



GUANGDONG YA GE LAI LIGHTING & AUDIO LIMITED

54PCS 4IN1 CIRCLE CONTROL PAR LIGHT

(Item: YR-N54Q)



Instruction

(Please read the manual carefully before using the product.)

User Manual



YELLOWRIVER
We bring excellence to your stage

Certificate

Product Name: _____

Product Model: _____

Inspector: _____


Inspection Date: _____

Execution Standard: GB7000-217-2008

This product has been inspected and qualified for shipment.



Guangdong Yellow River Lighting Technology Limited
National Service Hotline: 400-618-4388



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Product Warranty Card

Dear Customer:
Thank you very much for purchasing our product. In the future use, you will enjoy the one-year after-sales service warranty provided by us.

Warranty Terms:
This product, from the date of purchase, under normal operation and without repair, if confirmed by the warranty personnel to be a product quality issue, will enjoy the warranty service within one year, and maintenance will be provided under any normal circumstances.
The warranty card should be filled out at the time of purchase, and the warranty card is invalid without the warranty seal of our company. Please bring the warranty card when the product is maintained.

Customer Information

Customer Name: _____ Buyer: _____

Date of Purchase: _____ Product Model: _____

Warranty Record

Repair Date	Fault and Solution	Repair Date	Repair Technician

Guangdong Yellow River Lighting Technology Limited
After-sales Service Address: C 10# Building, No.41 Danang Avenue,
Wangang Zhongchuan street, Zhanjiang High-tech Zone, Zhanjiang City, Guangdong, China.

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.

1. Technical specification:

- **Light Source:** 54x4W(4in1 : RGBW)
- **Beam angle:** 25°
- **Control parameters**
 - Strobe: 0-20Hz
 - Dimmer: linear 0-100% standard dimmer
 - Control: DMX512, RDM
 - Channel: 21/13/9/6 CH
 - Built-in programming: 3 strobe+8 static mixed color +13 auto + circle control
 - Control mode: DMX512, manual, master-slave, voice control
 - Noise: Intelligent temperature, active heat dissipation, silent below 40 degrees, fan speeds can be automatically adjusted according to temperature above 40 degrees. maximum noise is 43.0dBA from 1 meter away (close to ambient noise),you can choose to turn off fan and use silent mode without any noise , but power will reduce according to temperature to keep led lamp safe when temperature above 80 degree.
 - Over temperature protection: half power protection when temperature over 80 degrees
 - Real-time monitoring: Light source temperature, signal display.

- Working parameters:

Voltage: AC100V~240V (50/60Hz)

Rated power: 220W

Maximum Ambient Temperature: 40°

- Light parameters:

Case : a full set of aluminum alloy (high temperature resistance), fine sand paint (high-end wear-resistant)

Display: touch screen +4 buttons, supports 30s instant blackout and light on

Power interface: one in(Blue) one out(White) powercon

Signal interface: 3 pin(5 pin for optional) ,one in one out

Waterproof grade: IP20

Net Weight:2.9KG

5.Master-Slave Control Model:

Master and slave: Set up one fixture as Master fixture(triggering), other fixtures as slave fixtures(the DMX menu, and the address code must be 001) , Slave fixtures under DMX add. Connect the signal cable, the slave fixtures will run and keep function synchronism as master fixtures.

Console to fixtures: Set up all fixtures same or different address value or follow DMX console performance. Connecting to console using signal cable, fixture is controlled by console.

6. Instructions and remarks :

- 1, 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.
- 2, When using this equipment, the power cord must be well grounded and taken care of by professionals.
- 3, Do not touch its surface when operating

4. The internal components of this equipment must be purchased from the manufacturer.
5. When using console, try to avoid neighboring interference sources. (Example: wireless walkie-talkie, high-frequency emission source, etc.)
6. When using device, only 20 sets of the same product can be controlled within 20 meters of the same signal line . If it exceeds this range, a signal amplification device must be used to amplify the signal before it can be used, and the DMX output port on the last lamp Install a terminal product and solder a 120 ohm 1/4W resistor between Pin2 and Pin3 .
7. The input power cord of this equipment is equipped with a specification of 1 square meter. When the outer skin of the power cord is exposed and damaged, a new power cord of the same specification must be replaced.
8. When the light source reaches its end of life, the entire lamp should be replaced.
9. The continuous use time of the equipment cannot exceed 8 hours each time .
10. The power cord of the same input terminal can connect up to 4 lamps.
11. The lens and light source of this equipment must be used together. When any accessory is damaged, it must be replaced by a relevant professional before it can be used.

7.Installation requirements:

1. In the environment where this product is used, there should be no corrosive steam and gas, and no flammable and explosive materials.
2. Keep the distance between the light outlet of the lamp and the illuminated object at least 1 meter, and keep it away from moisture and corrosive gases.
3. When the product is suspended and installed, the load of the hanging parts should be more than 3 times the weight of the product , and an auxiliary suspension safety rope should be made on the product, and the load of the safety rope should be more than 3 times the weight of the product .

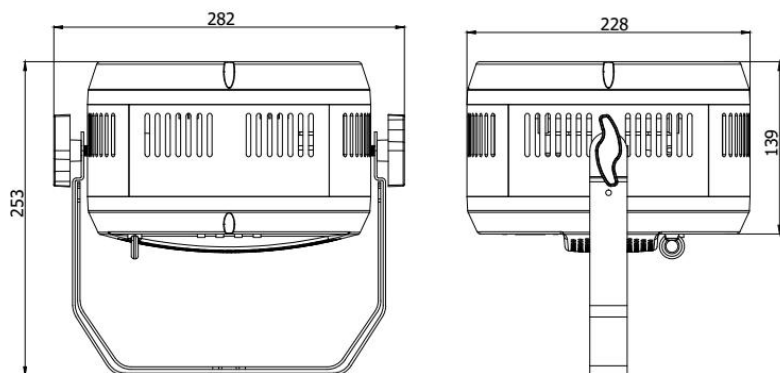
The company reserves the right to modify this product manual without notice.

Channel 11	Background Light Green	Background Light Green linear dimming , from Dark to Bright.
Channel 12	Background Light Blue	Background Light Blue linear dimming , from Dark to Bright.
Channel 13	Background Light White	Background Light White linear dimming , from Dark to Bright.

S/N	Function	Description
Channel 1	Total dimming	0-255 : Total dimming linear dimming , from Dark to Bright.
Channel 2	Red	0-255 : Red linear dimming, from Dark to Bright.
Channel 3	Green	0-255 : Green linear dimming, from Dark to Bright.
Channel 4	Blue	0-255 : Blue linear dimming, from Dark to Bright.
Channel 5	White	0-255 : White linear dimming, from Dark to Bright.
Channel 6	Strobe	0: invalid; 1-84: lighting stroboscopic; 85-169: random stroboscopic; 170-255: standard stroboscopic.
Channel 7	Color preset	0:Invalid; 1-30 Red; 31-61 Green; 62-92 Blue; 93-123 White; 124-154 Red+Green; 155-185 Red+Blue; 186-216 Green + Blue; 217-255 red +green +blue+white
Channel 8	Static mixing color + Auto	0-20:invalid;21-29 Red; 30-39 Green; 40-49 Blue; 50-59 White; 60-69 Red+Green; 70-79 Red+Blue; 80-89 Green + Blue; 90-99 full bright; 100-109 Effect1;110-119 Effect2; 120-129 Effect3;130-139 Effect4; 140-149 Effect 5;150-159 Effect 6;160-169 Effect7; 170-179 effect 8; 180-189 effect 9;190-199 Effect 10; 200-209 jump; 210-219 gradient; 220-229 strobe; 230-255 comprehensive effect.
Channel 9	Speed of Auto	0-255 : Auto speed adjustment, from fast to slow.

Channel	Function	Description
Channel 1	Total dimming	0-255 : Total dimming linear dimming , from Dark to Bright.
Channel 2	Red	0-255 : Red linear dimming, from Dark to Bright.
Channel 3	Green	0-255 : Green linear dimming, from Dark to Bright.
Channel 4	Blue	0-255 : Blue linear dimming, from Dark to Bright.
Channel 5	White	0-255 : White linear dimming, from Dark to Bright.
Channel 6	Strobe	0: invalid; 1-84: lighting stroboscopic; 85-169: random stroboscopic; 170-255: standard stroboscopic.

Size:



2. Operation Instruction:



MENU UP DOWN ENTER

Press the MENU key to cycle through 12 different menus. Press the ENTER key to enter the corresponding menu, press UP (plus key) or DOWN (minus key) to modify the current value. Press the ENTER key to save the current value.

3.Menu function reference table :

S/N	Menu	Function (ENTER)
1	d----	DMX512 address code setting: 001-512 , when there is a signal connection, the lower right corner indicator lights up
2	r----	Red brightness adjustment: 0-255
3	G----	Green brightness adjustment: 0-255
4	b----	Blue brightness adjustment: 0-255
5	n----	White brightness adjustment: 0-255
6	F----	Stroboscopic/speed adjustment: 0 invalid; 1-84 lighting stroboscopic; 85-169 random stroboscopic; 170-255 standard stroboscopic.
7	Pr---	PR01 Red; PR02 Green; PR03 Blue; PR04 White; PR05 Red + Green; PR06 Red + Blue; PR07 Green + Blue; PR08 Red + Green + Blue + White; PR09 Effect1; PR10 Effect2; PR11 Effect3; PR12 Effect4; PR13 Effect5; PR14 Effect6; PR15 Effect7; PR16 Effect8; PR17 Effect9; PR18 Effect10; PR19 hopping; PR20 gradient; PR21 strobe; PR21 combined effect.
8	SP---	Built-in program speed setting: SP01-16
9	AU---	Auto/Audi : auto/ voice control

10	FAN—	FAN0: only if 40 degree ,fan working; FAN1: silent mode,fan not working but power will reduce according to temperature to keep led lamp safe when temperature above 80 degree.; FAN2:fan always working.
11	dp— —	dp0/1: 30s instant blackout and light on
12	CH— —	CH21/CH13/CH9/CH6: Channel selection

4.DMX512 channel description:

21 Channels	Function	Description
Channel 1	Total dimming	0-255 : Total dimming linear dimming , from Dark to Bright.
Channel 2	Inner circle Red	0-255 : Red linear dimming, from Dark to Bright.
Channel 3	Inner circle Green	0-255 : Green linear dimming, from Dark to Bright.
Channel 4	Inner circle Blue	0-255 : Blue linear dimming, from Dark to Bright.
Channel 5	Inner circle White	0-255 : White linear dimming, from Dark to Bright.
Channel 6	Second circle Red	0-255 : Red linear dimming, from Dark to Bright.
Channel 7	Second circle Green	0-255 : Green linear dimming, from Dark to Bright.
Channel 8	Second circle Blue	0-255 : Blue linear dimming, from Dark to Bright.
Channel 9	Second circle White	0-255 : White linear dimming, from Dark to Bright.
Channel 10	Third circle Red	0-255 : Red linear dimming, from Dark to Bright.
Channel 11	Third circle Green	0-255 : Green linear dimming, from

		Dark to Bright.
Channel 12	Third circle Blue	0-255 : Blue linear dimming, from Dark to Bright.
Channel 13	Third circle White	0-255 : White linear dimming, from Dark to Bright.
Channel 14	Outer circle Red	0-255 : Red linear dimming, from Dark to Bright.
Channel 15	Outer circle Green	0-255 : Green linear dimming, from Dark to Bright.
Channel 16	Outer circle Blue	0-255 : Blue linear dimming, from Dark to Bright.
Channel 17	Outer circle White	0-255 : White linear dimming, from Dark to Bright.
Channel 18	Strobe	0: invalid; 1-84: lighting stroboscopic; 85-169: random stroboscopic; 170-255: standard stroboscopic.
Channel 19	Color preset	0:Invalid; 1-30 Red; 31-61 Green; 62-92 Blue; 93-123 White; 124-154 Red and Green; 155-185 Red and Blue; 186-216 Green + Blue; 217-255 Red + Green + Blue + White.
Channel 20	Static mixing color + Auto	0-20:invalid; 21-29 Red; 30-39 Green; 40-49 Blue; 50-59 White; 60-69 Red + Green; 70-79 Red + Blue; 80-89 Green + Blue; 90-99 Red + Green + Blue + White. 100-109 effect1; 110-119 effect2; 120-129 effect3; 130-139 effect4;140-149 effect5; 150-159 effect6; 160-169 effect7; 170-179effect8; 180-189 effect9 ; 190-199 effect10; 200-209 jump; 210-219 gradient; 220-229 stroboscopic; 230-255 comprehensive effect.

Channel 21	Auto speed	0-255 : Auto speed adjustment, from fast to slow.
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13 channels	Function	Description
Channel 1	Total dimming	0-255 : Total dimming linear dimming , from Dark to Bright.
Channel 2	Red	0-255 : Red linear dimming, from Dark to Bright.
Channel 3	Green	0-255 : Green linear dimming, from Dark to Bright.
Channel 4	Blue	0-255 : Blue linear dimming, from Dark to Bright.
Channel 5	White	0-255 : White linear dimming, from Dark to Bright.
Channel 6	Strobe	0: invalid; 1-84: lighting stroboscopic; 85-169: random stroboscopic; 170-255: standard stroboscopic.
Channel 7	Color preset	0:Invalid; 1-30 Red; 31-61 Green; 62-92 Blue; 93-123 White ; 124-154 Red + Green; 155-185 Red + Blue; 186-216 Green + Blue; 217-255 Red + Green + Blue + White.
Channel 8	Static mixing color + Auto	0-20:invalid; 21-29 Red; 30-39 Green; 40-49 Blue; 50-59 White; 60-69 Red + Green; 70-79 Red + Blue; 80-89 Green + Blue; 90-99 Red + Green + Blue + White. 100-109 effect 1; 110-119 effect2; 120-129 effect3; 130-139 effect4; 140-149 effect5; 150-159 effect6; 160-169 effect7; 170-179 effect8; 180-189 effect9; 190-199 effect10; 200-209 jump; 210-219 gradient; 220-229 stroboscopic; 230-255 comprehensive effect.
Channel 9	Auto speed	0-255 : Auto speed adjustment, from fast to slow.
Channel 10	Back light Red	The backlight Red linear dimming from the Dark to Bright.