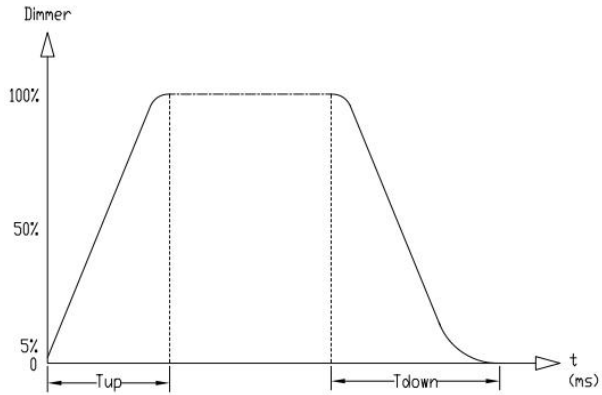


Dimmer Curves:



Ramp Effect	Menu	Tup(ms)	Tdown(ms)
Standard Dimmer Curve	dr-0	0	0
Dimmer Curve 1	dr-1	980	1010
Dimmer Curve 2	dr-2	1210	1320
Dimmer Curve 3	dr-3	1600	1710
Dimmer Curve 4	dr-4	1850	1980

Specification

Voltage: AC110V-240V

Frequency: 50/60Hz

Machine Power: 180W

LED power: 3W

LED QTY: 54pcs (R12 G14 B14 W14)

Strobe: 0~15 Hz

Beam Angle: 20°

Dimmer : 4 kinds of dimmer methods

Fan: 1 pc fan

Noise: Same as Ambient noise away 1.5m

Control Mode: DMX512/Manual

Channel: 11/6CH (switchable)

Net weight:2.3kg

Size:33*29*11 cm(excluding bracket)



YELLOWRIVER
MAKE YOUR STAGE TO BE MORE EXCELLENT

LED PAR LIGHT



Model Name: YR-P0354SC

(54*3W RGBW LED)

User Manual

Please read these instructions carefully before use

Contents

Section 1. Getting Started

- ✧ Unpacking
- ✧ Safety Instruction

Section 2. Set Up

- ✧ Installation
- ✧ Controlling Board
- ✧ Machine Connection

Section 3. troubleshooting

- ✧ Troubleshooting

Section 4. Reference

- ✧ Control Menu
- ✧ DMX Protocol
- ✧ Dimmer Curve
- ✧ Specification

Section 1. Getting Started

- ✧ Unpacking
- ✧ Safety Instruction

CH8	Color Preset	0-5: No function; 16-25: Green 36-45: crystal 56-65: yellow 76-85: light orange 96-105: pink 116-125: lilac 136-145: light blue 156-165: light cyan 176-185: Aqua 196-205: cold white 216-225: pure white 236-245: off-white	6-15: Red 26-35: blue 46-55: yellow green 66-75: tea red 86-95: rose red 106-115: Pink purple 126-135: Powder blue 146-155: sky blue 166-175: turquoise 186-195: light green 206-215: light cold white 226-235: purple white 246-255: warm white
CH9	Auto & Sound	1- 10: no function 11-40: full Colors fade, 41-70: Red, Green, Blue fade; 71-100: Red, Green, Blue fade+ full bright white 101-130: 7 Colors jumping 131-160: Red, Green, Blue Color jumping 161-190, Yellow, Cyan, Purple color jumping 191-220, Sound active Strobe 221-255, Sound active color chasing	
CH10	Auto&Sound Speed	0-255 Auto and sound speed , from slow to fast Work with Channel9	
CH11	Macro function	000-020: Standard Dimmer Curve; 021-040: Dimmer Curve1; 041-060: Dimmer Curve2; 061-080: Dimmer Curve3; 081-100: Dimmer Curve4; 101-255: No Function;	

DMX512 Channel Chart: (6CH)

CH1	Dimmer	0-255 RGBW Dimmer, from dark to bright
CH2	Red dimmer	0-255 Red from dark to bright
CH3	Green dimmer	0-255 Green from dark to bright
CH4	Blue dimmer	0-255 Blue from dark to bright
CH5	White dimmer	0-255 White from dark to bright
CH6	Flash	001-255 flash speed, from slow to fast

8	F---	F000 to F255: flash speed, from slow to fast
9	C---	C000 to C255: full Color fade, from slow to fast
10	J---	J000 to J255: full Color jump, from slow to fast
11	S---	S000 to S255: Sound active, from slow to fast
12	dr--	dr-1: Standard Dimmer Curve; dr-2: Dimmer Curve1; dr-3: Dimmer Curve2; dr-4: Dimmer Curve3; dr-5: Dimmer Curve4;

DMX protocol

DMX512 Channel Chart: (11CH)

CH	Function	Specification
CH1	Dimmer	0-255 RGBW Dimmer, from dark to bright
CH2	Red dimmer	0-255 Red from dark to bright
CH3	Green dimmer	0-255 Green from dark to bright
CH4	Blue dimmer	0-255 Blue from dark to bright
CH5	White dimmer	0-255 White from dark to bright
CH6	Flash	001-255 flash speed, from slow to fast
CH7	Color Mixing	000-001 no function 002-043, red from dark to bright 044-085, red from bright to dark, green from dark to bright; 86-127: green from bright to dark, blue from dark to bright; 128-169: red from dark to bright, blue full bright ; 170-211: red full bright, green from dark to bright, blue full bright; 212-254: red, green, blue full bright, white from dark to bright 255: red, green, blue, white full bright

Unpacking

1pc Fixture

1pc User Manual

Thanks for choosing our product. Carefully unpack the box and check the contents to ensure that all parts are present and in good conditions. If anything damaged in transit, notify the shipper immediately and keep the packing material for inspection. Again, please save the carton and all packing materials. If a fixture must be returned to manufacturer, it is important that the fixture be returned in the original manufacturer box and packing

Safety Instruction



For your safe, please read this user manual carefully before turn on the fixture. This machine should be operated by qualified engineer!

- Please conserve this manual as operation guidance. If you sell this product to other user, please make sure that they also receive this user manual.
- Always make sure that you are connecting to the proper voltage and that the line voltage you are connecting to is not higher than that stated on the decal or rear panel of the fixture.
- If the fixture is intended to indoor use only. To prevent risk of fire or shock, do not expose fixture to rain or moisture. Make sure there are no flammable, explosive or corrosive materials surrounded in 10meters while operating.
- The unit must be installed in a location with adequate ventilation, at least 5m away from adjacent surfaces. Be sure that no ventilation slots are blocked.
- Some fixture may carry high heat, do not aim at objective more than 2minutes. Safe rope should be used to install machine. Bearing of safe rope should be more than 3times of the machine weight. Complimentary signal cable transmits signals to 20 unit fixtures at most. Signal amplifier is a must to connect more fixtures. And a terminal should be added at the end of last fixtures' DMX sockets, 120 Ohm, 1/4W resistance need welding between Pin 2 and Pin3..

- Always disconnect from the power source before servicing or replacing fuse/lamp and be sure to replace with same fuse/lamp size and type. Cut off power before moving, repairing and cleaning the machine.
 - To avoid electric shock, all fixtures must be connected to circuits with a suitable earth connection.
 - Always secure fixture using a safety chain and carrying handles.
 - Do not operate at ambient temperatures higher than 104°F(40°C).
 - The power cable for this fixture is 1 m m², please mind the safety requirements in actual using, if any wrong operation, our company takes no responsibility for any loss. Also, make sure the power cord is never crimped or damaged.
 - In case of failure or mis-function occurred, stop using immediately. Never try to repair the fixture by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Buy the same spare parts/components from manufacturer directly.
 - Avoid direct eye exposure to the light source while it is on.
 - Do not power on and power off the fixture frequently
 - When use DMX controller, please make sure that there is no interference sources(e.g. intercom, high frequency radio waves and radiation source)
 -
- Caution!** There are no user serviceable parts inside the unit. Do not open the housing or attempt any repairs yourself. In the unlikely event your unit may require service, please contact your local distribution or after-sale service center.

Section 4. Reference

- ◇ Control Menu
- ◇ DMX Protocol
- ◇ Dimmer Curve
- ◇ Specification

Control Menu

No.	Menu	Function																										
1	D11--	DMX 11 channel control(need connecting controller)																										
2	D.6--	DMX6 channel control(need connecting controller)																										
3	r---	r000 to r255: Red from dark to bright																										
4	g---	g000 to g255: Green from dark to bright																										
5	b---	b000 to b255: Blue from dark to bright																										
6	b---	n000 to n255: White from dark to bright																										
7	pr--	pr01~pr25: 25 pre-set colors: <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Pr01: Red</td> <td style="width: 50%;">Pr01: Red</td> </tr> <tr> <td>Pr02: Green</td> <td>2Pr03: blue</td> </tr> <tr> <td>Pr04: crystal</td> <td>Pr05: yellow green</td> </tr> <tr> <td>Pr06: yellow</td> <td>Pr07: tea red</td> </tr> <tr> <td>Pr08: light orange</td> <td>Pr09: rose red</td> </tr> <tr> <td>Pr10: pink</td> <td>Pr11: Pink purple</td> </tr> <tr> <td>Pr12: lilac</td> <td>Pr13: Powder blue</td> </tr> <tr> <td>Pr14: light blue</td> <td>Pr15: sky blue</td> </tr> <tr> <td>Pr16: light cyan</td> <td>Pr17: turquoise</td> </tr> <tr> <td>Pr18 : Aqua</td> <td>Pr19 : light green</td> </tr> <tr> <td>Pr20 : cold white</td> <td>Pr21 : light cold white</td> </tr> <tr> <td>Pr22 : pure white</td> <td>Pr23 : purple white</td> </tr> <tr> <td>Pr24: off-white</td> <td>Pr25: warm white</td> </tr> </table>	Pr01: Red	Pr01: Red	Pr02: Green	2Pr03: blue	Pr04: crystal	Pr05: yellow green	Pr06: yellow	Pr07: tea red	Pr08: light orange	Pr09: rose red	Pr10: pink	Pr11: Pink purple	Pr12: lilac	Pr13: Powder blue	Pr14: light blue	Pr15: sky blue	Pr16: light cyan	Pr17: turquoise	Pr18 : Aqua	Pr19 : light green	Pr20 : cold white	Pr21 : light cold white	Pr22 : pure white	Pr23 : purple white	Pr24: off-white	Pr25: warm white
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Section 3. Troubleshooting

Problem	Probable Cause(s)	Remedy
No response from fixture when power is applied	No power to fixture	Check power cables
	Primary fuse blown	Replace fuse
	Secondary fuse blown	Replace fuse
Fixture resets but does not respond correctly to controller(DMX mode operation)	Controller not connected	Connect controller
	Incorrect addressing of the fixtures	Check address setting on fixture and controller
	Bad data link connection	Inspect cables and correct poor connections and/or broken cables.
	Conflict between tracking and vector control	Eliminate scene cross-fade on controller
	Data link not terminated	Insert termination plug in output of last fixture
	Defective fixture or 2 devices transmitting on link	Bypass fixtures one at a time until normal operation is regained: unplug both connectors and connect them directly together
Colors cannot be mixed	Random color mixing is on	Turn off random color mixing
Fixture does not reset correctly	Electronic or mechanical failure	Contact service technician
No light, lamp cuts out intermittently, or burns out too quickly	Lamp missing or blown	Disconnect fixture and replace lamp
	Fixture or lamp is too hot	Allow fixture to cool. If problem persists, contact service technician

Section 2. Set Up

- ✧ Installation
- ✧ Controlling Board
- ✧ Machine connection

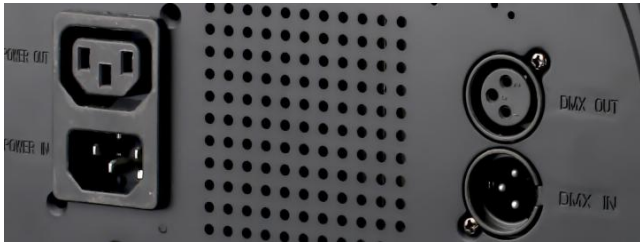
Installation

- This machine should be mounted through the screw holes of truss. Safety rope is a must to fix fixture well. Make sure truss and safety rope have strong load capacity to bear more than 3 times of machine weight .
- This machine should be installed by qualified technician.

Controlling Board



Front display panel



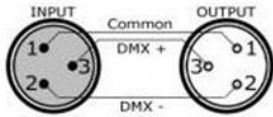
1. LED Display Panel
2. Button

Menu	Switch menu function
UP	Scroll upwards
DOWN	Scroll downwards
ENTER	Confirm by pressing ENTER

3. DMX Signal Input
3 PIN XRL port for DMX512 signal input (daisy chain);
4. DMX signal output
3 PIN XRL Port for DMX512 signal output (daisy chain);
5. Power Input
AC power cable port input
6. Power output
AC power cable port output

Cable Connectors

Cables must have a male XLR connector on one end and a female XLR connector on the other end.



A word on termination: DMX is a resilient communication protocol, however errors still occasionally occur. Termination reduces signal errors, and therefore best practices include use of a terminator in all circumstances. If you are experiencing problems with erratic fixture behavior, especially over long signal cable runs, a terminator may help improve performance.



To build your own DMX Terminator: Obtain a 120-ohm, 1/4-watt resistor, and wire it between pins 2&3 of the last fixture. They are also readily available from specialty retailers.

Master and slave: select one machine as master, press the menu to choose the function you want. Press other machines' address to be DMX state. Use signal cable to connect machines one by one. Then slave machines will run the same as master machine.

Use controller to control lot of machines: if all machines are set the same menu data, or different manual data, after use signal cable to connect to controller, all machines will be controlled by controller. (before connect to controller, all machines should be in the same channel mode 11ch or 6ch).