# FOS PAR 7x10W ALU

## 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 must clean it weekly especially the cooling air opening, otherwise the dust will plug leading to poor light.

# 2 TECHNOLOGY REFERENCE

Power supply: AC90~240V / 50~60Hz
Power consumption:70W
Led:7pcs×10W RGBW LED 4in1 Beam angle:15° 25° 40° optional
DMX channels:4 CHS / 8 CHS
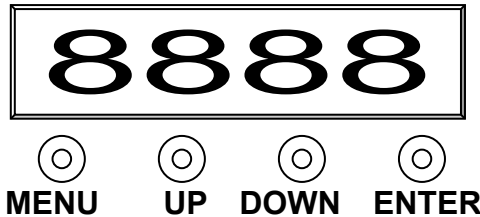Control mode: DMX, Auto, Sound, Master-slave, strobe, dimmer
Housing Material:   Iron + Aluminium      Protection: IP20
Working Environment: -20~40℃
Packing size: 22.5×10×22.5Cm (1pc/CTN) 49×34×51Cm (12pcs/CTN)
N.W.：1.8Kg      G.W.：24Kg(12pcs/CTN)

# 3 Board Instruction

8888

**MENU    UP  DOWN  ENTER**

1~Press MENU Can circulate 9 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 ENTER to 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 | Value | Description |
|-----|---------|-------|-------------|

| 1 | A001 | 001- 512 | DMX mode,8 Channels |
|---|------|----------|---------------------|
| 2 | d001 | 001- 512 | DMX mode,4 Channels |
| 3 | r255 | 000 - 255 | Dimming red from dark to brightness |
| 4 | G255 | 000 - 255 | Dimming green from dark to brightness |
| 5 | b255 | 000 - 255 | Dimming blue from dark to brightness |
| 6 | u255 | 000 - 255 | Dimming white from dark to brightness |
| 7 | F255 | 005 - 255 | Strobe from slow to fast |
| 8 | CC15 | 00 - 15 | Jump mode from slow to fast |
| 9 | DE15 | 00 - 15 | Fade mode from slow to fast |
| 10 | CP15 | 00 - 15 | Pulse mode from slow to fast |
| 11 | Soud | / | Sound active |

# 4 DMX CHANNEL SHEET

4 Channels mode

| CH | Value | Function |
|----|-------|----------|
| CH1 | 0-255 | Dimming Red |
| CH2 | 0-255 | Dimming green |
| CH3 | 0-255 | Dimming blue |
| CH4 | 0-255 | Dimming white |

8 Channels mode

| CH | Value | Function | Description |
|----|-------|----------|-------------|

| CH1 | 0-255 | Master dimming | Master dimming |
|---|---|---|---|
| CH2 | 0-255 | Dimming Red | Dimming static color |
| CH3 | 0-255 | Dimming green | |
| CH4 | 0-255 | Dimming blue | |
| CH5 | 0-255 | Dimming white | |
| CH6 | 0-255 | Strobe mode | Strobe from slow to fast |
| CH7 | 0-50 | No function | No function |
| | 51-100 | Static color | Static color selected by CH8 |
| | 101-150 | Jump mode | Macro mode |
| | 151-200 | Fade mode | |
| | 201-250 | Pulse mode | |
| | 251-255 | Sound mode | Sound mode |
| CH8 | 0-255 | Speed adjustment | Speed for Marco function |
| | 0-31 | Red | CH=51~100 |
| | 32-63 | Green | |
| | 64-95 | Blue | |
| | 96-127 | White | |
| | 128-159 | Red+Green | |
| | 160-191 | Red+Blue | |
| | 192-223 | Green+Blue | |
| | 224-255 | Full on | |

# 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.
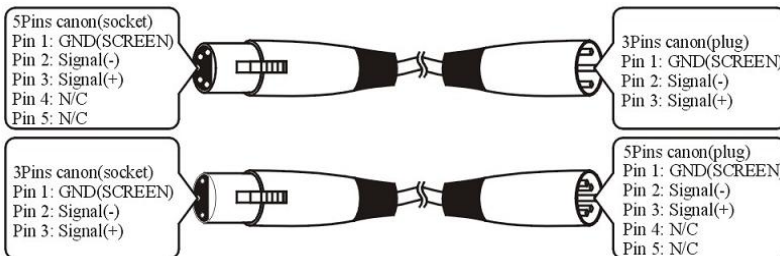
XLR connection :



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

DMX-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(-)
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 | 1. If your power as same as the input | 1. Make sure the voltage. |

| not work | of the machine. 2. If the fuse was broken. | 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 |

# 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 must improve the product.

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

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## 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 anymore. Company retains its right to change specifications related when product is improved. Thanks for your understanding.