

# 311W beam moving head light

## User manual



## 1. Maintenance

To reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.

Intermittently using will extend this item's service life.

Please clear the fan ,fan net , and optical lens in order to keep good work state.

Do not use the alcohol or any other organic solvent to wipe the shell.

## 2. Statement

The product has perfect performance and integrity packing. All users should be strictly complying with the warning and operating instructions as stated. Or we aren't

in charge of any result by misusing. Any damage resulting by misuse is not within the

Company's warranty. Any fault or problem caused by neglecting the manual is also

not in the charge of dealers.

**Note:** All information is subject to change without prior notice.

## 3. Safety Precaution

In order to guarantee the product's life, please don't put it in the damp places or

even the environment over 60degrees.

Always mount this unit in safe and stable matter.

Install or dismantle should operate by professional engineer.

Using lamp , the change rate of power voltage should be within $\pm 10\%$  , If the

voltage is too high, it will shorten the light's life; If it's not enough, will influence the effect.

Please restart it 20 minutes later after turning off light , until full-cooling. Frequent switching will reduce the life span of lamps and bulbs; intermittent using will improve the life of bulbs and lamps.

In order to make sure the product is used well, please read the Manual carefully.

## Rigging (Optional)

This equipment can be positioned and fixed by clamp in every direction of the stage.

Locking system makes it easy to fasten to the bracket.

Attention! Two clamps is needed to fix the equipment. Every clamp is locked by fastener of 1/4 kind. Fastener can only be locked clockwise.

Attention! Fasten a safety string to the additional hole of side aluminum piece.

The secondary accessory can not hang on the delivery handle. Nip the equipment on bracket.

Check if rigging clamp (not including the one inside) damaged or not? If stand ten times weight as the equipment. Make sure the architecture can stand ten times

weight as all the equipment, clamps, wiring and other additional fixtures.

Screws for clamping must be fixed firmly. Take one M12 screw (Grade 8.8 or higher) to clamp bracket, and then screw the nuts.

Level the two hanging points at the bottom of clamp. Insert fastener to the bottom, lock the two levers by 1/4 rotating clockwise; then install another clamp.

Install on safety string which stands at least ten times weight as equipment. Terminal of the accessory is designed for clamps.

Make sure pan/tilt lock unlocked or not. Keep the distance more than 1M from equipment to flammable material or lighting source.

#### **4. Product Instruction**

Voltage:AC 100~240V, 50/60Hz

Max Power Consumption: 450W

Light source:OSRAM SIRIUS HRI 311W

Pan movement: Max 540°, with pan fine

Tilt movement: Max 270°, with tilt fine

Pan/Tilt :Automatic Correction

Beam angle:2°

Color Wheel:14 colors + open with Split

Colors and Rainbow effect

Gobo Wheel(fixed) 16 gobos + open,

Rainbow effect +Gobo shake

Prism: 8 + 16-facet prism, CW/CCW rotation

Focus: 0-100% Motorized focus

Dimming: 0-100% Mechanical Linear dimming

Strobe: 0-13times/second

Frost: 100% frost

Control mode: DMX, Master/slave,

Sound active, Standalone

Channel mode.: 16CH

Display LCD color touch display + button

Fixture Size: 320x272x565mm

Carton Size: 480x420x600mm 1pcs/ctn

Net Weight.: 17.0KG

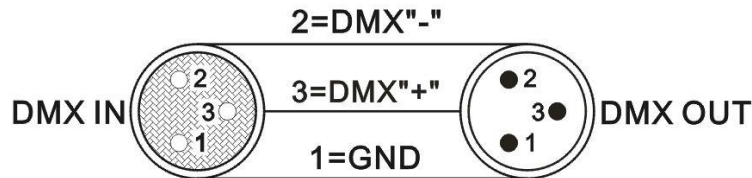
Gross Weight.:18.5Kgs

#### **Power supply connection**

The equipment can be used in the wide voltage input. Please make sure the voltage is the scale of rated voltage when connecting the power.The equipment can adapt to 100V to 240 V AC voltage and 50-60 Hz.

## DMX Signal Connection

1. Use DMX512 controller, use the DMX signal ( male ) to plug into the first lamp(female) 3 pin。
2. Put out of the equipment of the first signal wire(head),connected to the equipment of the next
- 3 pin plug(female),so on.See belowed pictures.



## 5.Channel list:16CH

CHANNEL	DETAILS	
	description	VALUE
1	PAN	0-540
2	TILT	0-270
3	PAN FINE	
4	TILT FINE	
5	PAN &TILT SPEED	FROM SLOW TO FAST
6	FROST	128-255 FROST
7	STROBE	0-100%
8	DIMMER	0-100%
9	COLOR	COLOR CHANGE
10	GOBO WHEEL	GOBO CHANGE
11	PRISM	64-127 PRISM 1 128-191 PRISM 2 192-255 PRISM 1+2
12	PRISM 1 ROTATION	FROM SLOW TO FAST
13	PRISM 2 ROTATION	FROM SLOW TO FAST
14	MUILT COLOR	MUILT COLOR CHANGE
15	ZOOM	0-100%
16	LAMP CONTROL&RESET	100-105 LAMMP OFF 200-205 LAMMP ON 240-255 RESET