

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
Well grounded.
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 .

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



YELLOWRIVER
MAKE YOUR STAGE TO BE MORE EXCELLENT

400W led moving head light (Model: YR-400CMY)



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(CTO: 5700K--3500K)

Control parameter:

Beam Angel: 3~38 degrees

Strobe: Double-shutter strobe 1~30t/s, Support pulse strobe + effect strobe + standard strobe

Dimmer: 0-100%

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: 1 color wheel: 8 colors + white, with semi-color 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:
5700K--3500K

Prism: 1pc 8 facet prism, 1pc linear

prism, rotate forward and backwards
Gobo: 1 metal gobo wheel: 11 gobos + white, with shaking, flowing effect

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

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;

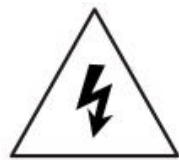
18	Prism2	000-128 129-255	Prism out Prism in
19	Prism2 rotating	000-127 128-191 192-255	Angle adjustment Anti clockwise flow from fast to slow Clockwise flow from slow to fast
20	Zoom	000-255	Gobo from small to big
21	Focusing	000-255	Sharpness From far to near
22	Frost	000-127 128-255	Frost glass in Frost glass out
23	Reset	000-249 250-255	N/A Reset

3. Online description of master-slave mode

Set one of the machines as the host, select self-running, set the other machines as the slave, and the slave machines as the DMX address code 001 state, connect the signal line. At this time, the slave machines accept the host control, and the functions are synchronized with the current functions of the host.

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.

Frost: 1 independent atomizing glass

Scanning: pan movement 540 degrees 2.6S/cycle, tilt movement 270 degrees 1.3S/cycle, three-phase motor, double-precision reset with photoelectric reset + Hall correction, making the positioning more accurate, and automatic error correction, with automatic return function

Display function: LCD screen, reversible screen, Chinese-English switchable, it can display the working time of lighting, fault detection and control, and can be restored to factory settings

Safety protection: automatically cut off the power when the machine overheats or system fails

Working parameters:

Operating voltage: AC100V~240V, 50/60hz

Power: **580W**

Power factor: 0.99

Working temperature: under 40 °C

Light parameters:

Wire: high temperature resistant silicone wire is used for high voltage part,

1332 Teflon high temperature wire is used for weak current part

Shell: heat-resisting engineering plastic

Display: LCD display + 5 mechanical buttons

Power interface: PowerCon, one in (blue) and one out (white)

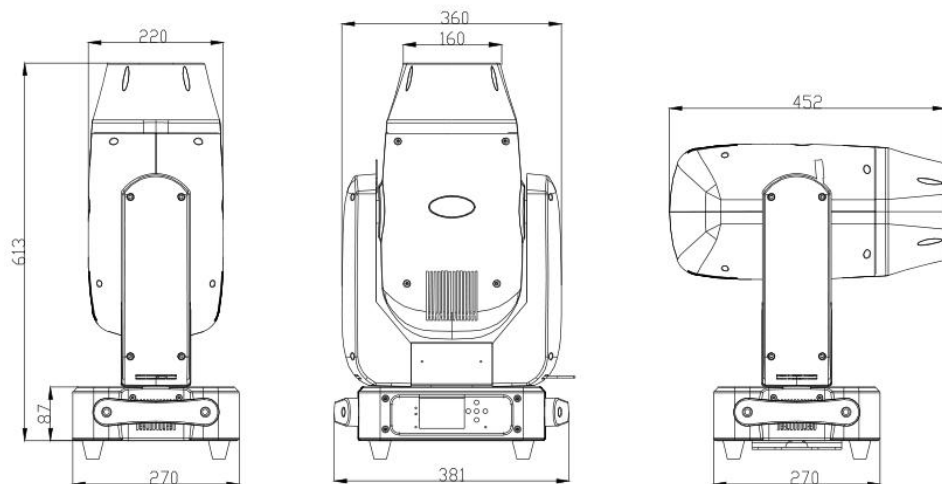
Signal interface: 3 pin(male+female)

Waterproof grade: IP20

Net weight: 22.5KG

Size: 39*27*62cm

SIZE



Menu:

1. Menu Description:

Settings:

options	instructions	
DMX channel	23CH	23CH
RDM function	open	Enable the RDM function
	close	Disable the RDM function
Language	Chinese	Set the interface to Chinese
Screen flip	English	Set the interface to English
	close	Frontal display
	open	Screen inverted display
DMX signal	hold	Continue running in the original state
	Zero clearing	Motor return, stop running

14	Gobo	000-009	White
		010-020	Gobo 1
		021-029	Gobo 2
		030-039	Gobo 3
		040-049	Gobo 4
		050-059	Gobo 5
		060-069	Gobo 6
		070-079	Gobo 7
		080-084	Gobo 1 shaking (from slow to fast)
		085-089	Gobo 2 shaking (from slow to fast)
		090-094	Gobo 3 shaking (from slow to fast)
		095-099	Gobo 4 shaking (from slow to fast)
		100-104	Gobo 5 shaking (from slow to fast)
		105-109	Gobo 6 shaking (from slow to fast)
		110-114	Gobo 7 shaking (from slow to fast)
		115-119	Gobo white shaking (from slow to fast)
		120-124	Gobo 1 shaking (from slow to fast)
		125-129	Gobo 2 shaking (from slow to fast)
		130-134	Gobo 3 shaking (from slow to fast)
		135-139	Gobo 4 shaking (from slow to fast)
		140-144	Gobo 5 shaking (from slow to fast)
		145-149	Gobo 6 shaking (from slow to fast)
		150-200	Forward flow (from fast to slow)
		201-205	Reverse flow (from slow to fast)
15	Gobo rotate	000-127	Angle adjustment
		128-191	Anti clockwise flow from fast to slow
		192-255	Clockwise flow from slow to fast
16	Prism1	000-128	Prism out
		129-255	Prism in
17	Prism1 rotating	000-127	Adjustment of prism angle
		128-191	Anti-clockwise rotate from fast to slow
		192-255	clockwise rotate from slow to fast

		221-230	Color 7
		231-251	Color 7 plus color 8
		252-255	Color 8
13	Fixed gobo wheel	000-004	White
		005-009	Gobo 1
		010-015	Gobo 2
		016-020	Gobo 3
		021-025	Gobo 4
		026-030	Gobo 5
		031-035	Gobo 6
		036-040	Gobo 7
		041-045	Gobo 8
		046-050	Gobo 9
		051-055	Gobo 10
		056-059	Gobo 11
		060-069	Gobo 1 (from slow to fast)
		070-074	Gobo 2 shaking(from slow to fast)
		075-079	Gobo 3 shaking(from slow to fast)
		080-084	Gobo 4 shaking(from slow to fast)
		085-089	Gobo 5 shaking(from slow to fast)
		090-094	Gobo 6 shaking(from slow to fast)
		095-099	Gobo 7 shaking(from slow to fast)
		100-104	Gobo 8 shaking(from slow to fast)
		105-109	Gobo 9 shaking(from slow to fast)
		110-114	Gobo 10 shaking(from slow to fast)
		115-119	Gobo 11 shaking(from slow to fast)
		120-190	Forward flow (from fast to slow)
		191-255	Reverse flow (from slow to fast)

screensaver	open	
	close	
X reversal	close	
	open	
Y reversal	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
The color wheel changes linearly	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

Information:

options	instructions
System version	Display software version
Temperature information	Display temperature
System time	The system usage time is displayed. Permission duration: 9999 indicates that the system is not encrypted and can be used for a long time. Other values represent the remaining time of use, encrypted;

Sensor monitoring	Monitor the status of each sensor
System error	If the red ERR indicator is bright, it indicates that the lamp is running incorrectly. You can go to the subinterface to view the details. After viewing the error record, you can press the "Clear" key to clear the error record
DMX monitoring	DMX channel status monitoring

Common error messages	instructions
MT board connection failed.	Motor board is not responding. The connection of display board and motor board is faulty, or the motor board is faulty.
The X reset failed	X photoelectric switch, or X motor or motor board failed
The Y reset failed	Y photoelectric switch, or Y motor or motor board failed
X Hall error	X Hall, or motor PCB failed
Y Hall error	Y Hall, or motor PCB failed
Reset of color wheel failed	Hall of color wheel, or motor of color wheel failed
Reset of gobo wheel failed	Hall of gobo wheel, or motor of gobo wheel failed
Focus reset failed	There is a problem with the focusing hall or the focusing motor
Bulb control failure	Bulb on/off failed, bubble. Ignitor or bulb is faulty

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	The dimmer	000-255	From dark to bright
7	stroboscopic	000-003 004-050 051-127 128-251 252-255	white color Pulse shutter: from slow to fast Standard shutter: from slow to fast 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 wheel	000-005 006-028 029-038 039-058 059-069 070-092 093-102 103-123 124-134 135-155 156-165 166-187 188-198 199-220	White color White + color 1 Color 1 Color 1 plus color 2 Color 2 Color 2 plus color 3 The color of 3 Color 3 plus color 4 Color 4 Color 4 plus color 5 Color 5 Color 5 plus color 6 Color 6 Color 6 plus color 7