer	0-255
	Gobo	0-255
	Prism Insertion	0-255
	Prism Rotation	0-255

	Effect Smovement	0-255
	Frost	0-255
	Focus	0-255
	Pan	0-255
	Pan Fine	0-255
	Tilt	0-255
	Tilt Fine	0-255
	Function	0-255
	Pan-Tilt Time	0-255
	Colour Time	0-255
	Beam Time	0-255
	Gobo Time	0-255
	Return	0-255
Display	Language	CH/En
	Reverse	YES/NO
	Screen	YES/NO
	Return	
Factory Setup	Enter Password!	
Return		

4   DMX CHANNEL SHEET

CH	Channel	DMX value	Description
1	Color wheel	0-11	Color1
		12-23	Color2
		24-35	Color3
		36-47	Color4
		48-59	Color5
		60-69	Color6
		70-79	Color7
		80-89	Color8

		90-99	Color9
		100-109	Color10
		110-119	Color11
		120-129	Color12
		130-139	Color13
		140--149	Color14
		150-203	Color forward from fast to slow
		204-255	Color rollback from slow to fast
2	Strobe	0-3	Strobe no function
		4-103	Strobe effect1 from slow to fast
		104-107	Strobe open
		108-207	Strobe effect2 from slow to fast
		209-212	Strobe open
		213-251	Strobe effect3 from slow to fast
		252-255	Strobe open
3	Dimmer	0-255	Dimmer from dark to brightness
4	Gobo wheel	0-5	Gobo1
		6-11	Gobo2
		12-17	Gobo3
		18-23	Gobo4
		24-29	Gobo5
		30-35	Gobo6
		36-41	Gobo7
		42-47	Gobo8
		48-53	Gobo9
		54-59	Gobo10
		60-65	Gobo11
		66-71	Gobo12
		72-77	Gobo13
		78-83	Gobo14
		84-89	Gobo15
		90-134	Gobo forward from fast to slow

		135-139	Gobo1
		140-185	Gobo rollback from slow to fast
		186-190	Gobo2 shake from slow to fast
		191-195	Gobo3 shake from slow to fast
		196-200	Gobo4 shake from slow to fast
		201-205	Gobo5 shake from slow to fast
		206-210	Gobo6 shake from slow to fast
		211-215	Gobo7 shake from slow to fast
		216-220	Gobo8 shake from slow to fast
		221-225	Gobo9 shake from slow to fast
		226-230	Gobo10 shake from slow to fast
		231-235	Gobo11 shake from slow to fast
		236-240	Gobo12shake from slow to fast
		241-245	Gobo13 shake from slow to fast
		246-250	Gobo14 shake from slow to fast
		251-255	Gobo15shake 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 slow to fast
		192-255	Prism anticlockwise from slow to fast
7	Color effect	0-255	Half-color(1CH valid)
8	Frost	0-127	Frost off
		128-255	Frost on
9	Focus	0-255	Focus
10	Pan	0-255	Pan movement range 540º
11	Pan fine	0-255	
12	Tilt	0-255	Tilt movement range 270º
13	Tilt fine	0-255	

14			
15	Reset	0-255	Reset
16	Lamp	6-40	Lamp off
		120-139	Lamp on
17	Pan/Tilt Speed Pan/Tilt Time	0-255	Quick → Slow

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

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.