The following points have to be considered during the inspection:

1. All screws for installing the devices or parts of the device have to be tightly connected and must not be corroded.

2. There must not be any deformations on the housing, color lenses, fixations and installation spots (ceiling, suspension, trussing).

3. Mechanically moved parts must not show any traces of wearing and must not rotate with unbalances.

4. The electric power supply cables must not show any damage, material fatigue or sediments.

Further instructions depending on the installation spot and usage have to be adhered by a skilled installer and any safety problems have to be removed.

## CAUTION!

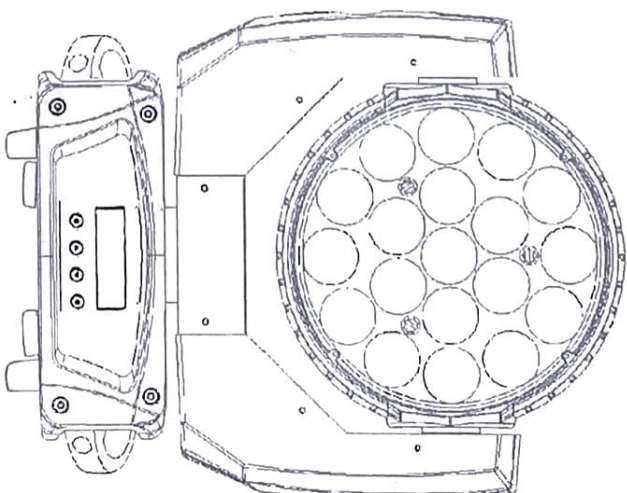Disconnect from mains before starting maintenance operation.

In order to make the lights in good condition and extend the life time, we suggest a regular cleaning to the lights.

1)  Clean the inside and outside lens each week to avoid the weakneness of the lights due to accumulation of dust.

2)  Clean the fan each week.

3)  A detailed electric check by approved electrical engineer each three month, make sure that the circuit contacts are in good condition,   prevent the poor contact of circuit from overheating.

We recommend a frequent cleaning of the device. Please use a moist, lint- free cloth. Never use alcohol or solvents. There are no serviceable parts inside the device. Please refer to the instructions under "Installation instructions".Should you need any spare parts, please order genuine parts from your local dealer

# LED ZOOM BEAM WASH
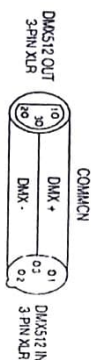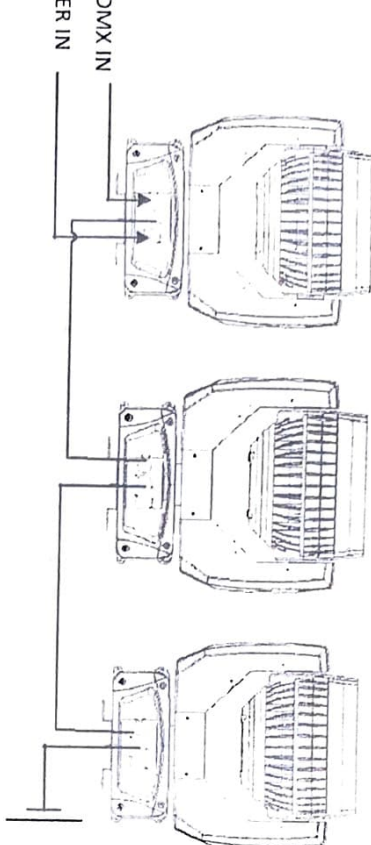## 19pcs 15W BGBW 4-in-1

CE F ⏚ IP20 LED⎓---0.2m ta.40℃ tc150℃

## User Manual

## KEEP THIS MANUAL FOR FUTURE NEEDS
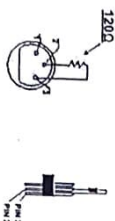
the provided XLR cable to the female 3-pin XLR output of your controller and the other side

le 3-pin XLR input of the moving head. You can chain multiple

eads be connected together through serial linking. The cable needed should be two core,

cable with XLR input and output connectors. Please refer to the diagram below. DMX-

ection with DMX terminator

DMX IN

ER IN

DMX Input
3-Pin XLR Socket

1 Ground
2 Data (-)
3 Data (+)

COMMON

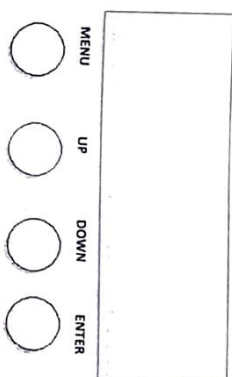DMX512 OUT
3-PIN XLR

DMX +
DMX -

DMX512 IN
3 PIN XLR

lations where the DMX cable has to run a long distance or is in an electrically noisy

ent, such as in a discotheque, it is recommended to use a DMX terminator. This helps in

g corruption of the digital control signal by electrical noise. The DMX terminator is simply an

with a 120 Ω resistor connected between pins 2 and 3,which is then plugged into the output

et of the last fixture in the chain. Please see illustrations below.

120Ω

Pin 3
Pin 2

# 6. Menu Operations

MENU    UP    DOWN    ENTER

## Operate instruction details

### 1、DMX Address Set
Press "Enter" to enter setting mode. Press "UP" or "DOWN" to adjust then press "Enter" to remain setting.

### 2、Work Mode Set
This is to set the work mode.
Press "Enter" to enter setting mode. Press "UP" or "DOWN" to adjust then press "Enter" to remain setting.
Work mode selectable:

DMX512
Slow
Fast
Sound
Slave

"DMX512" is for DMX512 controller mode, "Slow" and "Fast" is in Auto run mode.
"Sound" is for sound activated mode. "Slave" is for slave mode.

### 3、Invert PAN
Press "Enter" to enter setting mode. Press "UP" or "DOWN" to adjust.
"Yes" means invert rotate. "No" means no invert rotate.

### 4、Invert TILT
Press "Enter" to enter setting mode. Press "UP" or "DOWN" to adjust.
"Yes" means invert rotate. "No" means no invert rotate.

### 5、Display Set (Display backlight setting)
Press "Enter" to enter setting mode. Press "UP" or "DOWN" to adjust
"Yes" means the backlight keep open.
"No" means the backlight will close in 20 seconds without pressing and key and once pressing some key the backlight will reopen.

### 6、Channel Mode Set
Press "Enter" to enter setting mode. Press "UP" or "DOWN" to choose your mode.
24 CH Mode: 24 channels mode
16 CH Mode: 16 channels mode

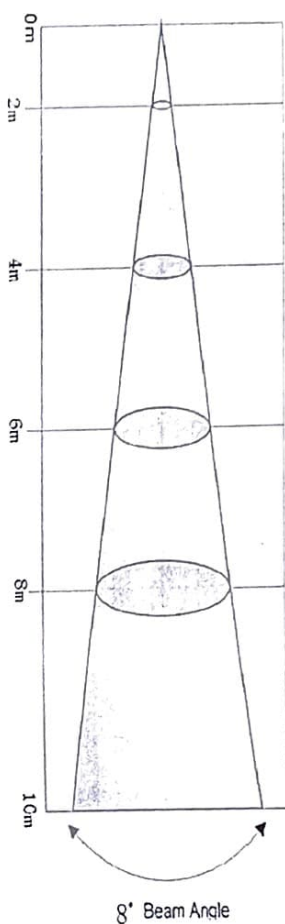### 7、Restore Factory Settings
Restore all the data to factory mode.

### 8、Reset
Press "Reset" and the fixture will rest after 3 seconds.

## LUX Data of 8 degree beam angle:
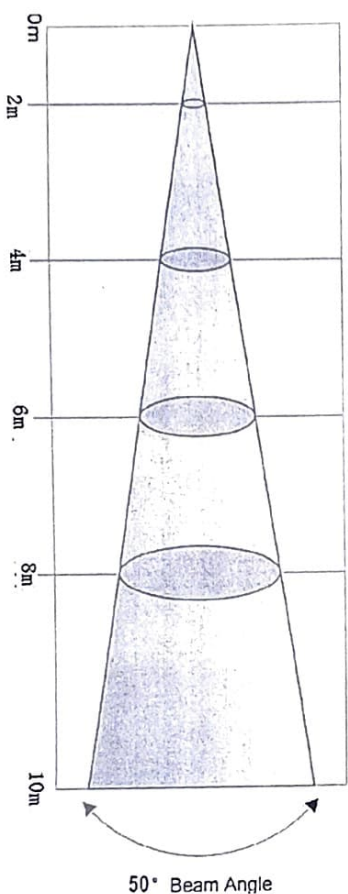
R........7200LUX@2m.........1900LUX@4m..........1000LUX@6m.........620LUX@8m

G........14800LUX@2m........3900LUX@4m..........1900LUX@6m.........1200LUX@8m

B........14800LUX@2m........3950LUX@4m..........1950LUX@6m.........1200LUX@8m

W........15200LUX@2m........3850LUX@4m..........1950LUX@6m.........1200LUX@8m

RGBW....41100LUX@2m........10000LUX@4m.........4600LUX@6m.........2550LUX@8m



8° Beam Angle

## LUX Data of 50 degree beam angle:

R........1150 LUX@2m........310 LUX@4m..........200 LUX@6m.........110 LUX@8m

G........2450 LUX@2m........100 LUX@4m..........350 LUX@6m.........180 LUX@8m

B........2450 LUX@2m........710 LUX@4m..........350 LUX@6m.........200 LUX@8m

W........2350 LUX@2m........700 LUX@4m..........320 LUX@6m.........200 LUX@8m

RGBW....6600 LUX@2m........2000 LUX@4m.........1200 LUX@6m.........700 LUX@8m



50° Beam Angle

## 9.Key Features

Source: 19pcs 15W high brightness RGBW 4-in-1 LEDs

Working lifetime: 100,000 hours with low power consumption

Channel: 16/24 channels with macro effects

Control: DMX512/Master-slave/Auto/Sound

Strobe: 1-25 times/second

PAN: 540 degree with 16bit rotate

Tilt: 270 degree with 16bit rotate

Beam angle: 8-50 degrees

Color: RGBW infinite mixture

Dimmer: 0-100% linear dimming system

Display: LCD blue display.

Protection: Auto temperature control system with big cooling fan.

Quiet, smooth and fast PAN/TILT movement

Low noise and efficient FAN cooling system

Built-in pre-programs with macro effects.

IEC power connector

45℃ max ambient temperature

IP20 protection rating

3-Pin XLR DMX input/output

Function: With LED shutter, scan position memory and auto reposition.

LED rainbow effect. LED in circle. Smooth and fast speed, super low noise.

Perfectly suitable for stage, theatre, TV studio, rental, DISCO and more

Packing details for 1pc/ctn

Net Weight: 7.5 Kg

Gross Weight: 9.3 Kg

Carton Package Size: 38*26*47.5 cm

you for choosing our products. For your own safety, please read this manual before

the device. This manual covers the important information on installation and applications.

stall and operate the fixture with following instructions. Meanwhile, please keep this

ell for future needs.

ıre is made of a new type of high temperature strength of engineering plastics and cast

casing with nice outlook. The fixture is designed and manufactured strictly following CE

:, complying with international standard DMX512 protocol. It's available independently

and linkable with each other for operation. And it is applicable for large-scale live

ices, theater, studio, nightclubs and discos.

LEDs(RGBW) which features high brightness and stability. Please carefully unpack it

receive the fixture and check whether it is damaged during the transportation. And please

ether the following items are included inside the box:

ead——One      Signal Cable——One

3racket——Two      Power Cable——One

ual——One

## 9. Key Features

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Carton Package Size: 38*26*47.5 cm

## 24 Channels mode:

| CH | Function | DMX | Description |
|---|---|---|---|
| 1 | Pan | 0-255 | 0-540 degree |
| 2 | Pan Fine | 0-255 | 16 bit |
| 3 | Tilt | 0-255 | 0-270 degree |
| 4 | Tilt Fine | 0-255 | 16 bit |
| 5 | Pan/Tilt Speed | 0-255 | Speed from fast to slow |
| 6 | ZOOM | 0-255 | ZOOM |
| 7 | Dimmer | 0-255 | Linear dimmer from dark to bright |
| 8 | Strobe | 0-3 | No function |
|  |  | 4-95 | Strobe with the same step from slow to fast |
|  |  | 96-176 | Random Strobe |
|  |  | 177-255 | Thunder Strobe |
| 9 | R1 dimming | 0-255 | Area 1 Red dimmer from dark to bright |
| 10 | G1 dimming | 0-255 | Area 1 Green dimmer from dark to bright |
| 11 | B1 dimming | 0-255 | Area 1 Blue dimmer from dark to bright |
| 12 | W1 dimming | 0-255 | Area 1 White dimmer from dark to bright |
| 13 | R2 dimming | 0-255 | Area 2 Red dimmer from dark to bright |
| 14 | G2 dimming | 0-255 | Area 2 Green dimmer from dark to bright |
| 15 | B2 dimming | 0-255 | Area 2 Blue dimmer from dark to bright |
| 16 | W2 dimming | 0-255 | Area 2 White dimmer from dark to bright |
| 17 | R3 dimming | 0-255 | Area 3 Red dimmer from dark to bright |
| 18 | G3 dimming | 0-255 | Area 3 Green dimmer from dark to bright |
| 19 | B3 dimming | 0-255 | Area 3 Blue dimmer from dark to bright |
| 20 | W3 dimming | 0-255 | Area 3 White dimmer from dark to bright |
| 21 | Built-in effect show | 0-24 | Built-in effect 1 |
|  |  | 25-49 | Built-in effect 2 |
|  |  | 50-74 | Built-in effect 3 |
|  |  | 75-124 | Built-in effect 4 |
|  |  | 125-149 | Built-in effect 5 |
|  |  | 150-174 | Built-in effect 6 |
|  |  | 175-199 | Built-in effect 7 |
|  |  | 200-224 | Built-in effect 8 |
|  |  | 225-255 | Built-in effect 9 |
| 22 | Effect speed | 0-255 | From fast to slow |
| 23 | Macro function(Please operate against CH 21 and CH 22) | 0-49 | Effect show (Built-in effect) |
|  |  | 50-99 | CH 1 to CH 12 workable |
|  |  | 100-149 | Auto run 1 |
|  |  | 150-199 | Auto run 2 |
|  |  | 200-255 | Sound activated |
| 24 | Reset | 0-99 | No function |
|  |  | 100-250 | No function |
|  |  | 251-255 | Reset and workable after 3 seconds |

## 16 Channels mode:

| CH | Function | DMX Value | Description |
|---|---|---|---|
| 1 | Pan | 0-255 | 0-540 degree |
| 2 | Pan Fine | 0-255 | 16 bit |
| 3 | Tilt | 0-255 | 0-270 degree |
| 4 | Tilt Fine | 0-255 | 16 bit |
| 5 | Pan/Tilt Speed | 0-255 | Speed from fast to slow |
| 6 | Dimmer | 0-255 | Linear dimmer from dark to bright |
| 7 | Strobe | 0-3 | No function |
|  |  | 4-95 | Strobe with the same step from slow to fast |
|  |  | 96-176 | Random Strobe |
|  |  | 177-255 | Thunder Strobe |
| 8 | R dimming | 0-255 | Red dimming from dark to bright |
| 9 | G dimming | 0-255 | Green dimming from dark to bright |
| 10 | B dimming | 0-255 | Blue dimming from dark to bright |
| 11 | W dimming | 0-255 | White dimming from dark to bright |
| 12 | ZOOM | 0-255 | ZOOM |
| 13 | Built-in effect show | 0-24 | Built-in effect 1 |
|  |  | 25-49 | Built-in effect 2 |
|  |  | 50-74 | Built-in effect 3 |
|  |  | 75-124 | Built-in effect 4 |
|  |  | 125-149 | Built-in effect 5 |
|  |  | 150-174 | Built-in effect 6 |
|  |  | 175-199 | Built-in effect 7 |
|  |  | 200-224 | Built-in effect 8 |
|  |  | 225-255 | Built-in effect 9 |
| 14 | Effect speed | 0-255 | From fast to slow |
| 15 | Macro function(Operate against CH 21 and CH 22) | 0-49 | Effect show (Built-in effect) |
|  |  | 50-99 | CH 1 to CH 12 workable |
|  |  | 100-149 | Auto run 1 |
|  |  | 150-199 | Auto run 2 |
|  |  | 200-255 | Sound activated |
| 16 | Reset | 0-99 | No function |
|  |  | 100-250 | No function |
|  |  | 251-255 | Reset and workable after 3 sec |