



YELLOWRIVER
MAKE YOUR STAGE TO BE MORE EXCELLENT

150W LED Moving Head

Model: YR-S150



User manual

**Please read this instruction
carefully
before using this product**

User manual

1. Notes:

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

Technical specification

LED PARAMETER

LED: LED 150 WHITE

LED life span: 20000H

CCT: 9800K

Controls parameters

Strobe:: 1-20t/s

Control signal: DMX512 protocol, RDM protocol

Control channel: standard mode 16CH/ extended mode 20CH

Operation mode: DMX512/ master-slave/Auto

Cooling system : intelligent temperature fan controls cooling, fan stops under 40 °C, above the 40 °C ,the higher the temperature is, the faster the fan rotates.

Display function:

1.4 -inch LCD color screen, can set the channel mode (standard model, extended mode), horizontal vertical inversion, screen reversible, signal hint, switchable in both Chinese and English, automatic screen turn off / long last for display power on, display the channel number, source temperature, fan speed, record the power on time, power on times, fault prosecution, manual control channel data memory, the software version information, restore factory Settings, the scanning and the effect correction result.

LED opening mode: supports instant blackout and light on

Effect parameters:

Color wheel: 7 colors + white, semi-color effect +bi-direction flow effect.

Fixed gobo: 6 gobos +2 beam holes of different sizes + white,shaking

+ bi-direction flow effect.

Effect gobo: 3 gobos + white, shaking bi-direction flow effect.

Prisms: 6-facet prisms, 4-facet prisms, independent bi-direction rotation.

Beam Angle: 8 degrees.

Scanning: use three-phase motor, Pan 540°/1.8 seconds, tilt 270°/0.9 seconds, 8-16 bit scanning, using photoelectric reset with automatic error correction function.

Working parameters:

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

Power: 230W

Safety parameters:

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

Working temperature: under 40 °C

Light parameters:

Display: touch screen +4 buttons

Power interface: one in one out powercon

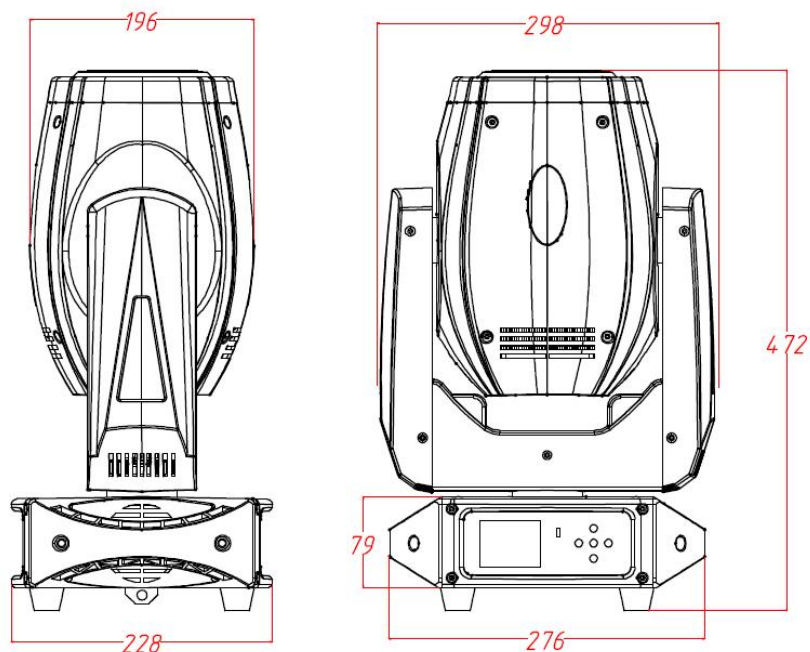
Signal interface: 3 pin +5 pin

Waterproof grade: IP20

Net weight: 13KG

Size:298*228*472mm

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2.DMX512 channels:

Extended mode (20 channels)	standard mode (16 channels)	DMX Value	function
1	1	0–255	Pan
2	2	0–255	Pan Fine
3	3	0–255	Tilt
4	4	0–255	Tilt Fine
5	5	0–255	P/T Speed (fast to slow)
6	6		Strobe
		0-3	Close
		4-103	Strobe from slow to fast
		104-107	Open
		108-207	Pulse strobe from slow to fast
		208-212	Open
		213-225	Random strobe slow
		226-238	Random strobe medium
		239-251	Random strobe fast
		252-255	Open
7	7	0-255	Dimmer off to full
8	*	0-255	Dimmer Fine
9	8		Color
		0-9	White
		10-19	White +color 1
		20-29	Color 1
		30-39	Color 1+ color 2
		40-49	Color 2
		50-59	Color 2 + color 3
		60-69	Color 3
		70-79	Color 3+ color 4
		80-89	Color4
		90-99	Color 4+ color 5
		100-109	Color 5
		110-119	Color 5+ color 6
		120-129	Color 6
		130-139	Color 6+ color 7
140-149	Color 7		
150-199	Color chase from fast to slow		

		200-205	Color chase stop
		206-255	Color chase from slow to fast
10	*	0-255	Color fine
11	9		Animation effect
		0-9	White
		10-39	Pattern 1 linear positioning
		40-69	Pattern 2 linear positioning
		70-99	Pattern 2 linear positioning
		100-119	Pattern 1 shake (slow to fast)
		120-139	Pattern 2 shake (slow to fast)
		140-159	Pattern 3 shake (slow to fast)
		160-169	White
		170-209	Clockwise Wheel Rotation (fast to slow)
		210-215	Rotation stop
		216-255	Counter Clockwise Wheel Rotation(slow to fast)
		12	10
0-9	White		
10-19	Gobo 1		
20-29	Gobo 2		
30-39	Gobo 3		
40-49	Gobo 4		
50-59	Gobo 5		
60-69	Gobo 6		
70-79	Gobo 1 shake (slow to fast)		
80-89	Gobo 2 shake (slow to fast)		
90-99	Gobo 3 shake (slow to fast)		
100-109	Gobo 4 shake (slow to fast)		
110-119	Gobo 5 shake (slow to fast)		
120-129	Gobo 6 shake (slow to fast)		
130-190	Clockwise Wheel Rotation (fast to slow)		
191-194	Rotation stop		
195-255	Counter Clockwise Wheel Rotation(slow to fast)		
13	11		Auto rotation
		0-127	linear
		128-190	Clockwise Rotation from fast to slow

		191-192	Rotation stop
		193-255	Counterclockwise Rotation from slow to fast
14	*	0-255	Glass gobo rotation fine
15	12		Prism 1
		0-127	empty
		128-255	Prism 1 on
16	13		Prism 1 rotation
		0-127	linear
		128-190	Clockwise rotation from fast to slow
		191-192	Rotation stop
		193-255	Counterclockwise rotation from slow to fast
17	14		Prism 2
		0-127	empty
		128-255	Prism 2 on
18	15		Prism 2 rotation
		0-127	linear
		128-190	Counterclockwise flow from fast to slow
		191-192	stop
		193-255	Clockwise flow from slow to fast water
19	16	0-255	focusing
20	*	0-255	Focusing fine
21	17		reset
		0-199	empty
		200-250	Reset
			empty

3.Menu

Main menu	Sub menu	menu
Address settings	1 - 512	
Fixture settings	Channel mode	Standard/Expand
	Running mode	DMX/Master control
	Pan reversion	Off/On
	Tilt reversion	Off/On
manual control	Pan rotation	0 - 255
	Pan rotation fine	0 - 255
	Tilt rotation	0 - 255
	Tilt rotation fine	0 - 255
	⋮	⋮
	reset	0 - 255
Information	Time information	Uptime: xxx H
		Lights: xxx H
		Boot times: xxx
	Sensor detection	Printing information
	Temperature control information	Head temperature: xxx C
	Software version	Display version: Vx.xxx
Pan and tilt version: Vx.xxx		
Motor version: Vx.xxx		
Factory settings	Password input	0 - 255
	H-CORRECT	0 - 255
	V-CORRECT	0 - 255
	The dimming correction	0 - 255
	Color wheel correction	0 - 255

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Fixture reset	Motor reset	Cancel/Execute
	Factory settings	Cancel/Execute
Display settings	Display reversion	Off/On
	Display mode	Always on/60s

4. master-slave mode online explanation

Set one of the machines as the master unit, select the auto operation, set the other machines as the slave unit, set the slave machine as DMX address code 001 state, connect the signal line, at this time, the slave unit are controlled by master unit, and its function is synchronized with the current function of the master units

5. Instructions and remarks

Warning, danger of electric shock



The light source inside this lamp should be replaced by the company or our service agent or a person with similar qualifications.

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 for power supply.
2. This equipment belongs to the first class protective light and the product power cord must be grounded and well grounded when used
3. The cover temperature of this equipment is 40-50 °C at work, do not touch the cover.
4. The internal components of the equipment must be purchased from the manufacturer.
5. When using controller, try to avoid signal interference sources (example: wireless intercom, high-frequency transmitter, etc.)
6. When using this product, a maximum of 20 identical products can

be controlled within 20 meters of the same signal line. If exceeding this range, additional signal amplification equipment is needed to amplify the signal before it can be used.

7. The light source in use must be controlled within the service time indicated by the light source. After the service time is reached, please change the light source in time before use.

6. 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. 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.

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



保修卡

Protection to Fix Card

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1. 本产品从购买日起，正常操作使用并未经拆修，经保修人员确认属产品质量问题，一年内享受保修服务，在任何正常情况下均提供维修。
2. 保修卡应在购买时予填写。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. This product from the acquisition, normal operation and all the parts inside the, the warranty of quality products confirm asked problem, enjoy a year warranty service, in any normal maintenance are available.
2. The warranty card when buy should be to fill in. Without this company product warranty chapter ss invalid. Please bring the product maintenance warranty Card.

顾客姓名 Customer Name	购买日期 Purchasing Date	产品型号 Product Model	购买商 Purchaser
保修记录： Warranty record			

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