

Faulty Description	Solution
Light doesn't work	1.Check if the fuse is burnt out? 2.Check if the power is correctly connected?
Light is working, but not controllable by controller	1.Check if the DMX address code is correctly set? 2.Check the signal communication of the wires. 3.The lamp has been abnormal switched on when the cooling uncompleted, the ignited instant high voltage will with leakage and burnt out the IC or CPU
The light is working off and on	1. Check if the fan is working normally, and whether it's stuck by the dust? 2. The lamp should be over the work life, and it should be replaced.
The light beam is dark and with visible reduction.	1.Check if the lamp is over the work life? 2.Check if the internal optic system is clear?
Beam is imperfect (with halo)	Clean if it's with dust or grease on the lamp, lens and other parts.
Beam with serious distortion	1.Check if the lens is broken? 2.Clean the dust and grease of the lens
Lamp doesn't work	1、 The lamp has been abnormal switched on when the cooling uncompleted. It should be cooled more than 15minutes,restart the lamp when it's recovered 2、 Check if the lamp is over the work life? Replace the lamp if it is.

nightSun

GC005

FOLLOW **User's Manual**

Thank you for choosing our product, please read the manual carefully and operate it obey the specifications. We are not responsible for any damage caused by incorrect and safety installing. We do not take any responsibility for any damage caused by the abnormal operation.

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NIGHTSUN PRO LIGHTING EQUIPMENT CO., LTD.

Preface

This Manual includes the important information of installation and operation. Please install and operate the light according to the instructions strictly. And it must be power off when open the light or before repair.

- A: Please read the complete contents of this manual (please keep this manual attach with the light for any preview)
- B: In order to make sure the correct and safety installation、operation and maintenance, well know and follow to the instructions of Manual is necessary.
- C: We will not take any responsibility to the light damage、property loss or body injure which caused by the incorrect installation、operation and maintenance.

NOTICE: The data which inside the Manual maybe changed due to the continuous improvement, and we'll not make another notice. We will keep the right to any specification update during improvement

●Packing Content

- (Accessories) (optional)
- | | |
|-----------------------------|-----------------|
| 1.Handle bracket (1PCS) | a: Stand |
| 2.Signal cable (1PCS) | b: Bracket |
| 3.User's Manual (1PCS) | c: Clamp |
| 4.Maintenance card (1PCS) | d: Safety cable |

●Unpacking instruction

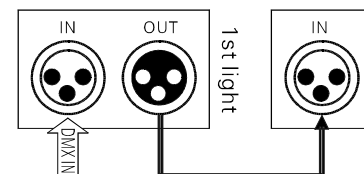
Please check if all the contents are completed after unpacking? then, check if the light is undamaged? Please you can keep the original package and return to the factory if it's damaged

●**AC Power:** Check if the voltage is accordance with the rated power.

●**Safety Specifications: All the safety items of operation (includes installation) and before operating.**

- 1.Unpacking the carton and take out all the accessories, and open the poly package, take out the light from the carton, and put it in a certain platform for operation.
- 2.This device for indoor use only, the protection grade is: IP20. the light must keep dry and avoid to use under the Moist、Overheat or Dusty surroundings. And keep the light far away from the water or other liquid.
- 3.Installing of the light must keep a distance with any flammable objects by 5m aleast. The distance between the light and the projected objects must be no less than 1m
- 4.The installation、operation and maintenance must be managed by the qualified professional, and make sure to operate it under the instruction of the t Manual.
- 5.Make sure the work environment temperature of the light maximum 40℃, and minimum -20℃.
- 6.The temperature of the light surface will up to 80℃ even under the normal cooling, so never touch it by hand.
7. The light was designed as electric shock protection type, and must connect to the power supply system which well earthed. Furthermore, the ground wire of the light must connect to the ground wire of the power supply system, ground wire interface of the light must well connect with the light body(or light must be well earthed)
- 8.Please check if the voltage is in accordance with the rated power before installation.
- 9.The light was attached with a high voltage lamp (but attach or not is selectable) , please never touch it by hand as it's very hot during work. Please read the Manual carefully when you are replacing new lamp. and the lamp must be replaced immediately when it's damaged or transformed by overheat. You must drive tight the screws

the “IN” of next light from the recommended when the lighting signal which caused by the noise, with a 120Ω resistor between the it to the last OUTPUT socket of the See Picture:



●DMX channel form

DMX Channel	DMX Value
1、Flash	0 ~ 255
2、Iris	0 ~ 255
3、Color wheel	0 ~ 255
4、Color temperature	0 ~ 255

Maintenance

●Cleaning and Using Frequency

The light should keep clear in order to be recommended to clean the light body should be cleaned as well in order to use a resolvable detergent to clean the light. The lamp should be replaced at once when the light will be reduced when the lamp has been replaced, as senescent lamp may be replaced.

When the light doesn't work, the same fuse should be replaced. If it will cut off the power automatically, please check if the fan is working normally. Restart the light after repaired it.

●Complain

- 1.The salesman will check the details of the delivered quantity、delivery time
- 2.QC and Technology department will provide a final solution to customer

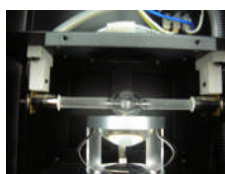
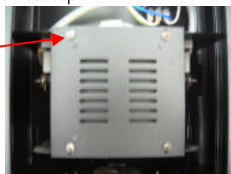
Faulty Disposal

9.Power supplier			
N.W:	11Kg	22.5Kg	
G.W:	12Kg	24Kg	

Installation

● Installation/replacement of lamp

remove the 4
screws on
the cover



1. first disconnect the power, remove the screws on the top cover, then take off the top cover.
 2. remove the screws on the moving cover, pull up the moving cover and take out the lamp carefully.
 3. the same kind and power of lamp(recommend to buy from distributor or supplier) should be used when you are replacing the lamp, install in the opposite way. Please don't touch the glass parts by bare hand and oiliness.
- Caution: when replacing the lamp, please drive tight the screws of two ends, or it's easy to get fire or damage the light.

● Focus adjustment

Focus of fine lens is defaulted in the factory; it's available to adjust according to the distance. When the lamp is ON, pull or rotate the optical column, adjust the lens to the proper position.

● Connection of Power and Wire

The exclusive plug should be used between the connection of light and power, and please confirm if the rated voltage and frequency is accordance with the power supply. Every light with an independent power switch is suggested, it will be convenient for you to turn ON or OFF every light. Parameter of Input Voltage and Frequency:

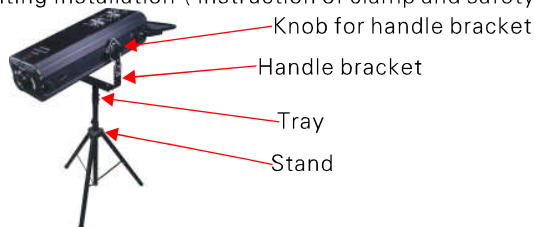
voltage	AC220 ~ 240V	Frequency	50Hz
(optional)	AC100 ~ 127V	Frequency	60Hz

The power cable must confirm to the requirement of light, if the light used HMI 1200W lamp, then 2mm² 3-core power cable must be used. If the light used HMI 2500W lamp, then 4mm² 3-core power cable must be used

Please contact with the agent or professional for replacement if the power cable was damaged; The replaced power cable must be same size as original.

Caution: The ground wire(Y/G wire) must be earthed during power connection, the installation must in accordance with specified standards.

4. Lighting Installation (instruction of clamp and safety cable)



First drive out the 4 fixationknobs of the handle bracket, then drive tight the 4 fixationknobs of the handle bracket.

If you need to use the "handle bracket" to fix the light fixture together. And then fixation the light fixture under the handle bracket, ensure the light fixture follow the spot light which fixed with the handle bracket, then tight the fixation knob.

There is no entrance to the work area, if the power cable has fretted away or clamp is not tight, it will be caused by the lighting fall of unstable.

Operation

● Operations

First please connect the power cable. This fixture has overheat and switch protection. Please turn on the light after work after 30s. Please turn on the light after the lamp is stable trigger voltage triggering and interfere the light.

Cautions:

1. Please never random turn on/off the light, please turn off to allow the lamp cool down.
2. In order to avoid injure to your eyes, please do not look at the light when lamp is ON.
3. Please check if the fan is working properly, please do not operate the light when the fan is not working.
4. Long time using is harmful to the light, please do not use more than 6 hours once.
5. If any fixture got fault during the work, please stop work under abnormal status.
6. If any signal disordered, or out of order, please check if the light is connected or short connected.
7. In order to avoid signal interference, please make sure the light be well earthed.

● Address code setting

Dial DIP switch, it's available for the address code setting. 10 ON is DMX512 standard.

When use a controller to control the light, please set the address code to receive the signal which send by the controller. code setting, contrast form of the light.

Dip switch	1
Corresponding address code	1

Every light should set a DMX address code, please set the address code are using the controller to control the light.

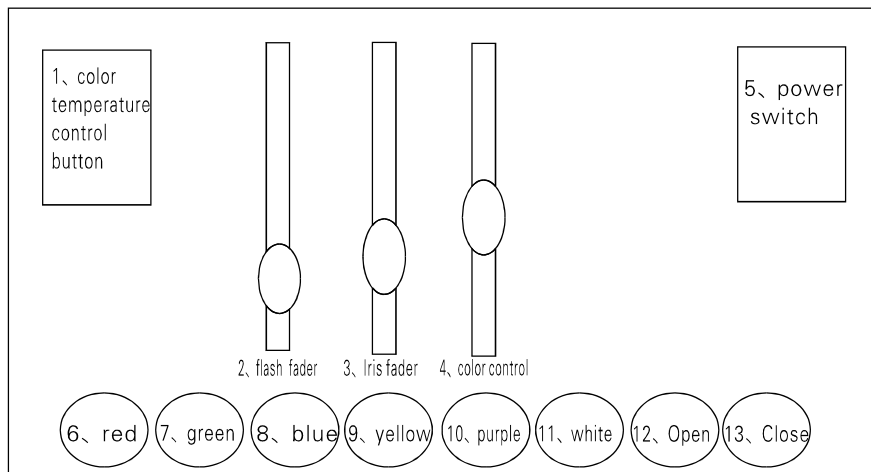
The address code of the present light (the address code of the present quantity of the controller) this light should be: 033, the fourth light should be: 034, the fifth light should be: 035, the sixth light should be: 036, the seventh light should be: 037, the eighth light should be: 038, the ninth light should be: 039, the tenth light should be: 040.

●Panel Operation

Set DIP switch to be the panel console signal receiving mode, switch on the panel console, the yellow indicator will flash if the light is receiving the signal normally. Operation according to the instruction of the console buttons.

- 1.ON/OFF console power switch
- 2.NONE (close) /RISE (color temperature rise) /FALL (color temperature fall) color temperature control button.
- 3.STROBE flash speed control
- 4.APERTURE iris adjustment fader
- 5.COLOR color adjustment fader
- 6.R/G/B/Y/P/W Red/Green/Blue/Yellow/Purple/White color control
- 7.OPEN、CLOSE light open/close button

Panel control illustration



Appendix

●Usage of the Signal Cable、 Connector

The connection between the output of master light and input of the slave light, it's available to use the 3 pins XLR cable which provided by the manufacturer. Signal cable from the DMX output of the controller to the input of the first master light, and connect to the DMX input of second slave light from the DMX output of the first master light, analogously, till connected all the slave lights, and insert the last connector to the output of the final light.

If you want to prolong the connection of signal cable, the connection of the pins between male connector and female connector should be: 1 to 1; 2 to 2; 3 to 3, or it will cause communication interruption. (**Notice: the diameter of core of every cable should be 0.5mm at least, double core shelter cable should be used**). The signal connecting must use the attached 3 pins XLR cable. Notice, all the internal lead wire of the 3 pins XLR cable should not touch to each other or connect to the connector.

The light is available to receive the DMX512 signal, connect the signal plug to the panel which marked with "IN", and connect it to the next light. then, connect to

when lamp was replaced.

10. Before installation, please check if the cause of transportation. And check the Resistor of housing, familiar with diagram.
11. It's prohibited to install the light by connecting it to the power supply. It must be steady、 vertical、 earthed.
12. The light must keep away from water and fire. Before open the cover. This is the necessary position according to the requirement of the multi lights in parallel via two connectors of the controller to the light. This light must make sure the hanger is bearable for the weight. The cable must be added after installed the light to ensure safety operation.

Notice: Please make sure it's power off

Introduction

●Features

Follow spot light is a multifunctional, flexible light. It is widely used in Disco, entertainment venues, etc.

●Technical features

1. Control mode: panel control and DMX control
5. Channel: 4 DMX channels
3. Dimmer: double patches dimmer, flash control
4. Iris: fine adjustable iris
5. Color wheel: 1 color wheel, 5 colors + white
6. Color temperature wheel: 2 color temperature wheels
7. Beam angle: 16.5°
8. Appearance: metal housing, streamlined
9. Work environment: indoor, -20°C ~ 40°C
10. IP grade: IP20

Technology Parameter

Model:	
1. Input Voltage:	AC 200-240V
2. Lamp:	HM11200W
3. Power consumption:	1500W
4. Fuse:	F20A, AC250V
5. Lamp Base:	SF615.5
6. Outline size:	
Packing size:	
7. N.W:	28.5Kg
G.W:	32Kg
8. Power supplier	
Outline:	330×200×196mm
Packing size:	360×280×260mm

http://acctech.ru/cat/teatralnye_prozhektory/