



FOS COB System



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

1 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: -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, 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.
- 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 Technical Specifications

Power input: 100-256V AC 50-60Hz

Power consumption: 150W

LED: 4pcs LED COB, each 30W

Color: RGBW 4in1

Channel mode: 4/6/16/25 CH

Beam angle: 25 degrees

Control mode: DMX mode, Master-slave, Auto run, Remote mode

Each led controlled individual

Dimmer speed can be set

Build-in programs

3 pin XLR female and male socket

PowerCON In/Out

Control panel: LED display

Black aluminum material

Net weight: 4.67KG

3 Fixture Menu

Operate menu :

| | |
|------|---|
| Addr | 1-512 |
| Chan | 4/6/16/25CH |
| Stat | R 0-255 G 0-255 B 0-255 A 0-255 Strobe 0-20 |

| | |
|------|---|
| Auto | Au1 SP(1-9) Au2 SP(1-9) Au3 SP(1-9) Au4 SP(1-9) Au5 SP(1-9) Au15 SP(1-9) |
| Soun | Sou1 Sc(1-9) Sou2 Sc(1-9) |
| Din | Din1: dimmer speed fastest Din2 Din3 Din4: dimmer speed slowest Off: Normal speed |
| Disp | No Yes: display inversion |

4 DMX Channels Chart

| 4 Channel | | |
|-----------|-------|-----------------|
| CH | Value | Function |
| 1 | 0-255 | 0-100% R dimmer |
| 2 | 0-255 | 0-100% G dimmer |
| 3 | 0-255 | 0-100% B dimmer |
| 4 | 0-255 | 0-100% A dimmer |

| 6 Channel | | |
|-----------|-------|---------------------|
| CH | Value | Function |
| 1 | 0-255 | 0-100% Total dimmer |
| 2 | 0-255 | 0-100% R dimmer |
| 3 | 0-255 | 0-100% G dimmer |

| | | |
|---|---------|----------------------------------|
| 4 | 0-255 | 0-100% B dimmer |
| 5 | 0-255 | 0-100% A dimmer |
| 6 | Strobe | |
| | 0-9 | NO function |
| | 10-119 | strobe from slow to fast |
| | 120-139 | light on |
| | 140-239 | thunder strobe from slow to fast |
| | 240-255 | light on |

| 16 Channel | | |
|-------------------|-------|-----------------------------|
| CH | Value | Function |
| 1 | 0-255 | First LEDs R 0-100% dimmer |
| 2 | 0-255 | First LEDs G 0-100% dimmer |
| 3 | 0-255 | First LEDs B 0-100% dimmer |
| 4 | 0-255 | First LEDs A 0-100% dimmer |
| 5 | 0-255 | Second LEDs R 0-100% dimmer |
| 6 | 0-255 | Second LEDs G 0-100% dimmer |
| 7 | 0-255 | Second LEDs B 0-100% dimmer |
| 8 | 0-255 | Second LEDs A 0-100% dimmer |
| 9 | 0-255 | Third LEDs R 0-100% dimmer |
| 10 | 0-255 | Third LEDs G 0-100% dimmer |
| 11 | 0-255 | Third LEDs B 0-100% dimmer |
| 12 | 0-255 | Third LEDs A 0-100% dimmer |
| 13 | 0-255 | Fourth LEDs R 0-100% dimmer |
| 14 | 0-255 | Fourth LEDs G 0-100% dimmer |
| 15 | 0-255 | Fourth LEDs B 0-100% dimmer |
| 16 | 0-255 | Fourth LEDs A 0-100% dimmer |

| 25 Channel | | |
|-------------------|------------------|--|
| CH | Value | Function |
| 1 | 0-255 | 0-100% Total dimmer |
| 2 | 0-255 | 0-100% R dimmer |
| 3 | 0-255 | 0-100% G dimmer |
| 4 | 0-255 | 0-100% B dimmer |
| 5 | 0-255 | 0-100% A dimmer |
| 6 | Strobe | |
| | 0-9 | No function |
| | 10-255 | Strobe from slow to fast |
| 7 | Built-in program | |
| | 0-5 | No function |
| | 6-15 | RED 100%/GREEN UP/BULE 0% |
| | 26-35 | RED 0%/GREEN 100%/BULE UP |
| | 36-45 | RED 0%/GREEN DOWN/BULE 100% |
| | 46-55 | RED UP/GREEN 0%/BULE 100% |
| | 56-65 | RED 100%/GREEN 0%/BULE DOWN |
| | 66-75 | RED 100%/GREEN UP/BULE UP |
| | 76-85 | RED DOWN/GREEN DOWN/BULE 100% |
| | 86-95 | RED 100%/GREEN 100%/BULE 100%/AMBER 100% |
| | 96-105 | Built in auto 1 |
| | 106-115 | Built in auto 2 |
| | 116-125 | Built in auto 3 |
| | 126-135 | Built in auto 4 |
| | 136-145 | Built in auto 5 |
| | 146-155 | Built in auto 6 |
| 156-165 | Built in auto 7 | |
| 166-175 | Built in auto 8 | |
| 176-185 | Built in auto 9 | |

| | | |
|----|--------------|---------------------------------------|
| | 186-195 | Built in auto 10 |
| | 196-205 | Built in auto 11 |
| | 206-215 | Built in auto 12 |
| | 216-225 | Built in auto 13 |
| | 226-235 | Built in auto 14 |
| | 236-245 | Built in auto 15 |
| | 246-255 | Built in auto 1-15 cycle |
| 8 | 0-255 | Built-in speed auto from slow to fast |
| | Dimmer speed | |
| 9 | 0-9 | Menu setting speed |
| | 10-29 | Normal speed |
| | 30-69 | Speed 1(fastest) |
| | 70-129 | Speed 2 |
| | 130-189 | Speed 3 |
| | 190-255 | Speed 4(slowest) |
| 10 | 0-255 | First LEDs R 0-100% dimmer |
| 11 | 0-255 | First LEDs G 0-100% dimmer |
| 12 | 0-255 | First LEDs B 0-100% dimmer |
| 13 | 0-255 | First LEDs A 0-100% dimmer |
| 14 | 0-255 | Second LEDs R 0-100% dimmer |
| 15 | 0-255 | Second LEDs G 0-100% dimmer |
| 16 | 0-255 | Second LEDs B 0-100% dimmer |
| 17 | 0-255 | Second LEDs A 0-100% dimmer |
| 18 | 0-255 | Third LEDs R 0-100% dimmer |
| 19 | 0-255 | Third LEDs G 0-100% dimmer |
| 20 | 0-255 | Third LEDs B 0-100% dimmer |
| 21 | 0-255 | Third LEDs A 0-100% dimmer |
| 22 | 0-255 | Fourth LEDs R 0-100% dimmer |
| 23 | 0-255 | Fourth LEDs G 0-100% dimmer |
| 24 | 0-255 | Fourth LEDs B 0-100% dimmer |
| 25 | 0-255 | Fourth LEDs A 0-100% dimmer |



Warranty Card

| | | | |
|------|-------|------------|----------|
| Name | Model | Production | Purchase |
|------|-------|------------|----------|

| |
|---------------|
| End User |
| Company Name: |
| Add: |

| | |
|------------|-------|
| Sale Store | |
| Link man: | |
| 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 anymore. Company retains its right to change specifications related when product is improved. Thanks for your understanding.