

240W Beam 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

Voltage : AC 100~240V/50~60Hz

Power : 280W

Lamp : Philips 240w (DMX on/off)

Lumen output: 150000LM/10meter

Color Temperature: 8000K

Lens : 6-layer optic glass lens

Prism : 24 facet Prism rotation

Beam angle parallel beam angle : 0-3.8°

Fan : ADDA brand

Gobo : 17 gobos+white , gobo shake

Colors : 14 color+white,

DMX Channel : 16CH

Pan and Tilt Motor : 3-phase motors , moving smooth in the slow and fast speed .

Display : LCD display

Control Mode : DMX , Master-slave , Sound , Auto mode

Pan : 540°(16bit), Electric correction

Tilt : 270° (16bit) , Electric correction

Focus : Double automatic focusing

Dimmer: 0-100% linear dimmer

Strobe: 1-13times/s, speed adjustable

LAMP DMX ON/OFF: ignited by inverter, protect and lengthen the lifetime of the bulb

3 Board Instruction

1) DMX interface :

Name	description
DMX	Choice the DMX address from 001 to 255

2)Setup interface:

name	description
X Reverse	OFF / ON , default OFF
Y Reverse	OFF / ON , default OFF
Lamp on	OFF / ON ,default ON
Backlight	0-255 , default value 128
Screen Ro	OFF / ON. screen reverse
Exit	

3)Adjust interface :

name	description
Gobo	default value 025 , 000-512
Color	default value 020 , 000-512
Focus	default value 001 , 000-512
Prism	default value 000 , 000-512
X	default value 000 , 000-512
Y	default value 000 , 000-512
Exit	

4) RunTest interface :

name	description
Auto Run	OFF/ON , Auto running mode
Sound run	OFF/ON , Sound active mode
SoftReset	OFF/ON , Total reset
Exit	

5)Manual interface

name	description
Manual Ctr	Channel control [00][000]
Exit	

3)Information interface:

name	description
Lamp on timer	Time of lamp on
Reset timer	Clear up the lamp on time
Set on timer	Set up the time
Set password	Set the password
Exit	

4 DMX CHANNEL SHEET

CH	Channel	DMX value	Description
1	Colour Wheel	0	WHITE
		5	WHITE + RED
		9	RED
		13	RED + ORANGE
		18	ORANGE
		22	ORANGE+ QUAMARINE
		26	AQUAMARINE
		30	AQUAMARINE + GREEN
		35	GREEN
		39	GREEN+LIGHT GREEN
		43	LIGHT GREEN
		47	LIGHT REEN+LAVENDER
		52	LAVENDER
		56	LAVENDER+PINK
		60	PINK
		64	PINK+YELLOW
		69	YELLOW
		73	YELLOW+MAGENTA
		77	MAGENTA
		82	MAGENTA+CYAN
		86	CYAN
		90	CYAN+CTO 260
		94	CTO 260
		99	CTO260+CTO 190
		103	CTO 190
		107	CTO 190+CTB 8000
		111	CTB8000

		116 120 124 128 . . . 255	CTB8000+BLUE BLUE BLUE+WHITE SLOW ROTATION(0.2rpm) FAST ROTATION(160rpm)
2	STOP/STROBE	0-3 4 103 104-107 108 207 208-212 213-225 226-238 239-251 252-255	CLOSED SLOW STROBE (1 flash/sec) FAST STROBE (1 flash/sec) Open SLOW PULSATION(30bpm) FAST PULSATION(360bpm) OPEN RANDOM SLOW STROBE RANDOM MEDIUM STROBE RANDOM FAST STROBE OPEN
3	DIMMER	0-255	0-100% DIMMER
4	GOBO	0-3 3-7 8-11 12-15 16-19 20-23 24-27 28-31 32-35	WHITE Gobo1 Gobo2 Gobo3 Gobo4 Gobo5 Gobo6 Gobo7 Gobo8

	36-39	Gobo9
	40-43	Gobo10
	44-47	Gobo11
	48-51	Gobo12
	52-55	Gobo13
	56-59	Gobo14
	60-63	Gobo15
	64-67	Gobo16
	68-71	Gobo17
	72	FAST ROTATION (60rpm)
	
	113	SLOW ROTATION (5rpm)
	114-117	STOP
	118	SLOW ROTATION (5rpm)
	
	159	FAST ROTATION (60rpm)
	160	Gobo2 shake ,slow speed
	
	166	Gobo2 shake ,fast speed
	167	Gobo3 shake ,slow speed
	
	172	Gobo3 shake ,fast speed
	173	Gobo4 shake ,slow speed
	
	179	Gobo4 shake ,fast speed
	180	Gobo5 shake ,slow speed
	
	185	Gobo5 shake ,fast speed
	186	Gobo6 shake ,slow speed
	
	191	Gobo6 shake ,fast speed
	192	Gobo7 shake ,slow speed
	

		198 199 204 205 211 212 217 218 223 224 230 231 236 237 243 244 249 250 255	Gobo7 shake ,fast speed Gobo8shake ,slow speed Gobo8 shake ,fast speed Gobo9 shake ,slow speed Gobo9 shake ,fast speed Gobo10 shake ,slow speed Gobo10 shake ,fast speed Gobo11 shake ,slow speed Gobo11 shake ,fast speed Gobo12 shake ,slow speed Gobo12 shake ,fast speed Gobo13 shake ,slow speed Gobo13 shake ,fast speed Gobo14 shake ,slow speed Gobo14 shake ,fast speed Gobo15 shake ,slow speed Gobo15 shake ,fast speed Gobo16 shake ,slow speed Gobo16 shake ,fast speed
5	PRISM	0-127 128-255	Prism Excluded Prism Inserted
6	PRISM ROTATION	0 21	POSITION 0 ⁰ POSITION 90 ⁰

		42 63 84 105 127 128 190 191-192 193 255	POSITION 180 ⁰ POSITION 270 ⁰ POSITION 360 ⁰ POSITION 450 ⁰ POSITION 540 ⁰ FAST ROTATION SLOW ROTATION STOP SLOW ROTATION FAST ROTATION
7	EFFECTS MOVEMENT	0-255	
8	FROST	0-255	Frost excluded to Frost inserted
9	FOCUS	0-255	
10	PAN	0-255	Pan movement range 540 ⁰
11	PAN FINE	0-255	
12	TILT		Tilt movement range 270 ⁰
13	TILT FINE		
14	FUNCTION	0-11 12-24 25-37 38-50 51-62 63-255	Unused range Fast (default) } PAN-TILT Normal } FUNCTION conventional } PAN-TILT Linear (default) } FUNCTION Unused range
15	RESET	0-25 26 76 77	Unused range Effects Reset Effects Reset Pan/Tilt Reset

	 127 128 255	Pan/Tilt Reset Complete Reset Complete Reset
16	LAMP CONTROL	0-25 26 100 101 255	Unused range LAMP OFF LAMP OFF LAMP ON LAMP ON

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.