



100W LED Moving Head 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 °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, 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 have to clean it weekly especially the cooling air opening, otherwise the dust will plug leading to poor light

2 TECHNOLOGY REFERENCE

Working voltage: AC95V-245V/50Hz

Power sumption:100W

Light source: 1pcs 100w white led

Control mode:DMX512,auto,sound,master-slave

Channel: 14/10CH

Dimmer:0-100% super dimmer

Strobe: 25 times per second

3 Board Instruction

Addr	A001-A512 address
CHnd	14chanel
	10chanel
SLnd	SI01 (SLAVE MODE)
	Auto
	Sound
Shnd	Sh 0
	Sh 1
	Sh 2
	Sh 3
Sens	10-100(Sound control sensitivity)

Led	OFF
	ON
Disp	OFF Reverse screen closing
	ON Screen on in reverse
rPan	OFF Horizontal reverse shutdown
	NO Horizontal reverse opening
rtiL	OFF Vertical reverse closure
	NO Vertical reverse opening
Faet	YES
temp	Test temperature

4 DMX CHANNEL SHEET

14CH	DMX Value	Function
1	0-255	Total dimmer
2	Strobe	
	0-10	Closed
	11-255	Strobe open, speed to fast
3	0-255	Pan Movement
4	0-255	Pan Fine Movement
5	0-255	Tilt Movement
6	0-255	Tilt Fine Movement
7	0-255	Pan Tilt Movement speed control, from fast to slow
8	Color wheel	
	0-9	White

	10-19	Color1
	20-29	Color2
	30-39	Color3
	40-49	Color4
	50-59	Color5
	60-69	Color6
	70-79	Color7
	80-167	Color deceleration forward flowing water
	168-255	Color accelerated reverse flow
9	Gobo wheel	
	0-9	White
	10-19	Gobo1
	20-29	Gobo2
	30-39	Gobo3
	40-49	Gobo4
	50-59	Gobo5
	60-69	Gobo6
	70-79	Gobo7
	80-167	Gobo deceleration forward flowing water
	168-255	Gobo accelerated reverse flow
10	Prism	
	0-127	Prism closed
	128-156	Prism open
	157-255	Prism rotation
11	Ring control	
	0-9	No function
	10-19	Red
	20-29	Green
	30-39	Blue
	40-49	Yellow
	50-59	Cyan
	60-69	Purple

	70-79	White
	80-89	Auto effect1
	90-99	Auto effect2
	100-109	Auto effect3
	110-119	Auto effect4
	120-129	Auto effect5
	130-139	Auto effect6
	140-149	Auto effect7
	150-159	Auto effect8
	160-169	Auto effect9
	170-179	Auto effect10
	180-189	Auto effect11
	190-199	Auto effect12
	200-209	Auto effect13
	210-219	Auto effect14
	220-229	Auto effect15
	230-239	Auto effect16
	240-249	Auto effect17
	250-255	Auto effect18
12	Auto	
	0-29	No function
	30-59	Auto1
	60-89	Auto2
	90-119	Auto3
	120-149	Auto4
	150-179	Sound1
	180-209	Sound2
	210-239	Sound3
	240-255	Sound4
13	0-255	Auto speed from slow to fast
14	Reset	
	0-249	No function

	250-255	Stay for 3 seconds and enter reset
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	200-209	Auto effect13
	210-219	Auto effect14
	220-229	Auto effect15
	230-239	Auto effect16
	240-249	Auto effect17
	250-255	Auto effect18
10	Reset	
	0-249	No function
	250-255	Stay for 3 seconds and enter reset

5 DIFFICULTY RESOLUTION

The following is a list of problems and resolution, and other malfunction preparing work should be professionally qualified staff to deal with.

1. Bulb not working

- a) Check whether approaching the service life of light bulbs, then change it
- b) Check whether bulbs circuitry leak, loss or connect poorly

2. Beam appears bleak

- a) The bulbs maybe approach the service life, then change it, or the optical components are unclean.
- b) Bulbs have accumulation of dust, so the bulbs and other parts inside the lamp should be cleaned and maintained in regular period.

3. Computer lamp work intermittently

- a) Check whether the fan process naturally and become dirty

- b) Check inner temperature-response control plug is off
 - c) Check whether the circuitry is good
4. The computer lamp not controlled by controller during lighting
- a) Check numeral starting address and the connection of communication control circuit
 - b) The corresponding channel button of controller is open or not
 - c) Check whether the fuse on power supply input jack is broken off

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



Warranty Card

Name	Model	Production	Purchase
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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 any more. Company retains its right to change specifications related when product is improved. Thanks for your understanding.