



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

## **482W MOVING HEAD BEAM LIGHT (Model: YR-462B)**



**User Manual**

*Please read these instructions carefully before use*

**Attention:**

Any damage caused by ignoring this manual does not belong to the scope of the warranty, and the manufacturer does not bear any responsibility for all consequences and problems caused by this. Please note that the damage caused by violation of the operating procedures is not within the scope of the warranty.

**Technical parameters:****Light source parameters:**

Light source: 482W

Average life expectancy: 2000 hours

Color temperature: 7000K

**Control parameters:**

Optical path lens: combined lens, the light Angle of the whole lamp is 1.3°, can achieve focusing, and the beam is sharp

Stroboscopic: two-piece stroboscopic 1-30 times/second, support pulse stroboscopic + effect stroboscopic + random stroboscopic

Dimming: Linear dimming

Control signal: DMX512(Digital Multiple X 512)+RDM Control channels: 16 channels /20 channels

Operation mode: console, manual, master-slave, optional DMX512 wireless signal control

Light source heat dissipation: 2 turbine fans precise heat dissipation + gyroscopic automatic adjustment heat dissipation system

Color: 1 color plate: 14 German imported technology high-gloss coating color plate + white light, step conversion color, with two-way variable speed flow effect and rainbow effect

Gobo: 1 metal pattern plate: 17 gobos + white light, step conversion pattern, with variable speed jitter, two-way variable speed flow effect

Prism: 1 8-prism +1 double-layer honeycomb prism, can be superimposed, can be independently rotated, with bidirectional variable speed

Six color wheel: 6 high-gloss coating colors, with prism can produce six-color prism effect

Frost: 1 independent atomization plate, which can convert the beam into dyeing effect

Scanning: horizontal 540 degrees 1.9S/ cycle, vertical 270 degrees 1.0S/ cycle,

using photoelectric reset + Hall correction + zero point

Display function: The screen can be reversed, Chinese and English switch, automatic screen off/persistent bright screen, can display the bright bubble time, fault detection, software version information, can restore factory Settings

Light bulb opening mode: can set automatic lighting bubble, manual lighting bubble and console lighting bubble

Life protection: When the strobe is off (that is, the light is closed) for 1 hour, the lamp will automatically extinguish the bubble

Over temperature protection: high sensitivity ceramic temperature control full process inspection, can automatically cut off the protection of the light source

**Working parameters:**

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

Total rated power: 750W

Power factor: 0.99

Rated current: 3.41A

Maximum ambient temperature: 40 degrees

**Light parameters:**

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

Shell: high temperature resistant engineering plastic

Display: Touch LCD display +5 mechanical buttons

Power interface: twin-twist brittle head, one blue (in)+ one out (white)

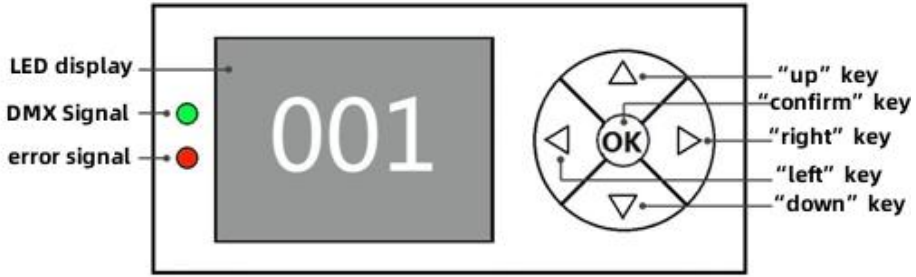
Signal interface: Signal socket 3-core male + female, can plug DMX512 wireless signal receiver

IP rate: IP20

Weight: 19 KG

Size: 39\*26.5\*60.5 CM

## 1. DISPLAY SCREEN



## 2. MEUN

### (1) DMX SETTING

Option	Function	
DMX address	001~512	Press up and Down to change the address code, and press OK to save the change

### (2) Light SETTING

DMX channel	16CH	16-channel mode
	20CH	20-channel mode
RDM function	open	With RDM function
	close	Without RDM function
Language	Chinese	Set the interface to Chinese
	English	Set the interface to English
Screen flip	close	Frontal display
	open	Screen inverted display
DMX signal	hold	Disconnect the console signal and the lamp will keep the data from the original console
	Clear	Disconnect the console signal and clear the console data
screensaver	open	Have a screensaver
	close	No screen protection
X reversal	close	
	open	



# 合格证

Certification

产品名称: \_\_\_\_\_  
Item Name

产品型号: \_\_\_\_\_  
Item NO.

检验员: \_\_\_\_\_  
Inspector

检验日期: \_\_\_\_\_  
Inspection Date

执行标准: GB7000-217-2008  
Implementation Standards

**本产品经检验合格, 准予出厂!**

This product passed the inspection

广东雅格莱灯光音响有限公司  
Guangdong YaGe Lai Lighting & Audio Limited  
全国电话: 400-618-4388  
Tel: 400-618-4388

# 保修卡

Protection to Fix Card

非常感谢您使用我们的产品

1. 本产品从购买日起, 正常使用使用并未经拆修, 经保修人员确认属产品质量问题, 一年内享受免费服务(其中光源为易耗品只享受三个月保修), 在作保证正常情况下均提供维修。

2. 保修卡应在购买时填写, 保修卡无本公司保修章无效, 产品维护时请带保修卡。

Very thank you for using our products

1. From the date of purchase, if the product is operated correctly without disassembling and fixing, at the same time, the quality problem was confirmed by our after-sale service department, we will offer maintenance service at any time under any normal situation within one year.

2. The warranty card should be filled in at the time of purchase. The warranty card is invalid without our company's warranty seal. Please bring the warranty card when maintaining the product.

顾客姓名 Customer Name	购买日期 Purchase Date	产品型号 Product Model	购买商 Purchaser

保修记录:  
Warranty record

广东雅格莱灯光音响有限公司  
Guangdong YaGe Lai Lighting & Audio Limited  
地址: 肇庆市高新区大旺大道41号肇庆万洋众创城C10  
Address: 410, Huanwangzhuanghuangcheng, No. 41, Dawang Avenue, Dawang, Duanze, High-Tech Zone, Dingdeping City, Guangdong Province

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

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

y-inversion	close	
	open	
XY exchange	close	
	open	Channel for switching XY axes (including fine tuning)
XY encoder	open	Use the encoder (optocoupler) to determine the out-of-step and automatically correct the position
	close	No encoder (optocoupler) is used to correct the position
Color linearity	open	The color wheel changes linearly
	close	Color wheel nonlinear change, half-color change
Restore default Settings		Press "OK" to see the confirmation dialog box, press "OK" again to restore the default Settings

### (3) Operation mode

MODE	DMX	Slave status: Receives DMX signal from console or host
	Auto	Master status: Self-drive and send DMX signal to slave
	Voice control	
Manual control		This interface is used to control the current light (does not receive DMX signals), corresponding to the channel. Refer to the channel table for details
Light reset		Full motor reset
XY reset		XY motor reset
MT reset		Small motor reset

### (4) system information

This interface is used to control the current light (does not receive DMX signals), corresponding to the channel. Refer to the channel table for details

Option	Function	
System version	DIS	Display board software version
	MT	Motor board software version
Temperature information		Displays the current temperature of the light
Fan information		Show the blower speed
System time	Displays total brightening time	
	Displays the current brightening time	
	Displays total usage time	
	Displays the current usage time	
	Permission duration	9999 means no encryption and can be used for a long time. Other values indicate time left, encrypted;
Sensor monitoring	X Hall	Optocoupler Hall status check; 0 when magnetic is detected, otherwise 1;
	Y Hall	
	Color hall	
	Pattern hall	
	Focusing hall	
	X-coded state	
	Y code state	
	X encoding step value	XY encoding step value: the step value should be increased in the forward direction, and the step value should be reduced in the reverse direction. The value is normal every time you go to the same point;
	Y encoding step value	
System error		Shows which function of the lamp is faulty
DMX monitoring		Detect console data

#### 4.Instructions and remarks



#### Warning !Risk of shock

The light source inside this machine 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℃ (104°F) to 50℃ (122°F) 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 light source;

5	Prism 1	000-127 128-255	Prism ejection Prism insertion
6	Prism 1 rotation	000-127 128-190 193-255	Prism Angle adjustment Clockwise rotation (fast to slow) Rotate counterclockwise (slow to fast)
7	Prism 2	000-127 128-255	Prism ejection Prism insertion
8	Prism 2 rotation	000-127 128-190 193-255	Prism Angle adjustment Clockwise rotation (fast to slow) Rotate counterclockwise (slow to fast)
9	focusing	000-255	Pattern clarity from far to near
10	X-axis	000-255	Horizontal 540 degree scan
11	X-axis trim	000-255	Horizontal 1.2 degree fine adjustment
12	Y-axis	000-255	Vertical 270 degree scan
13	Y-axis fine-tuning	000-255	Vertical 1.2 degree fine adjustment
14	XY velocity	000-255	Speed from fast to slow
15	Atomizing/colorful	000-127 128-191 192-255	White light Colorful ejection Atomizing ejection
16	Bulb control & reset	000-025 026-050 061-085 100-105 200-205 250-255	None Effect small motor reset XY motor reset Put out the bulb Light a bulb Full motor reset
20 CH	17	reserve	000-255 Speed from fast to slow
	18	Color wheel speed	
	19	Dimming - Prism - frost speed	
	20	Pattern speed	

### (5) Control of lamp

Option	Function	
Lamp	On	bubbling
	Off	Bubbling off
Bright lamp on startup	On	Reset complete, automatic light bubble
	Off	After the reset is complete, the bubble will not automatically light up
Interval time	0-20	Bubble interval (unit minute)
Wind speed low off bubble	On	When the speed of the blower is detected to be too low, the bubble will be extinguished
	Off	When the blower speed is detected to be too low, the bubble will not be extinguished

### (6) Factory Settings: factory designers use

### 3.Channel (1--16 channels for 16CH mode, 1--20 channels for 20CH mode) :

1	Color	000-004	White light
		005-009	White light + Color 1
		010-014	Color 1
		015-019	Color 1+ color 2
		020-024	Color 2
		025-029	Color 2+ color 3
		030-034	Color 3
		035-039	Color 3+ color 4
		040-044	Color 4
		045-049	Color 4+ color 5
		050-054	Color 5
		055-059	Color 5+ color 6
		060-064	Color 6
		065-069	Color 6+ color 7
		070-074	Color 7
		075-079	Color 7+ color 8
080-084	Color 8		

		085- 089 090- 094 095- 099 100 -104 105 -109 110 -114 115 -119 120 -124 125 -129 130 -134 135 -139 140 -144 145 -149 150 -200 201 -255	Color 8+ color 9 Color 9 Color 9+ color 10 Color 10 Color 10+ color 11 Color 11 Color 11+ color 12 Color 12 Color 12+ color 13 Color 13 Color 13+ color 14 Color 14 Color 14+ white light Flow clockwise (fast to slow) Counterclockwise flow (slow to fast)
2	Strobe	000-003 004-103 104-107 108-207 208-212 213-251 252-255	Shutter off Stroboscopic from slow to fast Light gate open → (controlled by dimming channel) Pulse stroboscopic from slow to fast Light gate open → (controlled by dimming channel) Random stroboscopic from slow to fast Light gate open → (controlled by dimming channel)
3	Dimming	000-255	From dark to light
		000- 004 005- 009 010- 014 015- 019 020- 024 025- 029 030- 034	White light gobo 1 gobo 2 gobo 3 gobo 4 gobo 5 gobo 6

		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- 124 125- 129 130- 134 135- 139 140- 144 144- 149 150- 154 155- 159 160- 164 165- 169 170- 174 175- 179 200- 217 218- 255	gobo 7 gobo 8 gobo 9 gobo 10 gobo 11 gobo 12 gobo 13 gobo 14 gobo 15 gobo 16 gobo 17 White light jitter (slow to fast) gobo 1 Jitter (from slow to fast) gobo 2 Jitter (from slow to fast) gobo 3 Jitter (from slow to fast) gobo 4 Jitter (from slow to fast) gobo 5 Jitter (from slow to fast) gobo 6 Jitter (from slow to fast) gobo 7 Jitter (from slow to fast) gobo 8 Jitter (from slow to fast) gobo 9 Jitter (from slow to fast) gobo 10 Jitter (from slow to fast) gobo 11 Jitter (from slow to fast) gobo 12 Jitter (from slow to fast) gobo 13 Jitter (from slow to fast) gobo 14 Jitter (from slow to fast) gobo 15 Jitter (from slow to fast) gobo 16 Jitter (from slow to fast) gobo 17 Jitter (from slow to fast) Flow clockwise (fast to slow) Counter clockwise flow (slow to fast)
4	Gobo		