



**YELLOWRIVER**  
MAKE YOUR STAGE TO BE MORE EXCELLENT

## **400W led moving head light (Model:YR-IP400CMY)**



### **User Manual**

*Please read these instructions carefully before use*

**Attention:**

Any damage caused by disregard of this manual is not covered by the warranty. The manufacturer does not assume any responsibility for any consequences and problems caused by disregard of this manual. Please note that the damage caused by violation of the operating rules is not covered by the warranty.

**Technical indicators:****The light source parameters:**

Power Source: 400W

Service life:20000 hours

CCT: 6800K

**Control parameter:**

Beam Angel: 3~38 degrees

Strobe: electric strobe 1~30t/s,Support pulse strobe + effect strobe + random strobe

Dimmer: line dimmer

Control Signal: DMX512+RDM,Comply with international standard lighting control transmission protocol, support console setting address code, support DMX interface to upgrade software.

Control Channel: 23CH

Control mode: DMX512/Manual/Master&Slave

Cooling System: 2pcs big power Fan,Active cooling

Color: 1pcs color disc: 8pcs colors + white light, with bidirectional variable speed flow effect and rainbow effect  
CMY: 1 PCS C wheel +1 PCS M wheel +1 PCS Y wheel,they can be overlapped to get a color mixing effect

CTO: 1 piece CTO GLASS with adjustable color temperature

Gobo: 1 metal gobo wheel: 11 gobos + white, with shaking, flowing effect

1 glass gobo wheel: 7 gobos + white, with shaking, flowing effect

Prism: 1pc 3 prism,1pc 4 prism ,rotate forward and backwards

Frost: 1 independent atomizing glass,can convert to a coloring effect

Scanning: pan movement 540 degrees 3.2S/cycle, tilt movement 270 degrees 1.3S/cycle, three-phase motor, double-precision reset with

precision reset, so that positioning is more accurate, while automatic error correction, with automatic return function

Display function:TFT LCD display, screen can be reversed, switch between Chinese and English, automatic screen off/permanent screen, can display bright Bulb time, fault detection, software version information, can restore factory Settings.Automatic locking function to prevent false contact

Light source heat dissipation: the use of internal circulation + copper pipe heat conduction technology, active heat dissipation, to ensure more stable products

Safety protection: Automatically cut off the power supply when the body overheats or the system fails

**Working parameters:**

Operating voltage: AC100V-240V (50/60HZ)

Total rated power: 580W

Power factor: 0.99

Maximum ambient temperature: 40 degrees

**Light parameters:**

Shell: aluminum, waterproof, high-temperature, anti-radiation, anti-messy flower

Bottom box pull-out: open the display panel can be directly pulled out to replace the

Bottom box: power supply, drive board, fan, display board

Wire: The high pressure part uses high temperature resistant silicone wire, the weak part uses 1332 Teflon high temperature wire

Display: TFT LCD display +4 touch buttons

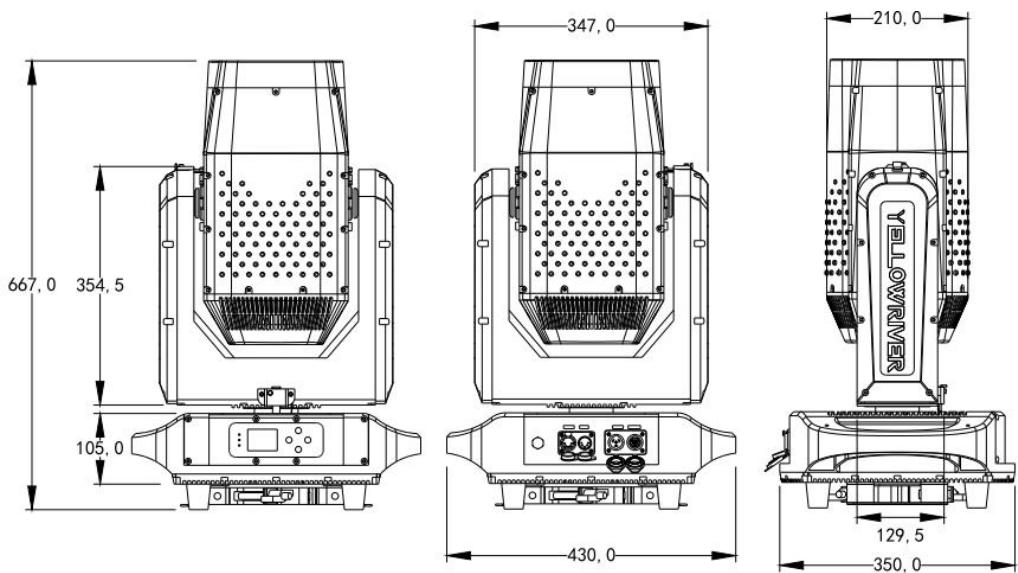
Power interface: Twisting head, one blue (in) one white (out)

Signal interface: Signal socket 3-core male + female

IP rate: IP66

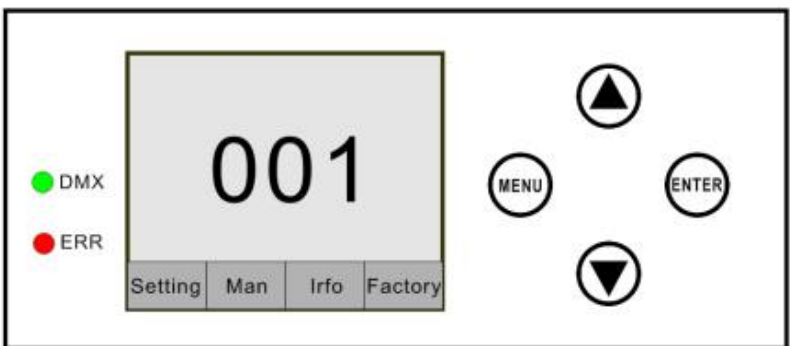
Net weight: 30.5KG

## 1. Size



## 2. Menu

### (1)main board:



To unlock display press





# 合格证

Certificate

**产品名称:** \_\_\_\_\_

**产品型号:** \_\_\_\_\_

**检验员:** \_\_\_\_\_

**检验日期:** \_\_\_\_\_

**执行标准:** GB7000-217-2008

**Execution Standard:** GB7000-217-2008

**本产品经检验合格, 准予出厂。**

**本产品 has been inspected and qualified for shipment.**



广东黄河灯光科技有限公司  
Guangdong Yellow River Lighting Technology Limited  
全国唯一服务热线: 400-618-4388

# 产品保修卡

Product Warranty Card

**尊敬的客户:**  
Dear Customer:  
非常感谢您购买我们的产品, 今后在使用过程中, 您将享受我们为您提供的保修一年的售后服务。  
We thank you for purchasing our product. In the future, you will enjoy the one-year after-sales service warranty provided by us.

**保修条款:**  
1. 本产品从购买日起, 正常使用并未经拆修, 经保修人员确认属产品质量问题, 一年的享受保修服务, 在正常使用情况下均提供维修。  
2. 保修产品在保修期内, 保修卡无本公司保修章无效。产品维修时请带保修卡。  
**Warranty Terms:**  
This product, from the date of purchase, under normal operation and without repair, if confirmed by the repair personnel as a quality problem, the warranty service is provided within one year. The warranty card should be filled out at the time of purchase, and the warranty card is invalid without the company's warranty seal when the product is maintained.

**用户资料**  
Customer Information  
顾客姓名: \_\_\_\_\_ 购买商: \_\_\_\_\_  
Customer Name: \_\_\_\_\_ Buyer: \_\_\_\_\_  
购买日期: \_\_\_\_\_ 产品型号: \_\_\_\_\_  
Date of purchase: \_\_\_\_\_ Product Model: \_\_\_\_\_

**保修记录**  
Warranty Record

报修日期 Repair Date	故障及处理方法 Fault and Solution	维修日期 Repair Date	维修人员 Repair Technician

广东黄河灯光科技有限公司  
Guangdong Yellow River Lighting Technology Limited  
售后服务部  
After-sales Service Address: 108 building, No.41 Zhongyuan Avenue,  
Wuyang, Zhongyuan Avenue, Zhongyuan Avenue, 2008, Zhongyuan City, Guangdong, China.

8. When changing the light source, disconnect the power first, open the head plastic cover, and open the bracket of the light source area, and change the light source with the same specification .

#### 5. Installation requirement

1. The product shall be free from corrosive vapors and gases in the operating environment and shall not contain inflammable and explosive articles.

2. Keep the distance between the light outlet direction and the subject at least more than 3 meters.

3.The direction of the light is an optical lens. No external force can hit the glass in the process of operation. If the lens is damaged, it can only be used after the professional technician replacing the lens of the same specifications .

4. When the outer cover of the power cord is damaged, it must be replaced with a new power cord of the same specification by relevant professional personnel before use.

5.When the product is hung and installed, the load bearing of the hanging device shall be at least 3 times greater than the weight of the product, and the safety rope shall be fastened on the auxiliary hanging device of the lamp, and the load bearing of the safety rope shall be more than 3 times greater than the weight of the product.

6. The lens and light source of this product must be fully used together. When any part is damaged, it shall be replaced by relevant professional personnel before it can be used again.

7. In the operating environment, it must be determined that the current voltage provided is within the range required by this specification and well grounded.

**The company reserves the right to amend this product manual without prior notice**

#### 1.Settings:

Setting		
Run Mode	DMX/Scene/Auto	
Scene Set	Scene Select	01---20
	Scene Time	000---255
	Auto Run	Off/On
	1.Pan	000---255
	2.Pan Fine	000---255
	3.Tilt	000---255
	4.Tilt Fine	000---255
	5.Pan-Tilt Speed	000---255
	6.Dimmer	000---255
	7.Shutter/Strobe	000---255
	8.Cyan	000---255
	9.Magenta	000---255
	10.Yellow	000---255
	11.CTO	000---255
	12.Color	000---255
	13.Gobo	000---255
	14.Gobo1	000---255
	15.Gobo Rt	000---255
	16.Prism1	000---255
	17.Prism1 Rotation	000---255
	18.Prism2	000---255
	19.Prism2 Rotation	000---255
	20.Zoom	000---255
	21.Focus	000---255
	22.Frost	000---255
DMX Address	001---512	
Device Reset	OFF/ON	
Channel Mode	23CH	

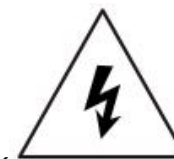
Language	English/Chinese	
Fan Mode	Standard/LowNoise	
Screen Rotation	OFF/ON	
Screen Lock	ON/OFF	
Invert Pan	OFF/ON	
Invert Tilt	OFF/ON	
Pan-Tilt Swap	OFF/ON	
Pan-Tilt Encoder	ON/OFF	
DMX Signal	CLEAR/Keep	
Clear Scene	No/Yes	
Load Default	No/Yes	

#### Information:

Version	Ver:xxx
	DIS:xxx
	MT1:xxx
	MT2:xxx
Time information	Total Lamp:xxx
	Total User:xxx
System Waring	Gobo1 reset fail
	Gobo reset fail
	Colour reset fail
	Focus reset fail
	Zoom reset fail
	Tilt reset fail
	Tilt Hall error
	Pan reset fail
	Pan Hall erro
	CMY Board Connect Fail
	MT Board Connect Fail

20	Zoom	000-255	Patterns grow from small to large
21	focusing	000-255	Adjust pattern clarity
22	Frost	000-127 128-255	Ejection of atomizer Atomizing plate entry
23	resetting	000-249 250-255	Empty Reset(3 seconds)

#### 4. Instructions and remarks



Warning. Electric shock

The light source inside this lamp should be replaced by our company or our service agent or person with similar qualification

1.Check whether the power supply and voltage are normal before use. If the voltage fluctuates greatly, it is recommended to use voltage stabilizer or voltage regulator.

2.The equipment belongs to the first-level protective lamps. The power cord of the product must be grounded and well grounded when used

3.This equipment shell temperature around 40 to 60 °C while work, do not touch the shell

4.The internal components of the equipment must be purchased from the manufacturer

5. Use the console control as far as possible avoid neighbors have interference sources (example: wireless walkie-talkie, high frequency source, etc.)

6. When using this product, the same signal lines within 20 meters maximum control 20 sets of the same products, beyond this range should be an additional signal amplification devices amplify the signal to use

7. Light source in use, must be controlled within the indicated the use time of light source, out of timer, please change the lamp;

14	Gobo	000-004	White light
		005-009	Big White light
		010-019	gobo 1
		020-029	gobo 2
		030-039	gobo 3
		040-049	gobo 4
		050-059	gobo 5
		060-069	gobo 6
		070-079	gobo 7
		080-089	gobo 1 Jitter (slow to fast)
		090-099	gobo 2 Jitter(slow to fast)
		100-109	gobo 3 Jitter(slow to fast)
		110-119	gobo 4 Jitter (slow to fast)
		120-129	gobo 5 Jitter (slow to fast)
		130-139	gobo 6 Jitter (slow to fast)
		140-149	gobo 7 Jitter(slow to fast)
		150-200	Forward flow (fast to slow)
		201-205	Reverse flow (slow to fast)
15	Gobo rotation	000-127	Rotate pattern Angle adjustment
		128-191	Forward rotation (fast to slow)
		192-255	Reverse flow(slow to fast)
16	Prism 1	000-127	Prism ejection
		128-255	Prism insertion
17	Prism 1 rotation	000-127	Prism Angle adjustment
		128-191	Forward rotation(fast to slow)
		192-255	Reverse rotation(slow to fast)
18	Prism 2	000-127	Prism ejection
		128-255	Prism insertion
19	Prism 2 rotation	000-127	Prism Angle adjustment
		128-191	Forward rotation (fast to slow)
		192-255	Reverse rotation (slow to fast)

MT Hall	xxx
Panwheel Step	xxx
Tiltwheel Step	xxx
Authority Hours	xxx

#### Factory:

Authority Hours	xxx
Pan	-127---+127
Tilt	-127---+127
Cyan	-127---+127
Magenta	-127---+127
Yellow	-127---+127
Color	-127---+127
Gobo1	-127---+127
Gobo1 RT	-127---+127
Focus	-127---+127
Zoom	-127---+127
Prism1	-127---+127
Prism1 Cal	-127---+127
Prism2 Zero	-127---+127
Prism2 Cal	-127---+127
Frost Zero	-127---+127
Frost Cal	-127---+127
Power	230
X Hall	ON/OFF
Y Hall	ON/OFF

#### 2.DMX512 channel:

CH	Function	Number	Description
1	X	000-255	Horizontal scan 540 degrees
2	X fine-tuning	000-255	1.2 degrees Horizontal scan fine tuning

3	Y	000-255	Vertical 270 degree scan
4	Y fine-tuning	000-255	1.2 degrees vertical fine tuning
5	XY speed	000-255	From fast to slow
6	dimmer	000-255	From dark to bright
7	Shutter	000-003 004-103 104-107 108-207 208-212 213-251 252-255	white color Pulse shutter:from slow to fast Shutter open Standard shutter:from slow to fast Shutter open Random shutter:from slow to fast Shutter open
8	C	000-255	Linear change
9	M	000-255	Linear change
10	Y	000-255	Linear change
11	CTO	000-255	Linear change
12	Color	000-002 003-007 008-012 013-017 018-022 023-027 028-032 033-037 038-042 043-047 048-052 053-057 058-062 063-067 068-072 073-077	White light White light + Color 1 red Color 1 red Color 1 red + color 2 yellow Color 2 yellow Color 2 yellow+ color 3 blue Color 3 blue Color 3 blue+ color 4 green Color 4 green Color 4 green + color 5 magenta Color 5 magenta Color 5 magenta + color 6 orange Color 6 orange Color 6 orange + color 7 blue-green Color 7blue-green Color 7 blue-green+ color 8 light blue- purple

12	Color	078-082 083-084 085-170 171-255	Color 8 light blue- purple Color 8 light blue- purple+ warm light Forward flow (fast to slow) Reverse flow (slow to fast)
13	Fixed gobo	000-004 005-009 010-014 015-019 020-024 025-029 030-034 035-039 040-044 045-049 050-054 055-059 060-064 065-069 070-074 075-079 080-084 085-089 090-094 095-099 100-104 105-109 110-114 115-119 120-190 191-255	White light Fixed gobo 1 Fixed gobo 2 Fixed gobo 3 Fixed gobo 4 Fixed gobo 5 Fixed gobo 6 Fixed gobo 7 Fixed gobo 8 Fixed gobo 9 Fixed gobo 10 Fixed gobo 11 White light Jitter(from slow to fast) fixed gobo 1 Jitter(from slow to fast) fixed gobo 2 Jitter (from slow to fast) fixed gobo 3 Jitter (from slow to fast) fixed gobo4 Jitter(from slow to fast) fixed gobo 5 Jitter(from slow to fast) fixed gobo 6 Jitter (from slow to fast) fixed gobo 7 Jitter(from slow to fast) fixed gobo 8 Jitter(from slow to fast) fixed gobo 9 Jitter (from slow to fast) fixed gobo10 Jitter (from slow to fast) fixed gobo11 Jitter (from slow to fast) Reverse flow (fast to slow) Forward flow (slow to fast)