

Four Heads Moving Head Light



(4×40W RGBW 4IN1 LED)

User manual

Please read this user manual before using this product



I. Checking before using

No.	Item	Quantity	Unit
1	Four heads moving head light	1	piece
2	0.75m ² power cable with blue head	1	piece
3	User manual	1	piece
4	Bracket	2	pieces

★ For the sake of safety and under the terms, it does not allow unauthorized restructuring or modification of this product. Please note that improper use and human damage caused by this product, it can not be covered by our warranty. Also, unprofessional operations will cause short circuits, burns or shocks, and more either.

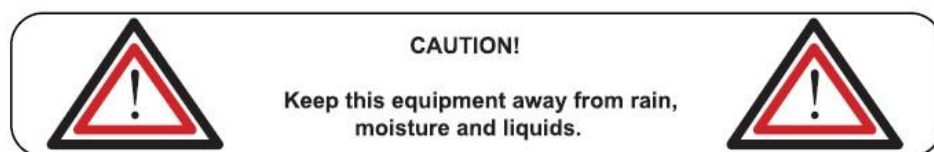
★The machine has been rigorously tested before shipment. Please comply with the instructions of the operation requirements, to ensure the product can be running safely under normal circumstances.

★Any damage caused by improper operation will result in the termination of the warranty claim. We are not accept any property lost and responsibility of human being improper use and unprofessional operation.

★Please place user manual in a safe place for reference. After selling,renting or carrying, you can give it to new owner.

★Attention: Base on our products keep improving by our company,our user manual data is subject to change without notice. We will remain rights of changing product specification.

II. Safety Instruction



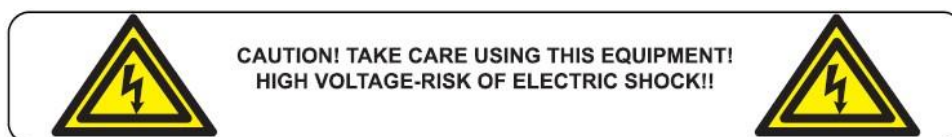
1. When opening the packing, take all accessories out, and remove the light to a horizontal table for good operation. First check whether the accessories are complete, then check carefully whether the whole light has no damage. If there is any damage, please contact us as soon as possible.

2. AC Power: Check whether the local power supply is accordance with the requirements of the product rated voltage.

3. The product is only suitable for indoor working environment. The light should keep dry, keep away from wet, overheat or dusty environment. Don't come into contact with water and other liquids to prevent or reduce the risk of electric shock or fire.

4. Please do not install the light directly on the surface of the combustible substance.
5. The people who install, operate and maintain of light professional certificate required.
6. When there are faults of the light, please stop using the light immediately. Don't try to repair, please contact the nearest authorized technical assistance center, if the parts damage, always use the same type of parts replaced.
7. Don't touch any electrical wiring in the process of operation to prevent the risk of electric shock.
8. To make sure the light working environment temperature, the highest do not exceed 40 °C, the lowest do not exceed - 20 °C.
9. Under the stable cooling working situation, the highest temperature of the housing of the light can reach 80 °C, please do not touch.
10. The light is design according to the type of electric shock protection. The light should be use in good connection grounding power system and the ground wire must connect with the ground wire of the power supply system. The earth sign port of the light should be connected to the installing fixtures.
11. Do not use the damage of the insulating layer wire and also do not use the power cord overlap on the other wire. When not in use or clean the light, please disconnect the power, don't pull the plug in hard or just drag the wires.
12. There are no components inside for maintenance. Before start operation the light, please check whether all of the shell is installed. In the case of the shell open used the light is prohibited.

Note: Under any installation, maintenance and clean the light, please confirm that has cut off the power cord!

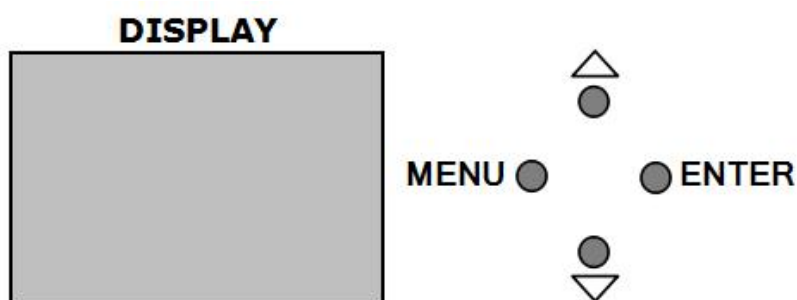


III. Product specification

Category	Parameter			
Voltage	AC100~240V, 50/60HZ			
Power Consumption	200W			
LED Source	4pcs 40W RGBW 4in1 LED			
DMX Channel	6CH, 10CH, 19CH, 32CH and 56CH			
Illuminance	Color	@1M	@2M	Unit

	R1	24000	11500	Lux
	G1	50000	18000	
	B1	80000	27000	
	W1	68000	26000	
Pan	0~540°			
Tilt	0~205°			
Display	2.4inch TFT LCD display			
Fuse	F3AL250V			
Control mode	<input checked="" type="checkbox"/> DMX <input checked="" type="checkbox"/> Master/slave <input checked="" type="checkbox"/> Sound control <input checked="" type="checkbox"/> Auto run			
Size	100*26*9CM			
N.W.	11kg			

IV. Display menu



Item	SQ	Silkscreen	Function
Button:	①	MENU	Enter/check menu
	②	Δ	Check the last menu
	③	▽	Check the next menu
	④	ENTER	Enter/check menu

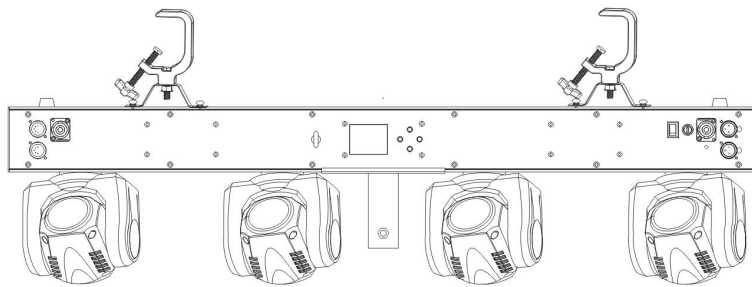
V. Lighting installation

1. How to install

(1) Be mounted on the truss, etc.

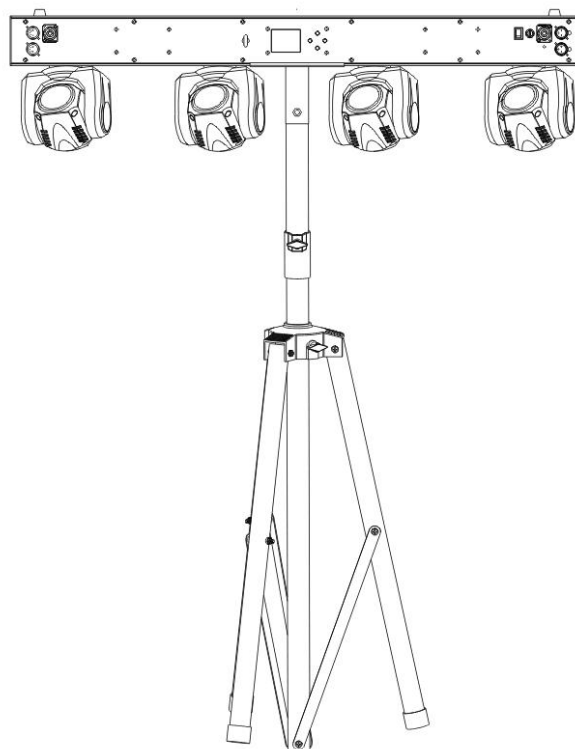
Be mounted the light with 2pcs bracket (including in the package) and 2pcs clamps (purchased from the company or the local market) on the truss, etc. It is important to tighten up the brackets and clamps.

Completed as shown below, different kinds of lighting effect can be achieved according to the needs and configuration of multiple lighting fixture, like making the lights be lined up or form the circle.



(2) Hung up on the stand.

Install the light according to the below figure. Stands can be bought from us or from the local market. There are 1.8m and 2.5m stands available for purchase



VI. Display Main Function:

System Settings			
Menu	Options and settings		Function description
DMX Address	001→512		DMX address code
DMX Channel	DMX 6Ch/10Ch/19Ch/32Ch/56Ch		Channel mode set
Slave Mode	Slave 1		SL 1
	Slave 2		SL 2
	Slave 3		SL 3
	Slave 4		SL 4
Auto Mode	Program	00	Random show
		01-16	Show mode 1-16
	Speed	00→99	Slow to fast
Sound Mode	Program	00	Random sound control performance
		01-16	Sound control mode 1-16
	Sense	00	No sound control
		01-99	Sound control sensitivity: 1 (low)-99 (high)
Pan Inverse	All Head	No/Yes	Yes: All Heads Pan Inverse
	Head1	No/Yes	Yes: Head1 Pan Inverse
	Head2	No/Yes	Yes: Head2 Pan Inverse
	Head3	No/Yes	Yes: Head3 Pan Inverse
	Head4	No/Yes	Yes: Head4 Pan Inverse
Tilt Inverse	All Head	No/Yes	Yes: All Heads Tilt Inverse
	Head1	No/Yes	Yes: Head1 Tilt Inverse
	Head2	No/Yes	Yes: Head2 Tilt Inverse
	Head3	No/Yes	Yes: Head3 Tilt Inverse
	Head4	No/Yes	Yes: Head4 Tilt Inverse
Settings	Resetting		Reset

	Display	On/Off	Display on/off
	Display Rev	On/Off	On: Display reverse
	Firmware	V1.0	Version
	Function Test	Test	Auto Test

VII. How to operate

Here are three ways to operate:

★Master/slave build-in program to control

①Connecting all the lights with DMX signal cable. To prevent interference, it's best to connect less than or equal to 17 units at a time. The program would work in Master/slave mode automatically by default. (The machines will automatically choose the main and slave ones if all in master status.)

②Specify one of the lighting fixture as the master one, and setting the rest as the slave ones. All the slave machines will work following the master machine.

Master mode: Auto Mode or Sound Mode→Show00-16

Slave mode option: Slave

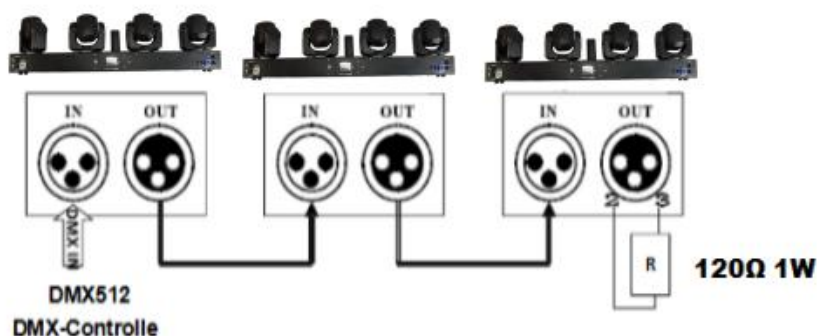
③DMX controller

VIII. DMX Controller

If control the lights by DMX controller, address code must be set first. The address code value is between 1 to 512, and the lights can receive the DMX signal accordingly.

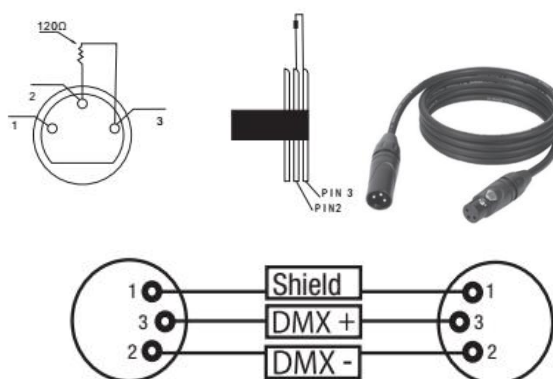
Press “MENU”, select “DMX Address” menu option, then press “ENTER”. Use ▽/△ to select **DMX512** address code. Our initial address code is 001. After setting it, press the **ENTER** to save.

Connect the DMX512 console output port to the first slave device DMX input port, and connect the first slave device DMX output port to the second slave device DMX input port, until all slave connections are complete.



DMX Connection required terminal device (Loop connection)

In the installation process, if the DMX cable laid in a long distance, or the machines are in noisy environment, such as KTV or Dancing Hall, the DMX terminal (loop connection) is recommended. This can avoid the turbidity of digital control signals caused by electrical noise. The DMX terminal is made up of a simple **XLR** connector (2-pin and 3-pin) connecting to a **120Ω** resistor. Please insert the terminal into the XLR output port of the last product.



VII. Chanel mode instruction(choose DMX 001 default address code)

[Sheet 1] DMX Channel (6CH)

CH	Function	Value	Function
1	Master Dimmer	000-255	All LED Dimmer
2	Strobe	000-010	No Strobe
		011-255	Strobe from slow to fast
3	Show Mode/Sound Control Mode	000-007	No function
		008-022	Show 1
		023-037	Show 2
		038-052	Show 3
		053-067	Show 4
		068-082	Show 5
		083-097	Show 6

		098-112	Show 7
		113-127	Show 8
		128-142	Show 9
		143-157	Show 10
		158-172	Show 11
		173-187	Show 12
		188-202	Show 13
		203-217	Show 14
		218-232	Show 15
		233-247	Show 16
		248-255	Sound control mode
4	Speed/ Sensitivity	000-255	Show mode speed, slow - fast
			Sound control sensitivity, low - high
5	Color Macro	000-030	Color chasing (color changing)
		031-255	Color selection(See color macro table)
6	Color Chasing Speed	000-255	Color chasing, slow - fast

[Sheet 2] DMX Channel (10CH)

CH	Function	Value	Function
1	Pan	000-255	Pan 0-540°
2	Tilt	000-255	Tilt 0-205°
3	Master Dimmer	000-255	All LED Dimmer
4	Strobe	000-010	No Strobe
		011-255	Strobe from slow to fast
5	Show Mode/Sound	000-007	No function

		008-022	Show 1
		023-037	Show 2
		038-052	Show 3
		053-067	Show 4
		068-082	Show 5
		083-097	Show 6
		098-112	Show 7
		113-127	Show 8
		128-142	Show 9
		143-157	Show 10
		158-172	Show 11
		173-187	Show 12
		188-202	Show 13
		203-217	Show 14
		218-232	Show 15
		233-247	Show 16
		248-255	Sound control mode
6	Speed/ Sensitivity	000-255	Show mode speed, slow - fast
			Sound control sensitivity, low - high
7	Color Macro	000-030	Color chasing (color changing)
		031-255	Color macro(See color macro table)
8	Color Chasing Speed	000-255	Color chasing, slow - fast
9	Pan Fine	000-255	Pan fine
10	Tilt Fine	000-255	Tilt fine

[Sheet 3] DMX Channel (19CH)

CH	Function	Value	Function	
1	Master Dimmer	000-255	0-100% linear dimmer from dark to brighter	
2	Strobe	000-010	No Strobe	
		011-255	Strobe from slow to fast	
3	Red	000-255	Red 0-100% linear dimmer from dark to brighter	
4	Green	000-255	Green 0-100% linear dimmer from dark to brighter	
5	Blue	000-255	Blue 0-100% linear dimmer from dark to brighter	
6	White	000-255	White 0-100% linear dimmer from dark to brighter	
7	Pan 1	000-255	Pan 1 0-540°	Head 1
8	Tilt 1	000-255	Tilt 1 0-205°	
9	LED1 Dimmer	000-255	LED1 0-100% linear dimmer from dark to brighter	
10	Pan 2	000-255	Pan 2 0-540°	Head 2
11	Tilt 2	000-255	Tilt 2 0-205°	
12	LED2 Dimmer	000-255	LED2 0-100% linear dimmer from dark to brighter	
13	Pan 3	000-255	Pan 3 0-540°	Head 3
14	Tilt 3	000-255	Tilt 3 0-205°	
15	LED3 Dimmer	000-255	LED3 0-100% linear dimmer from dark to brighter	
16	Pan 4	000-255	Pan 4 0-540°	Head 4
17	Tilt 4	000-255	Tilt 4 0-205°	
18	LED4 Dimmer	000-255	LED4 0-100% linear dimmer from dark to brighter	
19	P/T Speed	000-255	P/T speed, fast - slow	

[Sheet 4] DMX Channel (32CH)

CH	Function	Value	Function	
1	Master Dimmer	000-255	0-100% linear dimmer from dark to brighter	
2	Strobe	000-010	No Strobe	
		011-255	Strobe from slow to fast	
3	Pan 1	000-255	Pan 1 0-540°	Head 1
4	Pan 1 Fine	000-255	Pan 1 fine	
5	Tilt 1	000-255	Tilt 1 0-205°	
6	Tilt 1 Fine	000-255	Tilt 1 fine	
7	P/T 1 Speed	000-010	Fastest speed	
		011-255	P/T speed, fast - slow	
8	LED1 Color	000-030	Use CH29-CH32 to control colour	
		031-255	Color Macro(See color macro table)	
9	Pan 2	000-255	Pan 2 0-540°	Head 2
10	Pan 2 Fine	000-255	Pan 2 fine	
11	Tilt 2	000-255	Tilt 2 0-205°	
12	Tilt 2 Fine	000-255	Tilt 2 fine	
13	P/T 2 Speed	000-010	Fastest speed	
		011-255	P/T speed, fast - slow	
14	LED2 Color	000-030	Use CH29-CH32 to control colour	
		031-255	Color Macro(See color macro table)	
15	Pan 3	000-255	Pan 3 0-540°	Head 3
16	Pan 3 Fine	000-255	Pan 3 fine	
17	Tilt 3	000-255	Tilt 3 0-205°	
18	Tilt 3 Fine	000-255	Tilt 3 fine	
19	P/T 3 Speed	000-010	Fastest speed	
		011-255	P/T speed, fast - slow	

20	LED3 Color	000-030	Use CH29-CH32 to control colour	
		031-255	Color Macro(See color macro table)	
21	Pan 4	000-255	Pan 4 0-540°	Head 4
22	Pan 4 Fine	000-255	Pan 4 fine	
23	Tilt 4	000-255	Tilt 4 0-205°	
24	Tilt 4 Fine	000-255	Tilt 4 fine	
25	P/T 4 Speed	000-010	Fastest speed	
		011-255	P/T speed, fast - slow	
26	LED4 Color	000-030	Use CH29-CH32 to control colour	
		031-255	Color Macro(See color macro table)	
27	Reset/Sound Control	000-199	No function	
		200-209	Reset	
		210-240	No function	
		241-255	Sound control mode	
28	Sound Sensitivity	000-255	Sound control sensitivity, low - high	
29	Red	000-255	Red 0-100% linear dimmer from dark to brighter	
30	Green	000-255	Green 0-100% linear dimmer from dark to brighter	
31	Blue	000-255	Blue 0-100% linear dimmer from dark to brighter	
32	White	000-255	White 0-100% linear dimmer from dark to brighter	

[Sheet 5] DMX Channel (56CH)

CH	Function	Value	Function	
1	Pan 1	000-255	Pan 1 0-540°	Head1
2	Pan 1 Fine	000-255	Pan 1 fine	
3	Tilt 1	000-255	Tilt 1 0-205°	

4	Tilt 1 Fine	000-255	Tilt 1 fine
5	P/T 1 Speed	000-255	P/T speed, fast - slow
6	LED1 Dimmer	000-255	0-100% linear dimmer from dark to brighter
7	LED1 Strobe	000-010	No Strobe
		011-255	Strobe from slow to fast
8	LED1 Color	000-030	Use CH10-CH13 to control colour
		031-255	Color Macro(See color macro table)
9	LED1 Show Mode/Reset	000-007	No function
		008-030	Show mode 1
		031-053	Show mode 2
		054-076	Show mode 3
		077-099	Show mode 4
		100-122	Sound control mode
		123-199	No function
		200-224	Reset
		225-255	No function
10	Speed/ Sensitivity	000-255	Show mode speed, slow - fast
			Sound control sensitivity, low - high
11	Red 1	000-255	Red 0-100% linear dimmer from dark to brighter
12	Green 1	000-255	Green 0-100% linear dimmer from dark to brighter
13	Blue 1	000-255	Blue 0-100% linear dimmer from dark to brighter
14	White 1	000-255	White 0-100% linear dimmer from dark to brighter

15	Pan 2	000-255	Pan 2 0-540°	Head2
16	Pan 2 Fine	000-255	Pan 2 fine	
17	Tilt 2	000-255	Tilt 2 0-205°	
18	Tilt 2 Fine	000-255	Tilt 2 fine	
19	P/T 2 Speed	000-255	P/T speed, fast - slow	
20	LED2 Dimmer	000-255	0-100% linear dimmer from dark to brighter	
21	LED2 Strobe	000-010	No Strobe	
		011-255	Strobe from slow to fast	
22	LED2 Color	000-030	Use CH25-CH28 to control colour	
		031-255	Color Macro(See color macro table)	
23	LED2 Show Mode/Reset	000-007	No function	
		008-030	Show mode 1	
		031-053	Show mode 2	
		054-076	Show mode 3	
		077-099	Show mode 4	
		100-122	Sound control mode	
		123-199	No function	
		200-224	Reset	
		225-255	No function	
24	Speed/ Sensitivity	000-255	Show mode speed, slow - fast	
			Sound control sensitivity, low - high	
25	Red 2	000-255	Red 0-100% linear dimmer from dark to brighter	

26	Green 2	000-255	Green 0-100% linear dimmer from dark to brighter	
27	Blue 2	000-255	Blue 0-100% linear dimmer from dark to brighter	
28	White 2	000-255	White 0-100% linear dimmer from dark to brighter	
29	Pan 3	000-255	Pan 3 0-540°	Head3
30	Pan 3 Fine	000-255	Pan 3 fine	
31	Tilt 3	000-255	Tilt 3 0-205°	
32	Tilt 3 Fine	000-255	Tilt 3 fine	
33	P/T 3 Speed	000-255	P/T speed, fast - slow	
34	LED3 Dimmer	000-255	0-100% linear dimmer from dark to brighter	
35	LED3 Strobe	000-010	No Strobe	
		011-255	Strobe from slow to fast	
36	LED3 Color	000-030	Use CH39-CH42 to control colour	
		031-255	Color Macro(See color macro table)	
37	LED3 Show Mode/Reset	000-007	No function	
		008-030	Show mode 1	
		031-053	Show mode 2	
		054-076	Show mode 3	
		077-099	Show mode 4	
		100-122	Sound control mode	
		123-199	No function	
		200-224	Reset	
		225-255	No function	

38	Speed/ Sensitivity	000-255	Show mode speed, slow - fast	
			Sound control sensitivity, low - high	
39	Red 3	000-255	Red 0-100% linear dimmer from dark to brighter	
40	Green 3	000-255	Green 0-100% linear dimmer from dark to brighter	
41	Blue 3	000-255	Blue 0-100% linear dimmer from dark to brighter	
42	White 3	000-255	White 0-100% linear dimmer from dark to brighter	
43	Pan 4	000-255	Pan 4 0-540°	Head4
44	Pan 4 Fine	000-255	Pan 4 fine	
45	Tilt 4	000-255	Tilt 4 0-205°	
46	Tilt 4 Fine	000-255	Tilt 4 fine	
47	P/T 4 Speed	000-255	P/T speed, fast - slow	
48	LED4 Dimmer	000-255	0-100% linear dimmer from dark to brighter	
49	LED4 Strobe	000-010	No Strobe	
		011-255	Strobe from slow to fast	
50	LED4 Color	000-030	Use CH56-CH56 to control colour	
		031-255	Color Macro(See color macro table)	
51	LED4 Show Mode/Reset	000-007	No function	
		008-030	Show mode 1	
		031-053	Show mode 2	
		054-076	Show mode 3	
		077-099	Show mode 4	
		100-122	Sound control mode	

		123-199	No function	
		200-224	Reset	
		225-255	No function	
52	Speed/ Sensitivity	000-255	Show mode speed, slow - fast	
			Sound control sensitivity, low - high	
53	Red 4	000-255	Red 0-100% linear dimmer from dark to brighter	
54	Green 4	000-255	Green 0-100% linear dimmer from dark to brighter	
55	Blue 4	000-255	Blue 0-100% linear dimmer from dark to brighter	
56	White 4	000-255	White 0-100% linear dimmer from dark to brighter	

[Sheet 6] LED Color Macro

Color Macro Table	
031-045	R(Red)
046-060	G(Green)
061-075	B(Blue)
076-090	W(White)
091-105	RG
106-120	RB
121-135	RW
136-150	GB
151-165	GW
166-180	BW
181-195	RGB
196-210	RGW
211-225	RBW
226-240	GBW
241-255	RGBW

X. Product maintenance and cleaning

Please note the following points when testing this product:

- ★All the screws and parts for installing must be tightly connected and cannot be rusted;
- ★Housings, lenses, fixtures and mounting locations (e.g ceilings, hangers, trusses, etc.) must not be deformed;
- ★The power cable must not be damaged. The installation and use must be operated by trained professional technicians and it must ensure that safety hazards are eliminated.

The installation and use of the product must be carried out by trained professional technicians, and it must be ensured that safety hazards are eliminated.

Note: Please unplug the power cable before doing product maintenance!
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It is very important to keep machine clean and dry. Before unlock the machine or start maintenance, you should keep the machine power off and unplug. Keep cleaning regularly can make the light have max brightness and also can extend its use time. We suggest to use good glass cleaner and clean it with a soft cloth. Can not use alcohol or chemical solvents under any circumstances. The interior of the machine and the fan should be cleaned at least once every season by using a vacuum cleaner.