

USER MANUAL

200W LED Moving Spot + 16*10W LED Moving Wash

HT-LM-200SW



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 are not to disassemble the moving head LED unit and lighting accessories inside.
- Rated voltage range: AC110V-120V/60Hz or AC200V-240V / 50HZ (to be selected).
- The unit should not be placed near flammable materials and should maintain at least 1M distances from its projection area.
- The moving head should only be used in ambient temperature: -15c > 40c, the highest temperature of the surface of the lamp: 60c.
- To keep away from the liquid substance and humid environment.
- Before using the moving head please ensure a good earth is fitted.
- The installation of the moving heads, you must check fixing screw fasteners with additional security cable and a regular inspection done.
- LED consecutive working hours is not recommended for more than 10 hours per time.
- Moving head should not be used in time when unusual conditions are in play.
- Moving head should be regular inspected of the rotation, external accessories and paste parts, in a timely manner to prevent accident or damage to the unit or persons.
- Moving head fans should be checked weekly as it is easy to accumulate the dust, so weekly cleaning of especially the cooling air opening and fans, otherwise unit may over heat and cause damage.

2 TECHNOLOGY REFERENCE

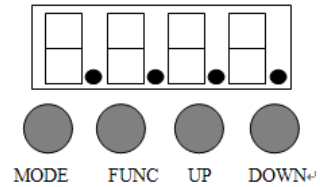
1. Voltage: AC110V-240V/50Hz-60Hz
2. Power consumptions: 400W
3. Profile LED Source: Ultra bright 200W LED
4. Wash LED Source: 16x10w fourcolor LED
5. Product size: 45x33.5x68cm; Package size: 46x45x72.5cm
6. N.W:21.00Kg; G.W: 23.5Kg

3 FUNCTIONS INTRODUCTION

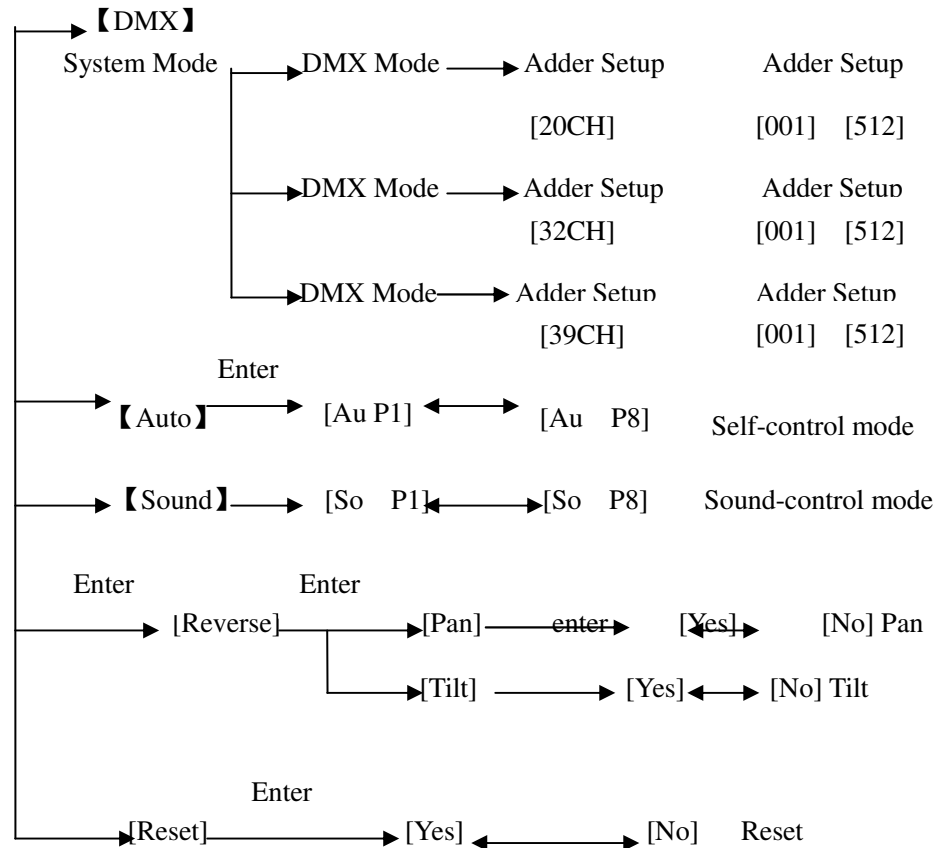
1. International universal control signal: DMX512
2. 39/32/20 DMX channels
3. Digital display
4. DMX, Sound, Auto, Slave/Master
5. 2 Gobos wheels: Fixed gobo wheel & Rotating gobo wheel
6. 7 gobos+White with Bi-directional rotate effect
7. Color wheel: 7 main colors+open with the rainbow
8. One rotating 3-facet prism
9. Gobo indexing, Focus, Zoom function
10. Program inside ,Adjustable flash frequency

4 DISPLAYCODE SETTING METHOS

LED 200W Spot and Wash Mixing Moving head button



MENU



5 DMX CHANNEL SHEET

Channel Mode

20CH	32CH	39CH	Function	Channel Value	Function
CH1	CH1	CH1	Pan	0-255	0-540°
CH2	CH2	CH2	Tilt	0-255	0-270°
CH15		CH3	Pan Fine Tilt	0-255	Pan Fine
CH16		CH4	Tilt Fine	0-255	Tilt Fine
CH3	CH3	CH5	X, Y speed Adjustment	0-255	From fast to slow
CH4	CH4	CH6	200W Dimmer	0-255	From dark to bright
CH5	CH5	CH7	200W Strobe	0-7 8-250 251-255	Turn on Strobe from fast to slow Turn off
CH6	CH6	CH8	Color: 7 colors+ White	0-15 16-31 32-47 48-63 64-79 80-95 96-111 112-127 128-255	White Color 1 Color 2 Color 3 Color 4 Color 5 Color 6 Color 7 Color from fast to slow
				0-7 8-15 16-23 24-31 32-39 40-47 48-55 56-63 64-71	Open Gobo 1 Gobo 2 Gobo 3 Gobo 4 Gobo 5 Gobo 6 Gobo 7 Gobo 7 shake speed from slow to fast

CH7	CH7	CH9	7 Static Gobos + Open	72-79 80-87 88-95 96-103 104-111 112-119 120-127 192-255	Gobo 6 shake speed from slow to fast Gobo 5 shake speed from slow to fast Gobo 4 shake speed from slow to fast Gobo 3 shake speed from slow to fast Gobo 2 shake speed from slow to fast Gobo 1 shake speed from slow to fast Open Gobo positive and negative running from slow to fast
CH8	CH8	CH10	7 Rotating Gobos + Open	0-15 16-31 32-47 48-63 64-79 80-95 96-111 112-127 128-191 192-255	Open Gobo 1 Gobo 2 Gobo 3 Gobo 4 Gobo 5 Gobo 6 Gobo 7 Gobo CW Fast > slow Gobo CCW Fast >slow
CH9	CH9	CH11	Gobo Indexing Rotation	0-15 16-95 96-115 116-135 136-155 156-175 176-215 216-255	Stop Gobo Fine 0-360 Gobo Rotating 0-90 Gobo Rotating 0-180 Gobo Rotating 0-360 Gobo Rotating 0-720 Gobo self-rotating CW from slow to fast Gobo self-rotating CCW rotating from

					slow to fast
CH10	CH10	CH12	Focus 1	0-255	Focus from near to far
CH11	CH11	CH13	Focus 2	0-255	Focus from near to far
CH12	CH12	CH14	Double Zoom	0-255	Gobo from small to big
CH13	CH13	CH15	Prism	0-63(0-50) 64-255(51-100)	Open Prism In
CH14	CH14	CH16	Prism Rotation	0-15 16-136(101-176) 137-255(177-255)	Stop Rotate CW slow > fast Rotate CCW slow > fast
CH15		CH17	Global Red	0-255	From dark to bright 8xleds
CH16		CH18	Global Green	0-255	From dark to bright 8xleds
CH17		CH19	Global Blue	0-255	
CH18		CH20	Global White	0-255	From dark to bright 8xleds
CH19	CH31	CH21	LED Strobe	0-255	From dark to bright
CH20	CH32	CH22	Preset color RGBW	0-7 8-15 16-23 24-31 32-39 40-47 48-55 56-63 64-71 72-79 80-87 88-95 96-103 104-111 112-119 120-127	No action Color 1 Color 2 Color 3 Color 4 Color 5 Color 6 Color 7 Color 8 Color 9 Color 10 Color 11 Color 12 Color 13 Color 14 Color 15

				128-135 136-195 196-255	Color 16 Color gradually change from slow to fast Color suddenly change from slow to fast
	CH15	CH23	Red Zone 1	0-255	From dark to bright
	CH16	CH24	Green Zone 1	0-255	From dark to bright
	CH17	CH25	Blue Zone 1	0-255	From dark to bright
	CH18	CH 26	White Zone 1	0-255	From dark to bright
	CH19	CH27	Red Zone 2	0-255	From dark to bright
	CH20	CH28	Green Zone 2	0-255	From dark to bright
	CH21	CH29	Blue Zone 2	0-255	From dark to bright
	CH22	CH30	White Zone 2	0-255	From dark to bright
	CH23	CH31	Red Zone 3	0-255	From dark to bright
	CH24	CH32	Green Zone 3	0-255	From dark to bright
	CH25	CH33	Blue Zone 3	0-255	From dark to bright
	CH26	CH34	White Zone 3	0-255	From dark to bright
	CH27	CH35	Red Zone 4	0-255	From dark to bright
	CH28	CH36	Green Zone 4	0-255	From dark to bright
	CH29	CH37	Blue Zone 4	0-255	From dark to bright
	CH30	CH38	White Zone 4	0-255	From dark to bright
		CH39	Reset	250-253	Reset

6 DIFFICULTY RESOLUTION

The following is a list of problems and resolutions, should only be performed by professionally qualified staff.

1. LED not working

- a) Check whether approaching the service life of LED, then change it
- b) Check whether LED circuitry is not loss or connect poorly

2. Beam appears flash or is patchy

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

3. LCD Display works intermittently

- a) Check whether the fan running
- b) Check inner temperature-response control plug is off
- c) Check whether the circuitry is good and contacted properly

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

7 CLEANING

To make sure the stable run of the moving head, you should keep it clean. All fans, lens and color filters, do not use any soluble detergent when cleaning the color filter avoiding the damage to LED..

8 AFTER SERVICE

1. BIG company offer technical consultation to customers.
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 stage light, also matching accessories are as follows:
accessories: 1x Power cable
1x Signal cable
1x Users manual
2x Hanging Bracket



Warranty Card

Name	Model	Production	Purchase
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<p>End User</p> <p>Company Name: Add:</p>	<p>Sale Store</p> <p>Link man: Tel: Stamp</p>
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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 something can not resistance
- (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.