RHINOBATBAR243

24×3W RGB/RGBW LED Bar

USER MANUAL

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

Power Supply: AC 100-240V/50-60Hz

Power consumption:80W

Light source: 24pcs*3w LED RGB 3in1 mixing color

Beam Angle: 10/20/25degree

Dimmer: 0-100% dimmer

Strobe rate:0-24HZ

Working Environment: -20℃-40℃

IP rate: IP20

DMX Channels: 5/8/14/26/50 CH

Control Mode: DMX512,Master-slave,Sound,Auto,remote

Build-in more than 9 build-in programs

Generate endless effects with built-in, automated programs

Create dazzling effects with 1/2 /4/8 zones of individual control

generate eye-catching chase and runway effects with built-in, automated and sound-activated programs

Control panel : LCD display

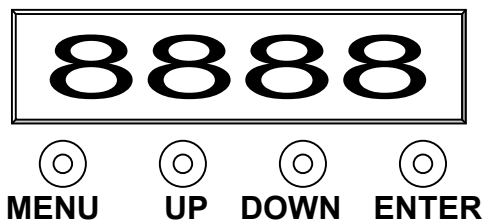Product size: 1030x62x58mm

Battery:

Battery type: Lithium Ion

Battery lifespan: 500times circulation

Battery Charge Time: 6hours(full power)

Battery Life: (all on) 4.5hours,(single Color) 12 hours

Battery Power: 12V, 20Ah

3 Board Instruction

$$8888$$

○ MENU ○ UP ○ DOWN ○ ENTER

1~Press MENU Can circulate 8 different functions. The front 2Digits mean the function it has. (Please see the function form as follow.) And the last 2Digits mean the function's address, speed or parameter. Press UP or DOWN can change the value. And press ENTERto confirm.

2~Press MENU more than 2sec. The 2Digit number will flash. Then press UP or DOWN can change the value quickly. Then press the ENTER to save the value you want. If you don't want to save the value, press MENU more than 2sec. is okay.

Operate Menu

Show	Details	Function Instruction
Addr	A001-A512	Address
ChNd	5Ch	5 DMX channel mode selection
	8Ch	
	14Ch	
	26Ch	
	50Ch	
SLNd	NAST	Master
	SL 1	Slave1
	SL 2	Slave 2
	D512	
SoUn	So 0-So16	Sound effect
	SE99-SE 0	Sound sensitivity adjust
AuTO	Au 0-Au16(SP 0-SP 9)	Auto mode, each mode can adjust working speed

Colo	rEd	Red(000-255)
		Up, Down change the brightness
	GrEE	Green(000-255)
		Up, Down change the brightness
	bluE	Blue(000-255)
		Up, Down change the brightness
dISP	dSIP	Display reversal setting
uEr	U12	Version
Reset		reset

4   DMX CHANNEL SHEET

5CH

CH	Value	Function
1	0-255	Red dimmer, 0-100%
2	0-255	Green dimmer, 0-100%
3	0-255	Blue dimmer, 0-100%
4	0-255	See color chase table
5	0-255	Chase speed from slow to fast

8CH

CH	Value	Function
1	0-255	Total dimmer
2	0-255	Strobe
3	0-255	Red dimmer, 0-100%
4	0-255	Green dimmer, 0-100%
5	0-255	Blue dimmer, 0-100%
6	0-255	Auto program
7	0-255	See color chase table
8	0-255	Chase speed from slow to fast

14CH

CH	Value	Function
1	0-255	Total dimmer 1
2	0-255	Strobe1
3	0-255	Red1 dimmer, 0-100%
4	0-255	Green1 dimmer, 0-100%
5	0-255	Blue1 dimmer, 0-100%
6	0-255	Auto program1
7	0-255	Total dimmer 2
8	0-255	Strobe2
9	0-255	Red2 dimmer, 0-100%
10	0-255	Green2 dimmer, 0-100%
11	0-255	Blue2 dimmer, 0-100%
12	0-255	Auto program2
13	0-255	See color chase table
14	0-255	Chase speed from slow to fast

26CH

CH	Value	Function
1	0-255	Total dimmer 1
2	0-255	Strobe1
3	0-255	Red1 dimmer, 0-100%
4	0-255	Green1 dimmer, 0-100%
5	0-255	Blue1 dimmer, 0-100%
6	0-255	Auto program1
7	0-255	Total dimmer 2
8	0-255	Strobe2
9	0-255	Red2 dimmer, 0-100%
10	0-255	Green2 dimmer, 0-100%
11	0-255	Blue2 dimmer, 0-100%
12	0-255	Auto program2
13	0-255	Total dimmer 3

14	0-255	Strobe3
15	0-255	Red3 dimmer, 0-100%
16	0-255	Green3 dimmer, 0-100%
17	0-255	Blue3 dimmer, 0-100%
18	0-255	Auto program3
19	0-255	Total dimmer 4
20	0-255	Strobe4
21	0-255	Red4 dimmer, 0-100%
22	0-255	Green4 dimmer, 0-100%
23	0-255	Blue4 dimmer, 0-100%
24	0-255	Auto program4
25	0-255	See color chase table
26	0-255	Chase speed from slow to fast

50CH

CH	Value	Function
1	0-255	Total dimmer 1
2	0-255	Strobe1
3	0-255	Red1 dimmer, 0-100%
4	0-255	Green1 dimmer, 0-100%
5	0-255	Blue1 dimmer, 0-100%
6	0-255	Auto program1
7	0-255	Total dimmer 2
8	0-255	Strobe2
9	0-255	Red2 dimmer, 0-100%
10	0-255	Green2 dimmer, 0-100%
11	0-255	Blue2 dimmer, 0-100%
12	0-255	Auto program2
13	0-255	Total dimmer 3
14	0-255	Strobe3
15	0-255	Red3 dimmer, 0-100%
16	0-255	Green3 dimmer, 0-100%

17	0-255	Blue3 dimmer, 0-100%
18	0-255	Auto program3
19	0-255	Total dimmer 4
20	0-255	Strobe4
21	0-255	Red4 dimmer, 0-100%
22	0-255	Green4 dimmer, 0-100%
23	0-255	Blue4 dimmer, 0-100%
24	0-255	Auto program4
25	0-255	Total dimmer 5
26	0-255	Strobe5
27	0-255	Red5 dimmer, 0-100%
28	0-255	Green5 dimmer, 0-100%
29	0-255	Blue5 dimmer, 0-100%
30	0-255	Auto program5
31	0-255	Total dimmer 6
32	0-255	Strobe6
33	0-255	Red6 dimmer, 0-100%
34	0-255	Green6 dimmer, 0-100%
35	0-255	Blue6 dimmer, 0-100%
36	0-255	Auto program6
37	0-255	Total dimmer 7
38	0-255	Strobe7
39	0-255	Red7 dimmer, 0-100%
40	0-255	Green7 dimmer, 0-100%
41	0-255	Blue7 dimmer, 0-100%
42	0-255	Auto program7
43	0-255	Total dimmer 8
44	0-255	Strobe8
45	0-255	Red8 dimmer, 0-100%
46	0-255	Green8 dimmer, 0-100%
47	0-255	Blue8 dimmer, 0-100%
48	0-255	Auto program8

49	0-255	See color chase table
50	0-255	Chase speed from slow to fast

Color chase table

Color chase	Value	Function
	000-007	No function
	008-022	Color chase 01
	023-037	Color chase 02
	038-052	Color chase 03
	053-067	Color chase 04
	068-082	Color chase 05
	083-097	Color chase 06
	098-112	Color chase 07
	113-127	Color chase 08
	128-142	Color chase 09
	143-157	Color chase 10
	157-172	Color chase 11
	173-187	Color chase 12
	188-202	Color chase 13
	203-217	Color chase 14
	218-232	Color chase 15
	233-247	Color chase 16
	248-255	Sound effect 1-16

5   FIXED EQUIPMENT

Please fasten the fixture clamp before hanging. The clamp can be fasten by the little hole in the middle of the bracket, then tie with a safety belt. The loading capacity of the safety belt should be 10 times than the weight of the fixture itself.

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

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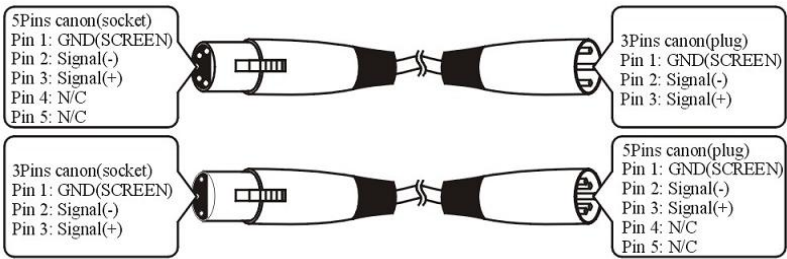
XLR connection :

DMX−OUTPUT

DMX−INTPUT

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

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(-)
Pin 3: Signal(+)

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

7   Maintenance

Problems	Check list	Trouble Shooting
The fixture do not work	1. If your power as same as the input of the machine.	1. Make sure the voltage. 2. Replace the same fuse.

	2. If the fuse was broken.	
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

8   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.