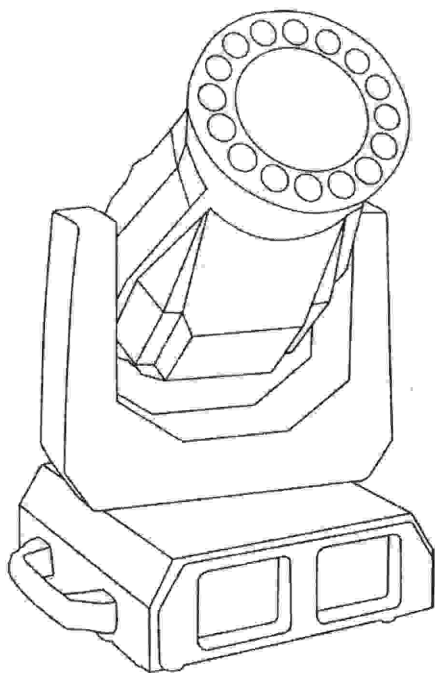


BM-BEAM 110W(60W+50W)

(LED 150W Beam and Wash Mixing 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: AC100V-240V / 50Hz-60Hz
- not beam irradiate the flammable materials, flammable materials and the lamp should be maintained at least 1M over the distance.
- leds used in ambient temperature: -15 °C -40 °C, the highest temperature of the surface of the led: 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.
- leds consecutive working hours is not recommended more than 10 hours.
- should stop using the lights in time when happens unusual conditions during the process
- led 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.
- leds 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 lighting

2 TECHNOLOGY REFERENCE

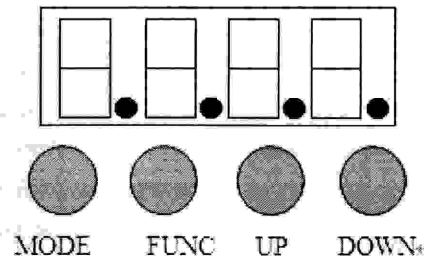
1. Power: Auto switching 100ac to 240ac 50-60hz
2. Power Consumption: 300W
3. Profile Led: Ultra bright Butterfly LED 150W
4. Wash Led : 16x3w 3-in-1 Leds
5. Outline Size: 40x 33x58cm Packing Size: 64.5 x 39 x 45cm
6. N.W: 15.5KG G.W: 17KG

3 FUNCTIONS INTRODUCTION

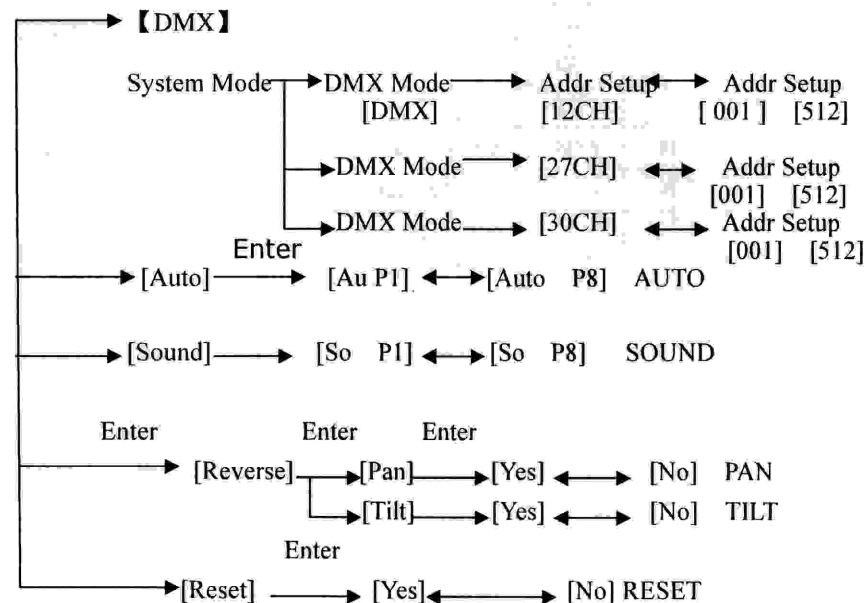
1. International universal control signal: DMX512
2. Channel: 16CH/29CH/32CH
3. Master/Slave, DMX, Sound , Auto mode
4. 1 rotating Gobo Wheel: 7 Gobos plus open with Bi-directional rotate effect
5. 1 Color wheel: 7main colors + open and high speed rainbow effect
6. Dimmer/Flash: 1-20/second speed controllable
7. Pan:450° , Tilt:270°
8. DMX Connectors: 3 pin XLR connector in and out
9. Center Beam Angle:12°
10. LED Beam Angle: 45° (optional 25°)
11. Display: Digital display

4 Board Instruction

LED 150W BEAM LIGHT BUTTON



MENU



5 DMX CHANNEL SHEET

12CH	27 CH	30 CH	Function	DMX value	Description
CH1		CH1	Built-in program	0-15	No function
				16-45	Built-in 1
				46-75	Built-in 2
				76-105	Built-in 3
				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
CH2	CH1	CH2	X	0-255	0-540 degree
CH3	CH2	CH3	Y	0-255	0-270 degree
CH4		CH4	X fine	0-255	X fine tuning
CH5		CH5	Y fine	0-255	Y fine tuning
CH6	CH3	CH6	X Y speed adjust	0-255	From fast to slow
CH7	CH4	CH7	Led 150w dimmer	0-255	From dark to light
CH8	CH5	CH8	Led 150w strobe	0-7	Close
				8-250	Strobe from slow to fast
				251-255	Open
CH9	CH6	CH9	Color 7colors+white	0-15	Open
				16-31	Color 1
				32-47	Color 2
				48-63	Color 3
				64-79	Color 4
				80-95	Color 5
				96-111	Color 6
				112-127	Color 7

				128-255	Color flow from slow to fast				
CH10	CH7	CH10	7gobos +open	0-15	White				
				16-31	Gobo 1				
				32-47	Gobo 2				
				48-63	Gobo 3				
				64-79	Gobo 4				
				80-95	Gobo 5				
				96-111	Gobo 6				
				112-127	Gobo 7				
				128-191	Gobo rotating CW from slow to fast				
				192-255	Gobo rotating CCW from slow to fast				
CH11	CH8	CH11	Gobo self-rotation	0-15	Stop				
				16-95	Gobo Fine 0-360				
				96-115	Gobo Rotating 0-90				
				116-135	Gobo Rotating 0-180				
				136-155	Gobo Rotating 0-360				
				156-175	Gobo Rotating 0-720				
				176-215	Gobo self-rotating CW from slow to fast				
				216-225	Gobo self-rotating CCW rotating from slow to fast				
					CH9	CH12	LED Dimmer	0-255	From dark to light 8leds
					CH10	CH13	R	0-255	From dark to light 8leds
	CH11	CH14	G	0-255	From dark to light 8leds				
	CH12	CH15	B	0-255	From dark to light 8leds				
	CH13	CH16	RGB Color	0-7	No function				
				8-15	Color 1				

				16-23	Color 2
				24-31	Color 3
				32-39	Color 4
				40-47	Color 5
				48-55	Color 6
				56-63	Color 7
				64-71	Color 8
				72-79	Color 9
				80-87	Color 10
				88-95	Color 11
				96-103	Color 12
				104-111	Color 13
				112-119	Color 14
				120-127	Color 15
				128-135	Color 16
				136-195	Color gradual change from slow to fast
				196-255	Color hop change from slow to fast
	CH14	CH17	LED Strobe	0-255	From slow to fast
	CH15	CH18	Red 1	0-255	From dark to light
	CH16	CH19	Green 1	0-255	From dark to light
	CH17	CH20	Blue 1	0-255	From dark to light
	CH18	CH21	Red 2	0-255	From dark to light
	CH19	CH22	Green 2	0-255	From dark to light
	CH20	CH23	Blue 2	0-255	From dark to light
	CH21	CH24	Red 3	0-255	From dark to light
	CH22	CH25	Green3	0-255	From dark to light
	CH23	CH26	Blue 3	0-255	From dark to light
	CH24	CH27	Red 4	0-255	From dark to light

	CH25	CH28	Green 4	0-255	From dark to light
	CH26	CH29	Blue 4	0-255	From dark to light
CH12	CH27	CH30	Reset	250-253	Reset

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. LED donot working

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

2. LED appears bleak

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

3. Computer led 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 led 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 o

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
------------	----------

End User
Company Name:
Add:

Sale Store	
Link man:	Stamp
Tel:	

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.