



FOS Bar Pente



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 °C -40 °C, the highest temperature of the surface of the lamp: 60 °C.
- 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: AC90V-245V/50-60Hz

Power: 270W

Leds: 18pcs 15W RGBWA 5IN1 LEDS

Beam angle: 15° ,25°or 40°

Life time: >50000 hours

Color: RGBWA color can be mixed to more than 16.7million kinds of color

Function effect: each led pixel control, dimmer, strobe, eotic, gradual change

0-100% dimming function with various strobe and speed can be adjusted

Control: DMX512, Master-slave,sound-active,Auto

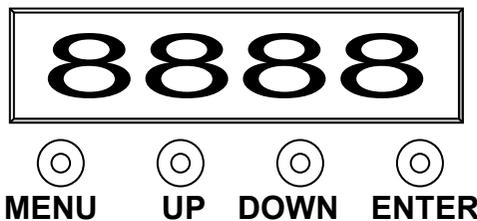
DMX Channel:10/28/90/100CHS

IP rate: IP20

Powercon In/Out, DMX 3pin In/Out

Net weight: 4.62kg

3 Board Instruction



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

NO.	Display	Function
1	A001	DMX 512 Address (001—512)
2	28ch/10ch/100h/90h	Channel mode selection
3	CC50	Color jump change (01—99)
4	Ed50	Color gradual, pulse change (01—99)
5	Er50	Color Running effect 1 (01—99)
6	Po50	Color Running effect 2 (01—99)
7	Tr00	Running effect selection (00—21)
8	tU50	Running effect speed control (00—99)
9	BE99	Sound (00—99)
10	R200	Red (000—255)
11	G200	Green (000—255)
12	B200	Blue (000—255)
13	W200	White (000—255)
14	Y200	Amber (000—255)
15	ID01	Light ID setting (01—14) can make several lights chase effect

4 DMX CHANNEL SHEET

10CH

Channel	Value	Function
1	0-255	Total dimmer, from dark to bright
2	0-255	Total strobe, from slow to fast
3	0-22	No function
	23-27	Color Running Jump change: control by CH1, CH6-CH10(set different ID, can make several

		lights chase effect)
	28-32	Color Running Gradual change: control by CH1, CH6-CH10(set different ID, can make several lights chase effect)
	33-37	Color selection: control by CH5
	38-42	Color Jump change
	43-47	Color Gradual change , pulse change
	48-51	Running pattern 1

	248-251	Running pattern 50
	252-255	Sound effect
4	0	No function
	1-5	Running pattern1
	6-10	Running pattern2

	31-35	Running pattern7(CH1,CH6-CH10 can make background color effect)

	251-255	Running pattern50(CH1,CH6-CH10 can make background color effect)
5	0-255	CH3, CH4 Function effect speed control, from slow to fast
6	0-255	Red dimmer, from dark to bright
7	0-255	Green dimmer, from dark to bright
8	0-255	Blue dimmer, from dark to bright
9	0-255	White dimmer, from dark to bright
10	0-255	Amber dimmer, from dark to bright

28CH

Channel	Value	Function
1	0-255	Total dimmer, from dark to bright

2	0-255	Total strobe, from slow to fast
3	0-22	No function
	23-27	Color Running Jump change: control by CH1, CH6-CH10(set different ID, can make several lights chase effect)
	28-32	Color Running Gradual change: control by CH1, CH6-CH10(set different ID, can make several lights chase effect)
	33-37	Color selection: control by CH5
	38-42	Color Jump change
	43-47	Color Gradual change , pulse change
	48-51	Running pattern 1
	
	248-251	Running pattern 50
252-255	Sound effect	
4	0	No function
	1-5	Running pattern1
	6-10	Running pattern2
	
	31-35	Running pattern7(CH1,CH6-CH10 can make background color effect)
	
	251-255	Running pattern50(CH1,CH6-CH10 can make background color effect)
5	0-255	CH3, CH4 Function effect speed control, from slow to fast
6	0-255	Red dimmer, from dark to bright
7	0-255	Green dimmer, from dark to bright
8	0-255	Blue dimmer, from dark to bright
9	0-255	White dimmer, from dark to bright

10	0-255	Amber dimmer, from dark to bright
11	0-255	Led1 color selection
12	0-255	Led2 color selection
13	0-255	Led3 color selection
14	0-255	Led4 color selection
.....
28	0-255	Led18 color selection

90CH

Channel	Value	Function
1	0-255	R1 dimmer, from dark to bright
2	0-255	G1 dimmer, from dark to bright
5	0-255	B1 dimmer, from dark to bright
6	0-255	W1 dimmer, from dark to bright
7	0-255	A1 dimmer, from dark to bright
8	0-255	R2 dimmer, from dark to bright
9	0-255	G2 dimmer, from dark to bright
10	0-255	B2 dimmer, from dark to bright
.....
90	0-255	A18 dimmer, from dark to bright

100CH

Channel	Value	Function
1	0-255	Total dimmer, from dark to bright
2	0-255	Total strobe, from slow to fast
3	0-22	No function
	23-27	Color Running Jump change: control by CH1, CH6-CH10(set different ID, can make several lights chase effect)
	28-32	Color Running Gradual change: control by CH1, CH6-CH10(set different ID, can make several

		lights chase effect)
	33-37	Color selection: control by CH5
	38-42	Color Jump change
	43-47	Color Gradual change , pulse change
	48-51	Running pattern 1
	
	248-251	Running pattern 50
	252-255	Sound effect
4	0	No function
	1-5	Running pattern1
	6-10	Running pattern2
	
	31-35	Running pattern7(CH1,CH6-CH10 can make background color effect)
	
	251-255	Running pattern50(CH1,CH6-CH10 can make background color effect)
5	0-255	CH3, CH4 Function effect speed control, from slow to fast
6	0-255	Red dimmer, from dark to bright
7	0-255	Green dimmer, from dark to bright
8	0-255	Blue dimmer, from dark to bright
9	0-255	White dimmer, from dark to bright
10	0-255	Amber dimmer, from dark to bright
11	0-255	R1 dimmer, from dark to bright
12	0-255	G1 dimmer, from dark to bright
13	0-255	B1 dimmer, from dark to bright
14	0-255	W1 dimmer, from dark to bright
15	0-255	A1 dimmer, from dark to bright

16	0-255	R2 dimmer, from dark to bright
.....
100	0-255	A18 dimmer, from dark to bright

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



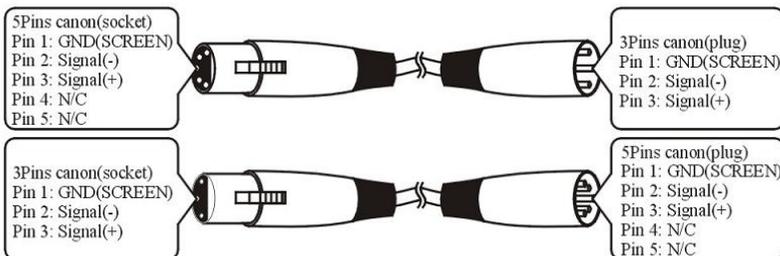
Pin 1: Screen
Pin 2: Signal -
Pin 3: Signal +

DMX-INPUT



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.



7 Maintenance

Problems	Check list	Trouble Shooting
The fixture do not work	<ol style="list-style-type: none"> 1. If your power as same as the input of the machine. 2. If the fuse was broken. 	<ol style="list-style-type: none"> 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	<ol style="list-style-type: none"> 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. 	<ol style="list-style-type: none"> 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:	
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 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.