

- **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

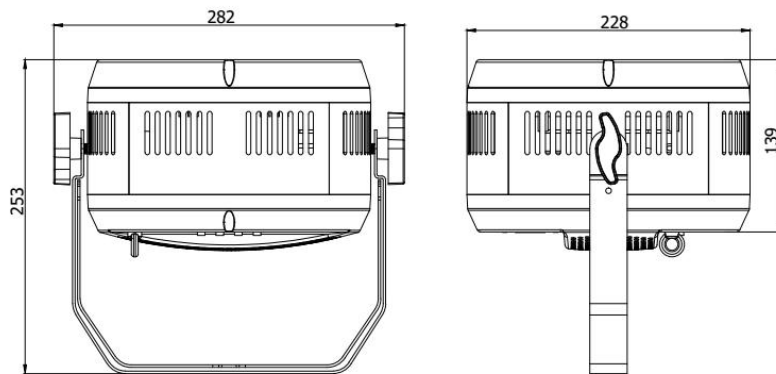
Net Weight:2.9KG



GUANGDONG YA GE LAI LIGHTING & AUDIO LIMITED

19PCS 4IN1 CIRCLE CONTROL PAR LIGHT

(Item: YR-N19Q)



Instruction

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

User Manual

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:** 19x10W(4in1 : RGB+Warm White)
- **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 begin to work when 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.

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.

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 full light
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.

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.
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.

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	Outer one group Red circle	0-255 : Red linear dimming, from Dark to Bright.
Channel 11	Outer one group Green circle	0-255 : Green linear dimming, from Dark to Bright.
Channel 12	Outer one group Blue circle	0-255 : Blue linear dimming, from Dark to Bright.
Channel 13	Outer one group	0-255 : White linear dimming, from Dark

	White circle	to Bright.
Channel 14	Outer second groups Red circle	0-255 : Red linear dimming, from Dark to Bright.
Channel 15	Outer second groups Green circle	0-255 : Green linear dimming, from Dark to Bright.
Channel 16	Outer second groups Blue circle	0-255 : Blue linear dimming, from Dark to Bright.
Channel 17	Outer second groups White circle	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.