

# SKYSTAR

PROFESSIONAL SHOW LIGHTING

## WA-5000

### Instruction of Searchlight

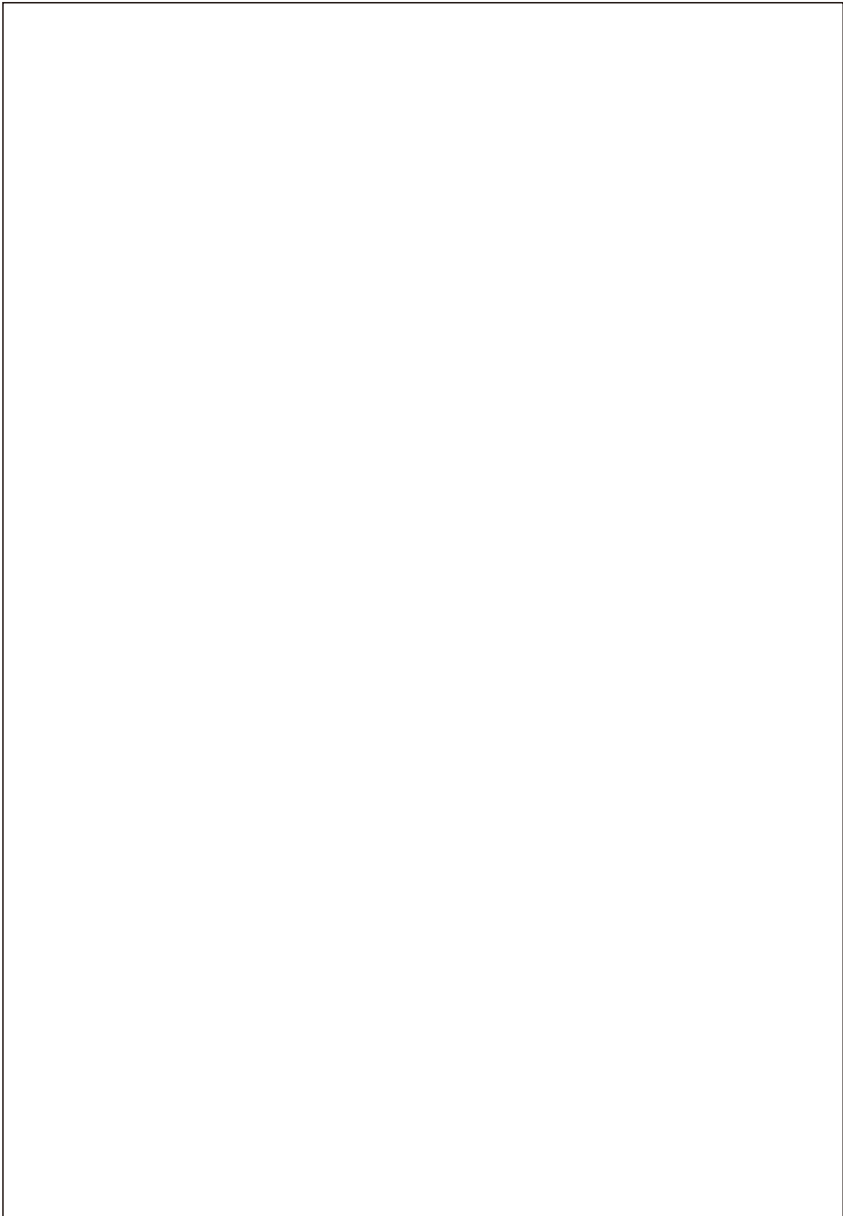
#### USER MANUAL



# SKYSTAR

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## I、Application and effect:

- 1.Applied in squares,high buildings,performance stage,television broadcasting squares,sculptures
- 2.Also applied in water curtains.fountains,big trees ,and front buildings
- 3.Single beam concentrate equals to searchlight,shooting range could be 7kilometers.

## II、Technical Specifications:

Power Supply:220V/50Hz

7000W adjustable	35A	105A	36V, 175A
5000W adjustable	25A	75A	34V. 145A
4000W adjustable	20A	60A	34V. 120A
3000W adjustable	15A	45A	30V. 100A
2000W adjustable	10A	30A	28V. 70A
1000W adjustable	5A	15A	32V. 45A

Lamp:Xenon 7000W

Color Temperature:6200K

Trigger:High frequency electronic trigger off instantly.

Glass:toughened glass

Focus:adjust manually

Scan:Electronically scan 150°

## III、Instruction:

1. Xenon series can reach 7KW.The light of this type can be turned on instantly.
2. During installation,you must clearly identify the positive(+)and the negative(-)sign in the lamp.Make sure the +/- is connected correctly.Otherwise the lamp will be destroyed instantly.

## IV、Usage and Maintenance

1. sky searchlight series light is highly efficient light,please follow the instructions to ensure proper usage.
2. To ensure safety,make sure to cut OFF the power supply before install or change lamp.Open the front cover of the light.The lamp has+/- Pole.The thin and sharp end is negative,the thick and flat end is positive.The negative end of screws is fastened into the lamp seat screw hold at the back of lamp. (See chart One)
3. Adjust light center:whether or not the light center is adjusted properly is the key of lighting quality.After installation of the lamp,when the front cover is opened,do not stand in front of the light.The lamp can be ignited after turn on the power supply.Aim the light front at an object,measure the light center.If needs adjustment,draw the five forks at the front of light nearer to the light cover and adjust the central screw,moving left or right,making the center accords to the demand.And close the cover(See Chart One)
4. Adjust light spot:adjust light spot at the back cover of the light.Turn the button clockwise or reverse can make the focus backwards or forwards.When the searchlight is in using,the light spot is adjusted into a beam of parallel light,as a result you can get the longest shooting range.When used as special lighting,according to the demands,the light spot can be amplified into certain amount.If the light spot center has black spot,it is caused by over amplification and worth noticing. (See Chart One)

5. Adjust brightness:high pressure xenon lamp belongs to gas discharge lamp,usually the light is not adjustable.Our lamp is equipped with special high frequency electronic switch as the current power supply for lamp.On the control board of power supply,there are several "working status" switch.Each switch outputs a certain percentage of lamp currents.There is another total power adjustment phase switch,which varies the currents output from "working status" switch within 50-100%, as a result,achieving the brightness adjustment. (See Chart Two)
6. The light source is high pressure xenon lamp.During installation,to increase the light efficiency and life expectancy,do not touch the ball shape part of the lamp,keep clean of the ball part.When the light is in use,the lamp must be cooled by strong wind,Make sure the cooling machine is working properly from time to time.If there is a malfunction,it must be fixed to continue use the light.
7. The reflector is the core parts of the light.It must be kept clean.After usage for some time,to clean the inner surface of the reflector,please clean with soft cloth or medical tampon dipped by alcohol or ether,to maintain the luminous flux rate.
8. The light is equipped with electronic scanner.When the light is on and needs auto scan,you only need to switch on the scanner button on the power supply control board,the light will turn in a speed of 5 times per minute,the scan angle is 150° .
9. The light is auto trigger.When the power is on,if the power is on but the light is OFF,please identify the problem with the following method:First, test the voltage of both end of the lamp,if the two ends of lamp do not have pressure or the pressure is not stable,it shows the power supply board has problem.If two ends of the lamp have over 100V stable direct current, and the trigger is triking incessantly,the lamp might has problem.If trigger does not strike,the trigger might be damaged,please refer to the above method and change part.

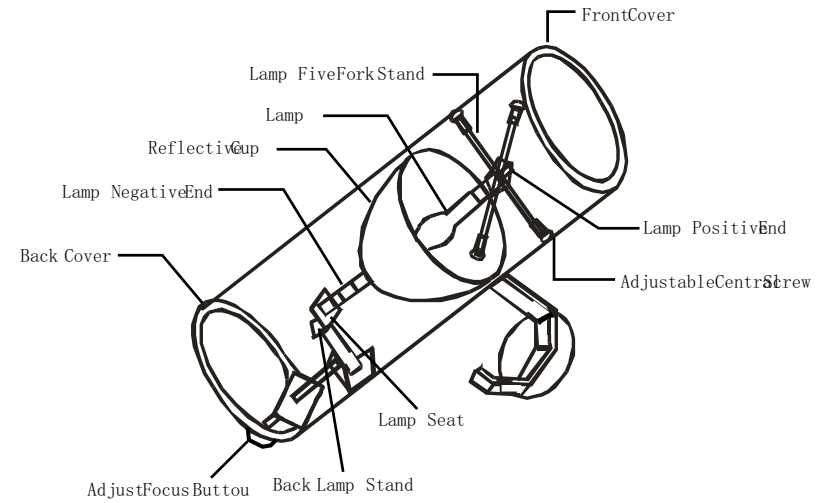
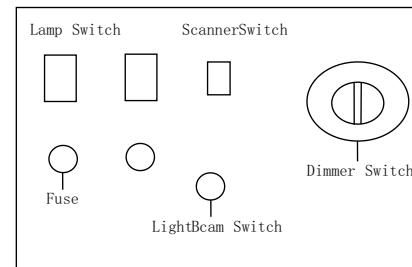


Chart One



Sky Searchlight



Chart Two