9x10W Battery LED RGBWA+UV Mast Light
User Manual

This manual contains important information. Please read before operating fixture.

1   SECURITY TIPS

WARNING!!! To reduce the risk of fire, electric shock, or injury to persons, follow these important safety instructions:

- non-professionals, not to disassemble the light arbitrarily and lighting accessories inside.
- rated voltage range: AC110V-120V/60Hz or AC200V-240V / 50HZ (to be selected).
- not beam irradiate the flammable materials, flammable materials and the lamp should be maintained at least 1M over the distance.
- lamps used in ambient temperature: -15 ℃ -40 ℃, the highest temperature of the surface of the lamp: 60 ℃.
- to keep away from the liquid substance and humid environment.
- before using the lights must ensure the good grounding, can not install charging and remove any parts.
- the installation of lamps, must be fixed screw fasteners with additional security cable and regular inspection.
- lamps consecutive working hours is not recommended more than 10 hours.
- should stop using the lights in time when happens unusual conditions during the process
- lamp parts of the rotation, external accessories and paste parts should be regular inspected, such as the emergence of loose and rock, should be reinforced in a timely manner to prevent the accident.

- lamps adopt strong winds to refrigerate, it is easy to accumulate the dust, so you have to clean it weekly especially the cooling air opening, otherwise the dust will plug leading to poor light

2   TECHNOLOGY REFERENCE

Voltage：100-240V 50-60Hz
Power Draw：90W
LEDs : 9pcs 10W RGBWA+UV 6-IN-1 LED
Beam Angle:15°
DMX Channels: 2 DMX modes, 6channels mode & 10 channels mode
Control mode：DMX, Wireless, WIFI, Remote, Master-slave, Auto
Dimmer: 0-100% with regulated constant color control

Battery:
Battery type: Lithium Ion
Battery Charge Time: 6hours(full power)
Battery Life: (all on) 4hours, (single Color) 24hours
Battery Power: 12V, 25Ah
Wireless effective distance: 400meters
Strobe rate:0-24HZ
Cover: Aluminum
Net weight：13.4KG
Product high：2-2.5M

3   Board Instruction

1．Key instruction：

Button	Meaning
M	Menu/back
E	Enter/confirm
▲	up
▼	down

Operation Description: Press the function key "M" will cycle out Ten different functional effects, the first two digits of the digital tube represents the current function (refer to the function table). The last two digits represent the address of the function, the address code, or the speed, the parameters. Press "▲" or "▼" to change its parameter value. Press the "E" key to confirm

2. LED display window function table, (all the features selected by pressing the D key to confirm)

Operate Menu :

Static	Choose Pattern	Static Color	1.RED	000-255 (Dimming)
			2.GREEN	000-255
			3.BLUE	000-255
			4.WHITE	000-255
			5.AMBER	000-255
			6.PURPLE	000-255
			7. STROBE	000-255
		Macro	000-032	
		Show (mode)	1. AUTO	001-20（Speed）
			2.FADE	001-20
			3.SNAP	001-20
			4.R-STRO	001-20
			5.G-STRO	001-20
			5.B-STRO	001-20
			5.W-STRO	001-20

			SOUND 1	01-100 （Sensitivity）
		Sound	SOUND 2	01-100
			SOUND 3	01-100
User Setting	1.CHANNEL	6/10		
	2.DMX512	001-512		
	3.SLAVE	OK		
	4.WIFI			
System Setting	1.White Balance	1.RED	127-255	
		2.GREEN	127-255	
		3.BLUE	127-255	
		4.WHITE	127-255	
		5.AMBER	127-255	
		6.PURPLE	127-255	
	2.Show Battery Ion	YES/NO		
	3.Display Sleep	OPEN		
		5SEC		
		10SEC		
		15SEC		
	4. Autolock	YES/NO		
Informa tion	1.LED	Temperature		
	2.WORK	Hours	27	
	3.SOFT	Version	3	
	4.LEVEL	Percent	100	

4   DMX CHANNEL SHEET

6CH mode

CH	Value	Function
1	0-255	Red from darkness to brightness
2	0-255	Green from darkness to brightness
3	0-255	Blue from darkness to brightness
4	0-255	White from darkness to brightness
5	0-255	Amber from darkness to brightness
6	0-255	Purple from darkness to brightness

10CH mode

CH	Value	Function
1	0-255	Total dimmer ,CH9(0~9)
2	0-9	Strobe close
2	10-255	Strobe open, from slow to fast
3	0-255	Red from darkness to brightness
4	0-255	Green from darkness to brightness
5	0-255	Blue from darkness to brightness
6	0-255	White from darkness to brightness
7	0-255	Amber from darkness to brightness
8	0-255	Purple from darkness to brightness
9	0-9	Dimmer mode
9	10-29	Choose color: CH10 choose color
9	30-49	Jump change: CH10 control speed
9	50-69	Gradual change: CH10 control speed
9	70-89	Pulse change: CH10 control speed
9	90-109	Red On + Strobe: CH10 control speed
9	110-129	Green On + Strobe: CH10 control speed

	130-149	Blue On + Strobe: CH10 control speed
	150-169	Amber On + Strobe: CH10 control speed
	170-189	Purple On + Strobe: CH10 control speed
	190-209	Sound Jump change
	210-229	Sound Jump change + Gradual change
	230-255	Sound Strobe
10	0-255	CH10 function decided by CH9 When CH9 on 10-29, CH10 will choose When CH9 on 30-189, CH10 will control speed, from slow to fast

5   CONNECTION OF DMX-512 AND CONNETION WITH THE LIGHT EQUIPMENT

Please connect XLR-XLR control wire with every light from the output of DMX.
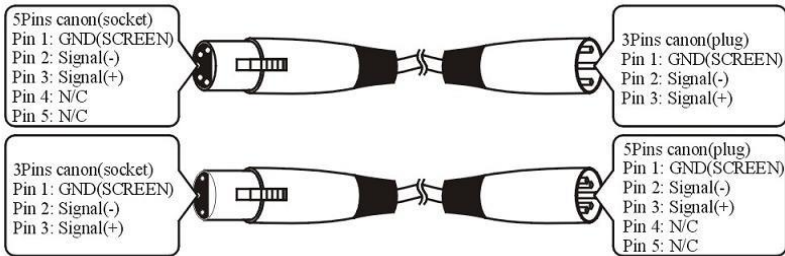
XLR connection :

DMX−OUTPUT

Pin 1: Screen
Pin 2: Signal -
Pin 3: Signal +

DMX−INTPUT

Pin 1: Screen
Pin 2: Signal -
Pin 3: Signal +

ATTENTION: Please do remember to connect one circle circuit plug on the output signal of last equipment. And this circle circuit plug was connected a 120ohm resistance between terminals 2 and 3 of the CANON plug, connect this circle circuit plug can avoid the signal flash phenomena of signal DMX512 during the transmission.

5Pins canon(socket)
Pin 1: GND(SCREEN)
Pin 2: Signal(-)
Pin 3: Signal(+)
Pin 4: N/C
Pin 5: N/C

3Pins canon(plug)
Pin 1: GND(SCREEN)
Pin 2: Signal(-)
Pin 3: Signal(+)

3Pins canon(socket)
Pin 1: GND(SCREEN)
Pin 2: Signal(-)
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5Pins canon(plug)
Pin 1: GND(SCREEN)
Pin 2: Signal(-)
Pin 3: Signal(+)
Pin 4: N/C
Pin 5: N/C

6   Maintenance

Problems	Check list	Trouble Shooting
The fixture do not work	1. If your power as same as the input of the machine. 2. If the fuse was broken.	1. Make sure the voltage. 2. Replace the same fuse.
LED dimmed	If your power us same as the input of the machine	Make sure the voltage input.
No DMX input	1. If the polarity is opposited in the DMX controller. 2. If it is in DMX mode. 3. If there are 2 Master in a loop.	1. Correct the DMX polarity. 2. Change to the DMX mode. 3. Set one piece into Slave mode.
Par Light Set works abnormality	1. Check if the serial is correct on the Par Light display	1. Set the right serial No on the single Par Light

7   AFTER SERVICE

1.   Our company offer technical consultation to customers for ever.

2.   If the machine is wrong and need repairmen, please truthfully fill in the related content and feedback us the problems timely, as well as we have to improve the product.

3.   In addition to the lamp, also matching accessories are as follows：
      accessories：Power line   1 piece   Optional parts：(customers）

✂

Warranty Card

Name	Model		Production	Purchase

End User	Sale Store
Company Name:	Link man:
	Tel: Stamp
Add:	

Description: These must be truthfully fill, seal by the end-user and point-of-sale, or else the warranty will not work (warranty period and terms, see the following)

warranty period：one year since purchase warranty terms：1、If fail when using the product in normal state, you can made under the provisions of the warranty, show the warranty card and purchase bills(copy), and enjoy free maintenance service in a specific service center or the manufacturer.

2. The following will be the implementation of paid service:

(1)Without the effective warranty card

(2)There's blank, alter and no point-of-sale name

(3)Fail caused by unresistance

(4)Fail caused by transportation or unloading

(5)Fail caused by not operate by manual

(6)Fail caused by disassemble without unauthorized

(7)Fail caused by using the unauthorized control system

Note:

Based on our company continue to improve the product, the statement containing data may have changed, and will not notice the change any more. Company retains its right to change specifications related when product is improved. Thanks for your understanding.