YELLOWRIVER
HUANGHE
MAKE YOUR STAGE TO BE MORE EXCELLENT

OUTDOOR LED PAR LIGHT

Model: YR-IP1024Q

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DMX protocol

DMX512 Channel Chart：（8CH）

Chan nel	Function	Description
CH1	Dimmer	R、G、B、W dimmer，linear dimmer from dark to bright
CH2	Strobe	R、G、B、W Strobe from slow to fast
CH3	Function	0—50: Control DMX channel ； 51——100: jump change ； 101—150： fade change ； 151—200：pulse change；201—255：sound active
CH4	Speed	Speed from slow to fast

CH5	R Dimmer	Red linear dimmer from dark to bright
CH6	G Dimmer	Green linear dimmer from dark to bright
CH7	B Dimmer	Blue linear dimmer form dark to bright
CH8	W Dimmer	White linear dimmer from dark to bright

Specification

Voltage：AC110V-240V

Frequency：50/60Hz

Machine Power：240W

LED power：10W X24PCS（RGBW 4IN1）

Beam Angle：25°

Control Mode：DMX512/Auto/Manual/Sound Active

Channel：8CH

Outdoor: IP65

4	DE00	Seven color Combination of change　（01—99), press button B, C for change the speed
5	BEBE	Seven color sound change
6	R255	Red color （000—255), press B, C for change the color
7	G255	Green color （000—255), press B, C for change the color
8	B255	Blue color （000—255), press B, C for change the color
9	W255	White color （000—255),press B, C for change the color

Unpacking

1pc Fixture

1/6pc AC Power Cable with Plug

1/6pc Signal Convertor Cable

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.

Section 1.Getting Started

✧ Unpacking

✧ Safety Instruction

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.

- 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℉(40℃).

- 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.

- Make sure the power cable is never crimped or damaged.

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 4. Reference

✧ Control Menu

✧ DMX Protocol

✧ Specification

Control Menu

No.:	Display	Function
1	D001	CH8 address code(001-512), press button B,C to change for change the code number.
2	CC00	Seven color Jump(01—99), press button B, C for change the speed
3	CP00	Seven color pulse change, shade （01—99), press button B, C for change the speed

ATTENTION:

Maximum 8 PCS fixtures connected by Daisy chain connection.

Section 3. Troubleshooting

Problem	Probable Cause(s)	Remedy
No response from fixture when power is applies	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

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.

- 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)

- There are no user serviceable parts inside the unit. Do not open the housing or attempt any repairs yourself. In case of your unit may require service, please contact Yellow River by mail: ylf@yrlighting.com

- Any damage that cased by violating this manual is out of warranty, our company will not take the responsibility.

Section 2. Set Up

✦ Installation

✦ Controlling Board

✦ Machine connection

Installation

- This machine should be mounted through the screw holes of truss. Safety

Controlling Board

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 cable with IP 65 male connector for DMX512 signal input;

4. DMX signal output

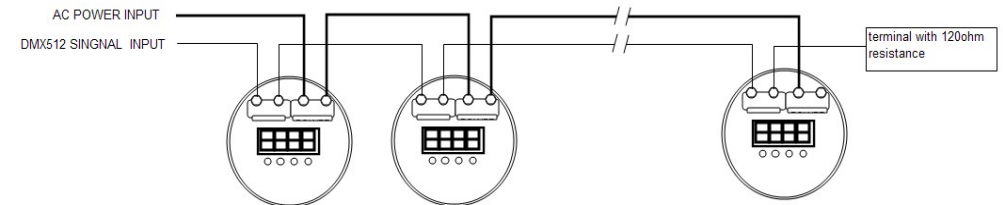 3 PIN XRL cable with IP 65 female connector for DMX512 signal output;

5. Power Input

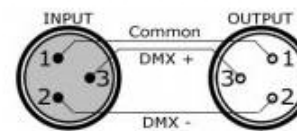AC power cable with male connector for power input;

6. Power Output

 AC power cable with female connector for power output;

Machine Connection

Cable Connectors

Cables must have a male XLR connector on one end and a female XLR connector on the other end. (Duh!)

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 8CH).