

MH-BEAM MSD300W-1A

(Beam Light Moving Head 300W)

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 lightin

2 TECHNOLOGY REFERENCE

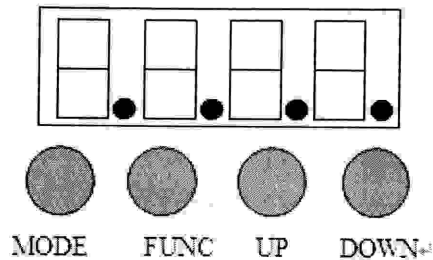
1. Voltage: 220-240V/110-120V
2. Frequency: 50-60Hz
3. Power Consumption: 500W
4. Color Temperature: 7000-8000K
5. Light Source: Ultra bright 300W (JENBO Brand) Lamp

3 FUNCTIONS INTRODUCTION

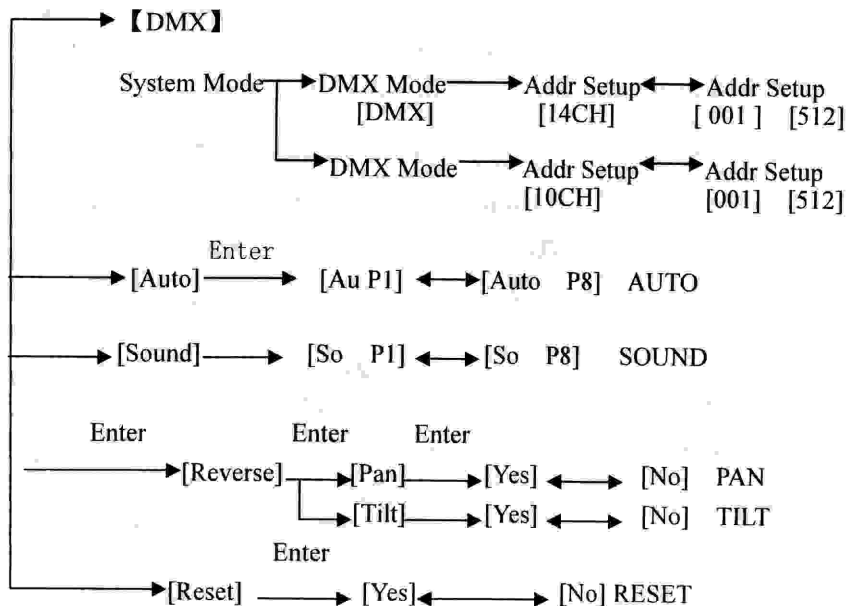
1. International universal control signal: DMX512
2. Channel: 10CH, 14CH model
3. DMX512, Master/slave, Auto, Sound
4. 1 Gobo Wheel: 7 gobos plus white with Bi-directional rotate effect
5. 1 Color wheel: 7 main colors +white with high speed rainbow effect
6. Dimmer/Flash: 1-20/second speed controllable
7. Over heat protection: one 60 °C over heat protection
8. Pan 540° / Tilt 270°
9. Focus: Electronical Focus
10. Prism: One Static 3-Facet Prism
11. Reposition: Pan, Tilt rotate with the photo electric reposition system, system, both with self-correction function
12. Speed adjustable: Pan/Tilt 0-255 speed controllable

4 Board Instruction

300W BEAM LIGHT BUTTON



MENU



5 DMX CHANNEL SHEET

10CH	14 CH	function	DMX value	description
			0-15	No function
			16-45	Built-in 1
			46-75	Built-in 2
			76-105	Built-in 3
	CH1	Built-in program	106-135	Built-in 4
			136-165	Built-in 5
			166-195	Built-in 6
			196-225	Built-in 7
			226-255	Built-in 8
CH1	CH2	X rotating	0-255	0-540 degree
CH2	CH3	Y rotating	0-255	0-270 degree
	CH4	Y fine tuning	0-255	X fine tuning
	CH5	Y fine tuning	0-255	Y fine tuning
CH3	CH6	X Y speed	0-255	From fast to slow
CH4	CH7	source 300w dim	0-255	From dark to light
CH5	CH8	Source 300w strobe	0-7 8-250 251-255	Close Strobe from slow to fast Open

6 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

CH6	CH9	7 Colors+white	0-15 16-31 32-47 48-63 64-79 80-95 96-111 112-127 128-255	Open Color 1 Color 2 Color 3 Color 4 Color 5 Color 6 Color 7 Color flow from slow to fast
CH7	CH10	7 gobos +white	0-15 16-31 32-47 48-63 64-79 80-95 96-111 112-127 128-191 192-255	White Gobo 1 Gobo 2 Gobo 3 Gobo 4 Gobo 5 Gobo 6 Gobo 7 The Gobo CW running from slow to fast The Gobo CCW running from slow to fast
CH8	CH11	Gobo Rotating	0-63 64-255	Stop Rotate CW slow > fast Rotate CCW slow > fast
CH9	CH12	Focus	0-255	Focus from near to far
CH10	CH13	Static Prism	0-63 64-255	No Prism in
	CH14	Reset	0-249 250-253	No reset Reset

7 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)
Signal line 1 piece Users manual 1 sheet
Light hook Safety cable
Warranty card 1 card



Warranty Card

Name	Model	Production	Purchase
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End User
Company Name:
Adr:

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.