

# LH-A024 330W Beam Moving Head

## User Manual



# LEAHUA

广州丽华舞台灯光音响有限公司  
GZ LEAHUA LIGHT LIMITED

This manual contains important information.  
Please read before operating fixture.

Add: A1 Building The Sixth Industrial Zone Zhu Gang Road Hongxing Shijing Town Baiyun District Guangzhou China.

Tel: +86 020-66292177 Fax: +86 020-66292177

# 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

Power Supply: AC110v-220V 50/60hz

Power:330w

Lamp: Osram 15R 330w

Channel:18ch

IP:IP20

Working temperature:-20-40degree

Packing Size: 500\*390\*800mm(flightcase packing single)

G.W.:40kg

Specification:

Dimmer:0-100% linear dimmer

Strobe: Independent strobe channel, 1-13times/s, speed adjustable

Color wheel: 14 color+white, rainbow effect

Gobo wheel:static gobo wheel:16 gobos+white,shake effect

Rotating gobo wheel:12 gobos+white,shake effect

Prism:8 Prisms rotation,24prisms

Frost:0-100% linear frost

Focus:electronic focus

Scan: In the range of scanning, Pan scan 540 degree,Tilt scan 270 degree,8bit and 16bit scanning accuracy

Cooling system:7fans

Mode of control:DMX512, master-slave, sound, auto

### 3 Board Instruction

**MENU:**

1、 After reset six functional menu.

A、 DMX B、 Setup C、 Adjust D、 RunTest E、 Manual F、 Message

2、 Strating up after 20s without operation or operation after 20 seconds automatically jump display address code

DMX	001-512	Increased clockwise and anti-clockwise decreases, and press confirmation immediately return to the main menu
Setup	X Reverse	OFF/ON
	Y Reverse	OFF/ON
	Lamp on	OFF/ON
	Language	CH/En
	Backlight	001-255
	Screen Ro	OFF/ON
	Exit	
Adjust	Gobo1	001-255
	Color	001-255
	Focus	001-255
	Prism1	001-255
	X	001-255
	Y	001-255
	Gobo2	001-255
	Prism2	001-255
	Exit	
RunTest	AutoRun	OFF/ON
	Soundrun	OFF/ON
	SoftReset	OFF/ON
	Exit	

Manual	ManualCtr	(01-24) (001-255)
	Exit	
Message	Lamp on timer	Display lamp on time
	Reset timer	After the input the correct password lamp time reset
	Set on timer	after input correct password,set the lamp on time*(1)
	Set Password	input old password set new password
	Exit	

\* (1) :

Set lamp on time 00H

Unlimited use ON

When an unlimited use set to ON ,setting time is invalid, use the set lamp on time must be set to OFF

## 4 DMX CHANNEL SHEET

CH	Channel	DMX value	Description
1	Strobe	0-3	Strobe no function
		4-103	Strobe effect1 from slow to fast
		104-107	Strobe open
		108-207	Strobe effect2 from slow to fast
		208-211	Strobe open
		212-251	Strobe effect3 from slow to fast
		252-255	Strobe open

2	Dimmer	0-122	No function	
		123-255	Dimmer from dark to brightness	
3	No function			
4	Color wheel	0-7	white	
		8-12	Color1	
		13-15	Color2	
		16-23	Color3	
		24-31	Color4	
		32-39	Color5	
		40-47	Color6	
		48-55	Color7	
		56-63	Color8	
		64-71	Color9	
		72-79	Color10	
		80-87	Color11	
		88-95	Color12	
		96-103	Color13	
		104-127	Color14	
		128-195	Color foreward from slow to fast	
196-255	Color rollback from slow to fast			
5	Static wheel	gobo	0-15	white
			16-17	Gobo1
			18-19	Gobo2
			20-21	Gobo3
			22-23	Gobo4
			24-25	Gobo5
			26-27	Gobo6
			28-29	Gobo7
			30-31	Gobo8
			32-33	Gobo9
			34-35	Gobo10
			36-37	Gobo11

		38-39	Gobo12
		40-41	Gobo13
		42-43	Gobo14
		44-45	Gobo15
		46-47	Gobo16
		48-52	Gobo1 shake from slow to fast
		53-57	Gobo2 shake from slow to fast
		58-62	Gobo3shake from slow to fast
		63-67	Gobo4 shake from slow to fast
		68-72	Gobo5 shake from slow to fast
		73-77	Gobo6 shake from slow to fast
		78-82	Gobo7 shake from slow to fast
		83-87	Gobo8 shake from slow to fast
		88-92	Gobo9 shake from slow to fast
		93-97	Gobo10 shake from slow to fast
		98-102	Gobo11 shake from slow to fast
		103-107	Gobo12 shake from slow to fast
		108-112	Gobo13 shake from slow to fast
		113-117	Gobo14 shake from slow to fast
		118-122	Gobo15 shake from slow to fast
		123-127	Gobo16 shake from slow to fast
		128-195	Gobo foreward from fast to slow
		196-255	Gobo rollback from slow to fast
6	Rotating gobo wheel	0-7	white
		8-12	Gobo1
		13-17	Gobo2
		18-22	Gobo3
		23-27	Gobo4
		28-32	Gobo5
		33-37	Gobo6
		38-42	Gobo7
		43-47	Gobo8

		48-52	Gobo9
		53-57	Gobo10
		58-62	Gobo11
		63-67	Gobo12
		68-72	Gobo1 shake from slow to fast
		73-77	Gobo2 shake from slow to fast
		78-82	Gobo3shake from slow to fast
		83-87	Gobo4 shake from slow to fast
		88-92	Gobo5 shake from slow to fast
		93-97	Gobo6 shake from slow to fast
		98-102	Gobo7 shake from slow to fast
		103-107	Gobo8 shake from slow to fast
		108-112	Gobo9 shake from slow to fast
		113-117	Gobo10 shake from slow to fast
		118-122	Gobo11 shake from slow to fast
		123-127	Gobo12 shake from slow to fast
		128-195	Gobo foreward from fast to slow
		196-255	Gobo rollback from slow to fast
7	Gobo rotation	0-127	indexing
		128-187	Forwards gobo rotation from slow to fast
		188-195	stop
		196-255	Backwards gobo rotation from fast to slow
8	Focus	0-255	Focus
9	24 Prisms	0-31	24 Prisms off
		32-255	24 Prisms on
10	8 Prisms	0-30	8 Prisms off



		31-255	8 Prisms on
11	Prism rotation	0-197	No function
		198-255	8 Prisms anticlockwise from slow to fast
12	Frost	0-255	Frost
13	Pan	0-255	Pan movement range 540°
14	Pan fine	0-255	
15	Tilt	0-255	Tilt movement range 280°
16	Tilt fine	0-255	
17	Pan/Tilt Speed Pan/Tilt Time	0-255	Quick → Slow
18	Reset	0-9	No Function
		10-19	5s lamp on
		20-63	5s lamp off
		64-127	XY motor reset
		128-196	Effect motor reset
		197-255	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
------	-------	------------	----------

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.