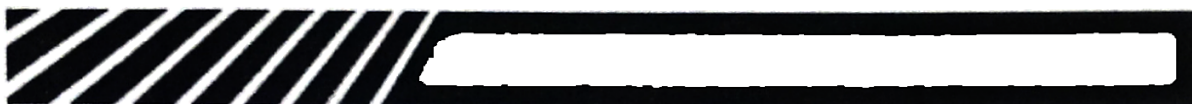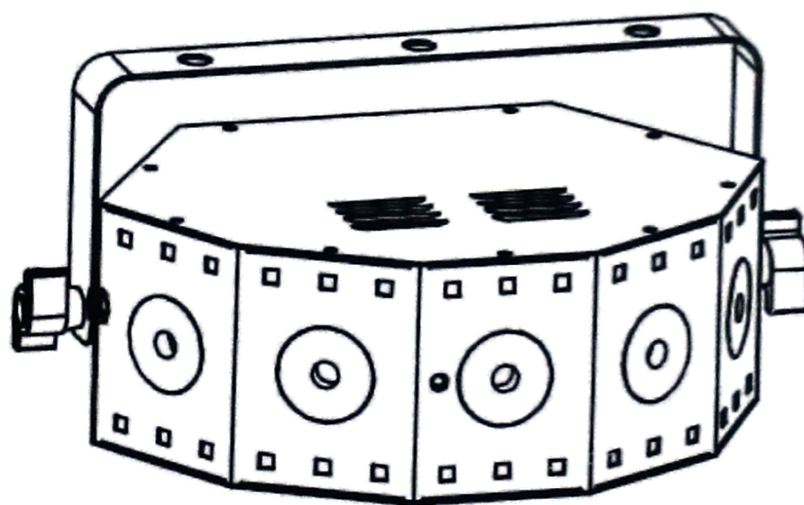# V5 RGBW QUAD COLOR

(5*8W RGBW 4in1 + 30*0.2W SMD-RGB)

User manual

Please read this user manual before use this product

I.Opening Check

No	Item	Quantity	Unit
1	V5	1	piece
2	Handle	1	piece
3	Plastic gasket	2	piece
4	Power cable	1	piece
5	IR Remote	1	piece
6	User manual	1	piece
7	Clamp cable（Model optional）	Optional	
8	Safety cable		
9	DMX signal lines		

★ For the sake of safety and under the terms, it does not allow unauthorized restructuring or modification of this product. Please note that improper use and human damage caused by this product, it can not be covered by our warranty. Also, unprofessional operations will cause short circuits, burns or shocks, and more either.

★The machine has been rigorously tested before shipment. Please comply with the instructions of the operation requirements, to ensure the product can be running safely under normal circumstances.

★Any damage caused by improper operation will result in the termination of the warranty claim. We are not accept any property lost and responsibility of human being improper use and unprofessional operation.

★Please place user manual in a safe place for reference.

After selling,renting or carrying, you can give it to new owner.

★Attention： Base on our products keep improving by our company， our user manual data is subject to change without notice. We will remain rights of changing product specification.

II.Safety Instruction

CAUTION!

Keep this equipment away from rain, moisture and liquids.
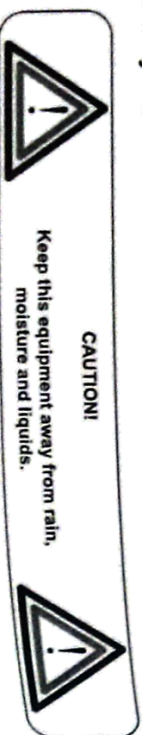
1. When opening the packing, take all accessories out, and remove the light to a horizontal table for good operation. First check whether the accessories are complete, then check carefully whether the whole light has no damage. If there is any damage, please contact us as soon as possible.

2. AC Power: Check whether the local power supply is accordance with the requirements of the product rated voltage.

3. The product is only suitable for indoor working environment. The light should keep dry, keep away from wet, overheat or dusty environment. Don't come into contact with water and other liquids to prevent or reduce the risk of electric shock or fire.

4. Please do not install the light directly on the surface of the combustible substance.

5. The people who install, operate and maintain of light professional certificate required.

6. When there are faults of the light, please stop using the light immediately. Don't try to repair, please contact the nearest authorized technical assistance center, if the parts damage, always use the same type of parts replaced.

7. Don't touch any electrical wiring in the process of operation to prevent the risk of electric shock.

8. To make sure the light working environment temperature, the highest do not exceed 40 ℃, the lowest do not exceed - 20 ℃.

9. Under the stable cooling working situation, the highest temperature of the housing of the light can reach 80 ℃, please do not touch.

10. The light is design according to the type of electric shock protection. The light should be use in good connection grounding power system and the ground wire must connect with the ground wire of the power supply system. The earth sign port of the light should be connected to the installing fixtures.

11. Do not use the damage of the insulating layer wire and also do not use the power cord overlap on the other wire. When not in use or clean the light, please disconnect the power, don't pull the plug in hard or just drag the wires.

12. There are no components inside for maintenance. Before start operation the light, please check whether all of the shell is installed. In the case of the shell open used the light is prohibited.

Note: Under any installation, maintenance and clean the light, please confirm that has cut off the power cord!

III.Product specification

1.Built-in Master/slave,DMX,Sound active with various color and show mode.

2.LED display, easy to control.

3.Great for disco, night club, bar, party, moving DJ and concert and so on.

4.DMX chancel: 12CH/55CH

5.Voltage: AC100-240V 50/60Hz

6.Fuse: F3AL250V

7.Power consumption: P=52W

8.Light source: 5*8W RGBW 4in1 + 30*0.2W SMD-RGB
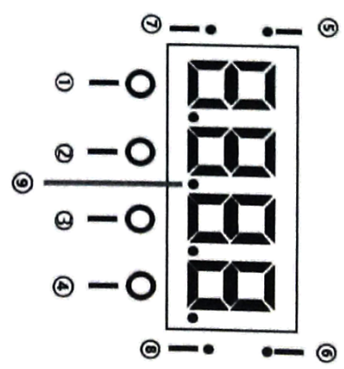
9.Net weight: 2.5Kg

10.Light size: 334.3*214.1*152.5mm

334.3

152.5

214.1

192.9
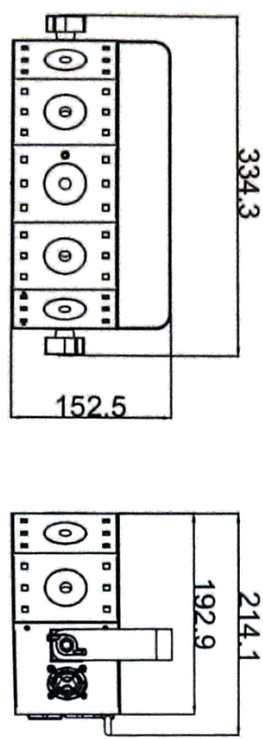
11.Lumin

LED	Color	@1M	Angle
Four color shine	R	730Lux	30°
	G	1020Lux	
	B	950Lux	
	W	1100Lux	
	RGBW	3500Lux	

IV. LED Display

DISPLAY

SQ	Silkscreen	Function
①	MENU	Enter/check menu
②	DOWN	Check the next menu
③	UP	Check the last menu
④	ENTER	Enter the menu or confirm

Button:

LED:		
⑤	DMX	Strobe	DMX in
⑥	SLAVE	Strobe	Slave mode
⑦	MASTER	Strobe	Master mode
⑧	SOUND	Strobe	Sound mode
⑨		Strobe	Enter the menu or confirm

V.LED display function:

Choose a function, press **MENU** button, choose the menu. Press **ENTER** button enter the chosen function, LED display strobe, then press **UP/DOWN** button to choose the function, press **ENTER** button to confirm. Or wait for 10 seconds or press the **MENU** long time, then could enter the main mode.

Main Function as follows:

Menu	Value		Description
Addr	AD01 → A512		DMX address choosing
ChAn	12Ch / 55Ch		12/55CH
mASt	mASE / SLAU		Master/slave
Sh.nd	Sh.1 → Sh.5		Show mode 1-5
Col.nd	Col.1 → Col.9		Color 1-9
Soun	on		Sound control on
	oFF		Sound control off
SEnS	001 → 100		Sound sensitivity adjust
LEd	on		LED display on
	oFF		LED dispaly off
dISP	dSP.IP		Display/Inversion dispaly
tESt	tESt		Test
hour	8 → 9999		Hours
uEr	u.10		Program version

DMX cable, the slave LED will light up.

2.1 IR Remote

(When using the IR Remote)The remote-control receiving probe and IR remote must be kept clear of obstacles.It can receive a signal from strong range of 10 meters.

Pictures	Button	Function	
	ON/OFF	Turn on/off	
	SOUND	Sound control	Only can use in show mode
	STROBE	Strobe mode	Only can use in SMD light color 1-9
	SHOW1	Show mode 1	
	SHOW2	Show mode 2	
	SHOW3	Show mode 3	
	SHOW4	Show mode 4	
	SHOW5	Show mode 5	
	SPEED+	Speed up	Only can use in show mode1-5
	SPEED -	Speed down	
	DIMMER+	Dimmer up	Only can use in SMD light color 1-9
	DIMMER -	Dimmer down	
	1-9	SMD light color	

3.1 DMX controller

VII. DMX controller

If control by DMX controller, then you need to set the address code to control the light, the address code value is 1-512, the light could receive the signal accordingly

VI. How to operate

You can use 2 methods to control the machine:

1. Built in Master/slave mode
2. IR Remote
3. DMX controller

1.1Bulid in Master/slave

Connected all lights, first method, it can automatically identify Master and slave light, then can auto running master/slave mode:

Second method, the first light control the other light to auto run or sound active performance functions and so on. It's very good for the instant show mode. Must set the first light to be master light, mASE same time choose Sh.1 (show 1) or ...or Sh.5(show 5). If there are no DMX signal, the master mode LED will light up, the sound control LED will strobe according to the music, the other lights light up, the sound control LED will not work in slave mode, SLAU choose SLAU (slave mode), when connect the

Press **MENU** button, select [Addr] menu, press **ENTER** button, address will strobe.Use **UP /DOWN** to select DMX 512 address. Our original value is [001].

After address ensure, press **ENTER** button.

DMX512 controller output connect the first machine DMX input,then first machine output connect the second machine DMX input and so on, until you connect all slave machine.

DMX512

DMX-Controlle
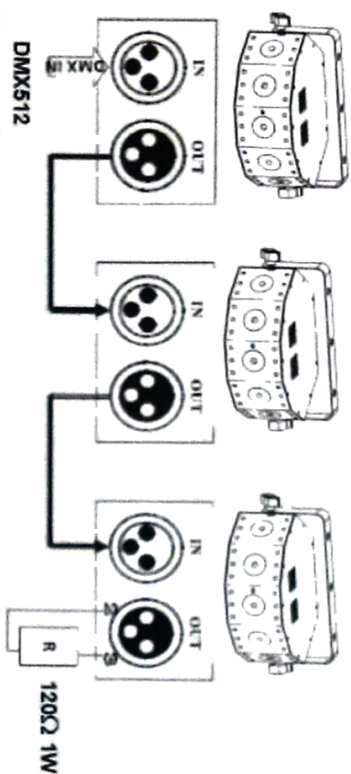
DMX connection with terminator (loop connection)

In the process of installation, if the signal line laid longer or in a noisy environment such as a dance hall, we recommend to use a DMX terminator (loop connection), which avoids the turbidity of the digital control signal due to electrical noise.The DMX terminator is composed of a simple XLR connector 2 cores and 3 cores which is connected with a 120 Ω resistor. Please insert the terminator into the XLR output port of the last product. Please refer to the figure below:

120Ω 1W
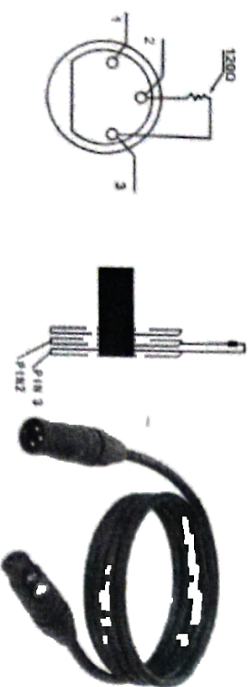
VIII.Channel (choose [RGB] default address code)

[Sheet 1] DMX Channel（12CH）

DMX	Value		Function	
CH1	000	- 255	LED dimmer 0-100%	
CH2	000	- 255	Red dimmer 0-100%	
CH3	000	- 255	Green dimmer 0-100%	RGBW
CH4	000	- 255	Blue dimmer 0-100%	Light
CH5	000	- 255	White dimmer 0-100%	
CH6	000	- 007	Dimmer on	
	008	- 015	Dimmer off	
	016	- 131	Strobe, slow to fast	
	132	- 139	Dimmer on	
	140	- 181	LED slow on fast off, slow to fast	
	182	- 189	Dimmer on	
	190	- 231	LED slow off fast on, slow to fast	
	232	- 239	Dimmer on	
	240	- 247	Thunder strobe	
	248	- 255	Dimmer on	
CH7	000	- 255	SMD Red on, dimmer 0-100%	
CH8	000	- 255	SMD Green on, dimmer 0-100%	
CH9	000	- 255	SMD Blue on, dimmer 0-100%	
CH10	000	- 009	No function	SMD Light
	010	- 019	Show 1	
	020	- 029	Show 2	
	030	- 039	Show 3	
	040	- 049	Show 4	
	050	- 059	Show 5	
	060	- 069	Show 6	
	070	- 079	Show 7	
	080	- 089	Show 8	
CH10	090	- 099	Show 9	
	100	- 109	Show 10	
	110	- 119	Show 11	
	120	- 129	Show 12	SMD
	130	- 139	Show 13	
	140	- 149	Show 14	
	150	- 159	Show 15	

	Value	Function	
	160 - 169	Show 16	
	170 - 179	Show 17	
	180 - 189	Show 18	
	190 - 255	No function	
CH11	000 - 255	Show speed up.slow to fast	Sum up function
CH12	000 - 199	No function	
	200 - 209	Stop 3S, reset position	
	210 - 239	No function	
	240 - 255	Sound control mode	

[Sheet 2] DMX Channel（55CH）

DMX	Value	Function	Group
CH1	000 - 255	LED dimmer, 0-100%	LED1
CH2	000 - 255	Red dimmer 0-100%	
CH3	000 - 255	Green dimmer 0-100%	
CH4	000 - 255	Blue dimmer 0-100%	
CH5	000 - 255	White dimmer 0-100%	
↓	000 - 255	↓	
CH18	000 - 255	Red dimmer 0-100%	LED5
CH19	000 - 255	Green dimmer 0-100%	
CH20	000 - 255	Blue dimmer 0-100%	
CH21	000 - 255	White dimmer 0-100%	
CH22	000 - 007	Dimmer on	RGBW Light
	008 - 015	Dimmer off	
	016 - 131	Strobe, slow to fast	
	132 - 139	Dimmer on	
	140 - 181	LED slow on fast off, slow to fast	
	182 - 189	Dimmer on	
	190 - 231	LED slow off fast on, slow to fast	
	232 - 239	Dimmer on	
	240 - 247	Thunder strobe	
	248 - 255	Dimmer on	
CH7	000 - 255	SMD Red on, 0-100%	SMD1 / SMD Light
CH8	000 - 255	SMD Green on dimmer 0-100%	
CH9	000 - 255	SMD Blue on dimmer 0-100%	
↓	000 - 255	↓	
CH50	000 - 255	SMD Red on dimmer0-100%	SMD10
CH51	000 - 255	SMD Green on dimmer0-100%	
CH52	000 - 255	SMD Blue on dimmer0-100%	
CH53	000 - 009	No function	SMD Light
	010 - 019	Show 1	
	020 - 029	Show 2	
	030 - 039	Show 3	
	040 - 049	Show 4	
	050 - 059	Show 5	
	060 - 069	Show 6	
	070 - 079	Show 7	
	080 - 089	Show 8	
	090 - 099	Show 9	
	100 - 109	Show 10	
	110 - 119	Show 11	
	120 - 129	Show 12	
	130 - 139	Show 13	
	140 - 149	Show 14	
	150 - 159	Show 15	
	160 - 169	Show 16	
	170 - 179	Show 17	
	180 - 189	Show 18	
	190 - 255	No function	
CH54	000 - 255	Show speed up, slow to fast	Sum up function
CH55	000 - 199	No function	
	200 - 209	Stop 3S, Reset position	
	210 - 239	No function	
	240 - 255	Sound control.mode	

IX、Product maintenance and cleaning

Please note the following points when testing this product:

★All the screws and parts for installing must be tightly connected and cannot be rusted;

★Housings, lenses, fixtures and mounting locations (e.g ceilings, hangers, trusses, etc.) must not be deformed

★The power cable must not be damaged.The installation and use must be operated by trained professional technicians and it must ensure that safety hazards are eliminated.

Note: Please unplug the power cable before doing product maintenance!

It is very important to keep machine clean and dry.Before unlock the machine and start maintenance,you should keep the machine power off and unplug. Keep cleaning regularly can make the light have max brightness and also can extend its use time. We suggest to use good glass cleaner and clean it with a soft cloth. Can not use alcohol or chemical solvents under any circumstances. The interior of the machine and the fan should be cleaned at least once every quarter by using a vacuum cleaner.

Sh 1 - All
Sh 2 - All
Sh 3 - All
Sh 4 - Small only
Sh 5 - Small only - Same color