

FOS Luminus BAR IP65

User's Manual

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

1 General safety 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: -20 ℃ -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, cannot 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.

2 Technical Specifications

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

Power consumption:100W

Light source: 24pcs*4w LED RGBW 4in1.

LED feature: Create dazzling effects with 2 /8 zones of individual control.

Beam Angle: 25 degrees.

Dimmer: 0-100% dimmer

Strobe rate:0-24 Hz

Working Environment: -20℃-40℃

IP rate: IP65

DMX Channels:6/8/14/50ch

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

Control panel: LED display.

Power connection: TruePowercon in/out

DMX control: 3pin XLR DMX in out

Battery type: Lithium Ion

Battery Power: 12V, 27Ah

Battery lifespan: 500 times charging/discharging circles.

Battery Charge Time: 6hours (full power)

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

3 On-board Menu layout

Operate menu :

Addr	A001-A512	DMX Address selection
Chnd	6/8/14/50ch	Channel selection
Slnd	MAst/d512/SlAU	Master slave selection
Soun	So 0-16	Sound control effect selection
	Se 99-0	Sound control sensitivity adjustment
Auto	Au 0- Au16	Auto effect selection
	SP 0-SP 9	Auto effect speed adjustment
Colo	Co 1-Co 12	Color selection
Manu	Red 0-255	Red dimmer
	Gree 0-255	Green dimmer
	Blue 0-255	Blue dimmer
	Whit 0-255	White dimmer
disp	disp	Digital display flip setting
2-4G	On/off	Wireless on/off
ver	V10	Current software version

4 DMX Channel Modes

6 Channel		
CH	Value	Function
1	0-255	Red 0-100%
2	0-255	Green 0-100%
3	0-255	Blue 0-100%
4	0-255	White 0-100%
5	0-255	Color Chase, See Color Chase Table
6	0-255	Chase Speed Slow To Fast

8 Channel		
CH	Value	Function
1	0-255	All dimming
2	0-255	Strobe
3	0-255	Red 0-100%
4	0-255	Green 0-100%
5	0-255	Blue 0-100%
6	0-255	White 0-100%
7	0-255	Color Chase, See Color Chase Table
8	0-255	Chase Speed Slow To Fast

14 Channel		
CH	Value	Function
1	0-255	All dimming 1
2	0-255	Strobe
3	0-255	Red 1 0-100%
4	0-255	Green 1 0-100%
5	0-255	Blue 1 0-100%
6	0-255	White1 0-100%
7	0-255	All dimming 2
8	0-255	Strobe
9	0-255	Red 2 0-100%
10	0-255	Green 2 0-100%
11	0-255	Blue 2 0-100%
12	0-255	White 2 0-100%
13	0-255	Color Chase, See Color Chase Table
14	0-255	Chase Speed Slow To Fast

50 Channel		
CH	Value	Function
1	0-255	All dimming 1

2	0-255	Strobe1
3	0-255	Red 1 0-100%
4	0-255	Green 1 0-100%
5	0-255	Blue 1 0-100%
6	0-255	White 1 0-100%
7	0-255	All dimming 2
8	0-255	Strobe2
9	0-255	Red 2 0-100%
10	0-255	Green 2 0-100%
11	0-255	Blue 2 0-100%
12	0-255	White 2 0-100%
13	0-255	All dimming 3
14	0-255	Strobe3
15	0-255	Red 3 0-100%
16	0-255	Green 3 0-100%
17	0-255	Blue 3 0-100%
18	0-255	White 3 0-100%
19	0-255	All dimming 4
20	0-255	Strobe4
21	0-255	Red 4 0-100%
22	0-255	Green 4 0-100%
23	0-255	Blue 4 0-100%
24	0-255	White 4 0-100%
25	0-255	All dimming 5
26	0-255	Strobe5
27	0-255	Red 5 0-100%
28	0-255	Green 5 0-100%
29	0-255	Blue 5 0-100%
30	0-255	White 5 0-100%
31	0-255	All dimming 6
32	0-255	Strobe6

33	0-255	Red 6 0-100%
34	0-255	Green 6 0-100%
35	0-255	Blue 6 0-100%
36	0-255	White 6 0-100%
37	0-255	All dimming 7
38	0-255	Strobe7
39	0-255	Red 7 0-100%
40	0-255	Green 7 0-100%
41	0-255	Blue 7 0-100%
42	0-255	White 7 0-100%
43	0-255	All dimming 8
44	0-255	Strobe8
45	0-255	Red 8 0-100%
46	0-255	Green 8 0-100%
47	0-255	Blue 8 0-100%
48	0-255	White 8 0-100%
49	0-255	Color Chase, See Color Chase Table
50	0-255	Chase Speed 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

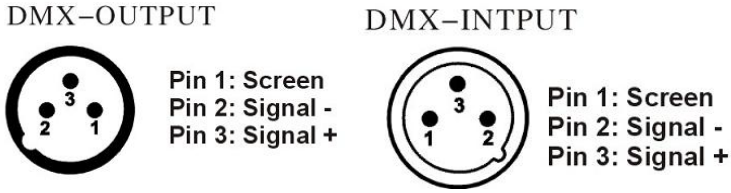
5 Installing the fixture

Please fasten the fixture clamp before hanging. The clamp can be fastened 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 DMX protocol connection

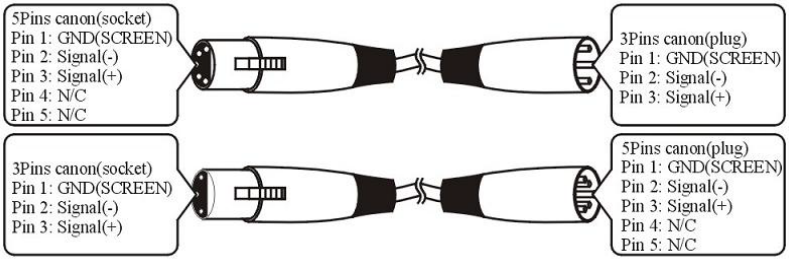
Please connect XLR-XLR control wire with every light from the output of DMX.

XLR connection:



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.



7 Maintenance/Troubleshooting

Problems	Check list	Trouble Shooting
The fixture does 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 opposite 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.
Bar Light 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



Warranty Card

Name	Model	Production	Purchase

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

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 power supply

(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 without any notice. Company retains its right to change specifications related when product is improved. Thanks for your understanding.