EN

SAFETY INFORMATION

• Installation

Make sure all parts for fixing the projector are in a good state of repair.
Make sure the point of anchorage is stable before positioning the projector.
The safety chain must be properly hooked onto the fitting and secured to the framework, so that, if the primary support system fails, the fitting falls as little as possible.
If the safety chain gets used, it needs to be replaced with a genuine spare.

LED 0.2 m

• Minimum distance of illuminated objects

The projector needs to be positioned so that the objects hit by the beam of light are at least 0.20 metres (8") from the lens of the projector.

• Minimum distance from flammable materials

The projector must be positioned so that any flammable materials are at least 0.20 metres (8") from every point on the surface of the fitting.

t_a 40°C

• Maximum ambient temperature

Do not operate the fixture if the ambient temperature (Ta) exceeds 40° C (104°).

IP20

• IP20 protection rating

The fitting is protected against penetration by solid bodies of over 12mm (0.47") in diameter (first digit 2), but not against dripping water, rain, splashes or jets of water (second digit 0).

• Protection against electrical shock

Connection must be made to a power supply system fitted with efficient earthing (**Class I** appliance according to standard EN 60598-1). It is, moreover, recommended to protect the supply lines of the projectors from indirect contact and/or shorting to earth by using appropriately sized residual current devices.

• Connection to mains supply

Connection to the electricity mains must be carried out by a qualified electrical installer. Check that the mains frequency and voltage correspond to those for which the projector is designed as given on the electrical data label. This label also gives the input power to which you need to refer to evaluate the maximum number of fittings to connect to the electricity line, in order to avoid overloading.
A.leda B-EYE 20: the user must determine, in consultation with the supply authority, that the equipment is connected only to a supply with a maximum permissible system impedance Zmax, at the interface point of the user's supply, equal to 0.29 Ω or less.

t_c 90°C

• Temperature of the external surface

The maximum temperature that can be reached on the external surface of the fitting, in a thermally steady state, is 90°C (194°).

• Maintenance

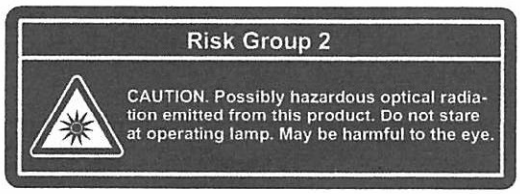
Before starting any maintenance work or cleaning the projector, cut off power from the mains supply.

• Light collimation system

This product contains internal light collimation system. Avoid intense light from any angle.

Risk Group 2
According to
EN 62471

• Photobiological Safety



This product is intended for the following areas of application:
studios, stages, theaters, exhibitions, trade fairs, events, theme parks, entertainment venues, architectural lighting and similar

Not suitable for household illumination

Not for residential use

• Battery

This product contains a rechargeable lead-acid or lithium iron tetraphosphate battery. To preserve the environment, please dispose the battery at the end of its life according to the regulation in force.

• Disposing

This product is supplied in compliance with European Directive 2012/19/EU - Waste Electrical and Electronic Equipment (WEEE). To preserve the environment please dispose/recycle this product at the end of its life according to the local regulation.

CE

The products to which this manual refers comply with the European Directives pursuant to:
- 2006/95/EC - Safety of electrical equipment supplied at low voltage (LVD)
- 2004/108/EC - Electromagnetic Compatibility (EMC)
- 2011/65/EU - Restriction of the use of certain hazardous substances (RoHS)
- 2009/125/EC - EcoDesign requirements for Energy-related Products (ErP)

1. INTRODUCTION

Thank you for having chosen this professional moving head.

You will see you have acquired a powerful and versatile device.

Unpack the device. Inside the carton box you should find:

1. One XLR power cable
2. One user manual
3. Two pcs omega

Please check carefully that there is no damage caused by transportation. Should there be any, please consult your dealer and don't install this device.

2 Mounting and installation

2.1 Cautions: for added protection mount the fixyures in areas outside walking paths ,seating areas,or in areas were the fixture might be reached by unauthorized personnel.

Before mounting the fixture to any surface ,make sure that the installation area can hold a minimum point load of 10 times the device's

- weight.

Fixture installation must always be secured with a secondary safety attachment ,such as an appropriate safety cable.

Never stand dirrctly below the device when mounting ,removing ,or servicing the fixture, from a ceiling,or set on a flat level surface (see illustration below).Be sure this fixture is kept at least 0.5m (1.5ft) away from any flammable (decoration etc.)

Always use and install the supplied safety cable as a safe cable as safety measure to prevent accdental damage and /or injury in the event the clamp fails.

2.2 Mounting points:

Overhead mounting requires extensive experience , including amongst others calculating working load limits, a fine knowledge of the

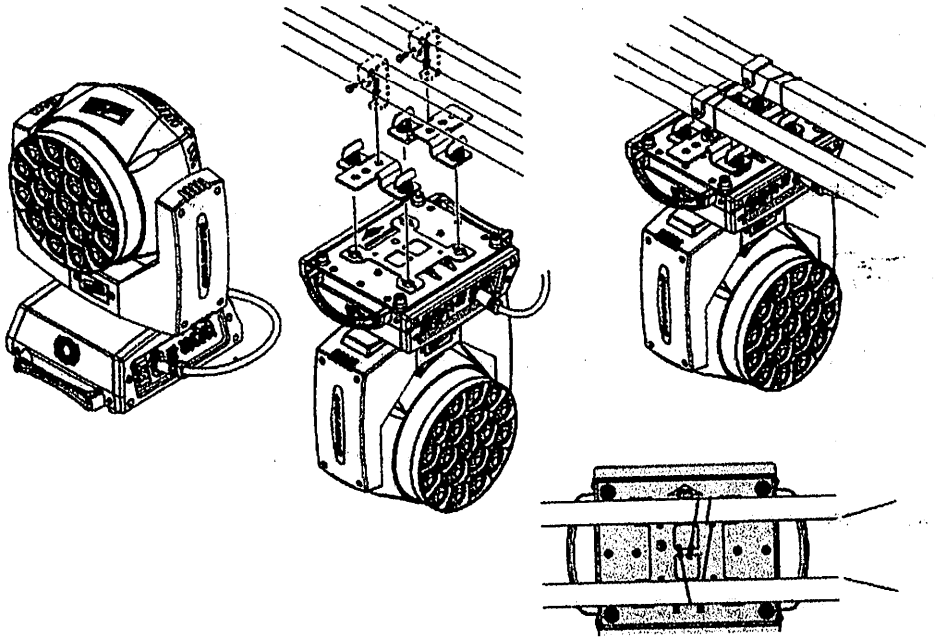
installation material being used ,and periodic safety inspection of all installation material and the fixture. If you lack these qualifications ,

Do not attempt the installation yourself ,improper installation can result in bodily injury.

Be sure to complete all rigging and installation procedures before connecting the main power cord to the appropriate wall outlet.

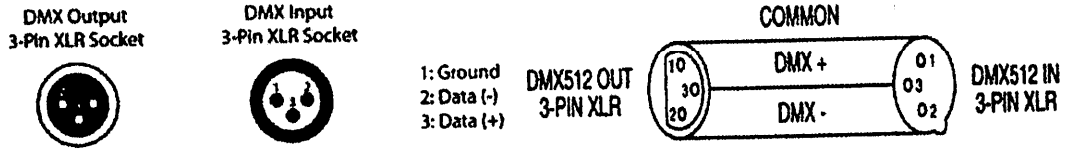
2.3 Clamp mounting :

The LED moving head provides a unique mounting bracket assembly that integrates the bottom of the base, the included 'omega bracket' and the safety cable rigging point in one unit (see the illustration below).When mounting this fixture to truss be sure to sere to secure an appropritely rated clamp to the included omega bracket using a M10 screw fitted through the center hole of the 'omega bracket'.As an added safety measure be sure to attached at least one properly rated safety cable to the fixture using on of the safety cable rigging point integrated in the base assembly.



2.4 DMX-512 control connection

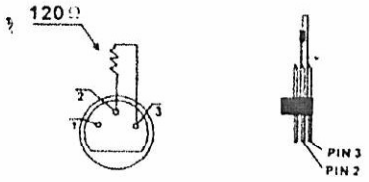
Connect the provided XLR cable to the female 3-pin XLR output of your controller and the other side to the male 3-pin XLR input of the moving head. You can chain multiple Moving head together through serial linking. The cable needed should be two core, screened cable with XLR input and output connectors. Please refer to the diagram below.



2.4 DMX-512 connection with DMX terminator

For installations where the DMX cable has to run a long distance or is in an electrically noisy environment, such as in a discotheque, it is

recommended to use a DMX terminator. This helps in preventing corruption of the digital control signal by electrical noise. The DMX terminator is simply an XLR plug with a 120 resistor connected between pins 2 and 3,which is then plugged into the output XLR socket of the last fixture in the chain. Please see illustrations below.



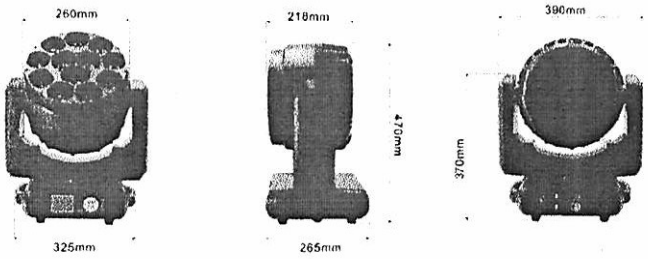
3 TECHNICAL PARAMETERS

Specifications
Light Source: 12 x 40W Osram RGBW LED
Zoom Range:8° ~ 63°
Luminous Flux: 84700m

Control
DMX Channel: 11/17/18/58 Channels
- Control Modes: DMX, Master/Slave, wireless control (Optional)

Firmware Upgrade: Update via DMX link

Pan/Tilt
Pan/Tilt: 540° / 270°
Pan/Tilt Resolution: 16 bit



Construction
Display: LCD display
Data In/Out: 3-pin & 5-pin XLR
Power In/Out: PowerCon in/out
Protection Rating: IP33

Features
Electronic linear zoom system, zoom range 8° ~63°
Ring control,outstanding color macro effect
0~100% Smooth dimming
Variable strobe speeds

Electrical and Physical
Power Voltage: AC 100~240V, 50/60Hz
Power Consumption:550W
Dimensions:390x265×470mm
Weight: 15.5kg

MENU SETTING

MANU	Second Manu	Thrid Manu	Details
DmxAddr	001 - 512		
Fix Set	Ch Mode	11CH/17CH/18CH/58CH	GUI EXT STD HSI
	Run Mode	DMX/Host	
	Pan Inv	Close/Open	
	Tilt Inv	Close/Open	
Manual	Pan	0 - 255	
	Pan Fine	0 - 255	
	Tilt	0 - 255	
	Tilt Fine	0 - 255	
	.	0 - 255	
	.	0 - 255	
	.	0 - 255	
Fix Info	TimeInfo	Cur Time	xxxh
		Show Time	xxxh
		PowerCnt	xxx
	SenSor	Pan	OK/NG
		Tilt	OK/NG
		Zoom	OK/NG
		Temp	OK/NG
		Fan	OK/NG
	TempInfo	Temprat	xxx C
		FanSpeed	xxxx RPM
	Soft Ver	Panel	Vx.xxx
		Motor	Vx.xxx
Home Set	Password	0 - 255	
	Pan	0 - 255	
	Tilt	0 - 255	
	Zoom	0 - 255	
	Red	0 - 255	
	Green	0 - 255	
	Blue	0 - 255	
	White	0 - 255	
FixReset	Reset	Cance/Run	
	Factory	Cance/Run	
Display	Language	EN/CH	
	DispFlip	Open/Close	
	DispMode	Show/60s	

4 Channels Shee

STD mode	EXT mode	GUI mode	HSI mode	Function	Channel value	Description
1	1	1	1	Pan	0 - 255	Pan
2	2	2	2	PanFine	0 - 255	PanFine
3	3	3	3	Tilt	0 - 255	Tilt
4	4	4	4	TiltFine	0 - 255	TiltFine
5	5	5	5	PTSpeed	0 - 255	Pan/Tilt speed
6	6	6	/	Dim	0 - 255	Dimmer
7	7	/	/	DimFine	0 - 255	Dimmer Fine
8	8	7	6	Strobe	0 - 3	close
					4 - 103	Regular strobe from slow to fast
					104 - 107	Open
					108 - 207	Pulse strobe from slow to
					208 - 212	Open
					213 - 225	Slow speed Random
					226 - 238	Middle Speed Random strobe
					239 - 251	fast Speed Random strobe
					252 - 255	Open
9	/	8	/	Red	0 - 255	Red
10	/	9	/	Green	0 - 255	Green
11	/	10	/	Blue	0 - 255	Blue
12	/	11	/	White	0 - 255	White
/	/	/	7	Hue	0 - 255	Hue
/	/	/	8	Saturation	0 - 255	Saturation
/	/	/	9	Intensiyt	0 - 255	Intensiyt
/	9	/	/	R1	0 - 255	Red1
/	10	/	/	G1	0 - 255	Green1
/	11	/	/	B1	0 - 255	Blue1
/	12	/	/	W1	0 - 255	White1
/	13	/	/	R2	0 - 255	Red2
/	14	/	/	G2	0 - 255	Green2
/	15	/	/	B2	0 - 255	Blue2
/	16	/	/	W2	0 - 255	White2
/	17	/	/	R3	0 - 255	Red3
/	18	/	/	G3	0 - 255	Green3
/	19	/	/	B3	0 - 255	Blue3
/	20	/	/	W3	0 - 255	White3
/	21	/	/	R4	0 - 255	Red4
/	22	/	/	G4	0 - 255	Green4
/	23	/	/	B4	0 - 255	Blue4
/	24	/	/	W4	0 - 255	White4
/	25	/	/	R5	0 - 255	Red5
/	26	/	/	G5	0 - 255	Green5
/	27	/	/	B5	0 - 255	Blue5
/	28	/	/	W5	0 - 255	White5
/	29	/	/	R6	0 - 255	Red6
/	30	/	/	G6	0 - 255	Green6
/	31	/	/	B6	0 - 255	Blue6
/	32	/	/	W6	0 - 255	White6
/	33	/	/	R7	0 - 255	Red7

/	48	/	/	W10	0 - 255	White10
/	49	/	/	R11	0 - 255	Red11
/	50	/	/	G11	0 - 255	Green11
/	51	/	/	B11	0 - 255	Blue11
/	52	/	/	W11	0 - 255	White11
/	53	/	/	R12	0 - 255	Red12
/	54	/	/	G12	0 - 255	Green12
/	55	/	/	B12	0 - 255	Blue12
/	56	/	/	W12	0 - 255	White12
13	/	/	/	CCT	0 - 255	CCT
14	/	12	/	Macro	0 - 255	Macro
					0	Close
					1 - 6	LED1
					7 -- 13	LED2
					14 - 20	LED3
					21 -27	LED4
					28 - 34	LED5
					35 - 41	LED6
					42 - 48	LED7
					49 - 55	LED8
					56 -62	LED9
					63 - 69	LED10
					70 - 76	LED1
					77 - 83	LED2
					84 - 90	Static shape of 3LED pendulums1
					91 - 97	Static shape of 3LED pendulums2
					98 - 104	Static shape of 3LED pendulums3
					105 - 111	Static shape of 4LED pendulums1
					112 - 118	Static shape of 4LED pendulums2
					119 - 125	Static shape of 4LED pendulums3
					126 - 132	Static shape of 3LED inverted pendulums1

/	/	13	/	Shape	133 - 139	Static shape of 3ED inverted pendulums2
					140- 146	Static shape of 3LED inverted pendulums3
					147 -153	3LED static patterns in the middle
					154 -160	9LED static patterns in the outer ring
					161 - 167	Static pattern of windmill
					168 -174	Single LED Dynamic Effect
					175 - 181	Dynamic Effect of Two
					182- 188	Dynamic Effect of Three
					189 - 195	Dynamic effect of running water of three inverted pendulums
					196 -202	Dynamic effect of four pendulums in running
					203 - 209	Dynamic effect of three pendulums in running
					210 - 216	Wave-like Dynamic LED Effect
					217 -223	Windmill Rotation Effect
					224 - 230	Dynamic effect of petal blooming
					231 - 237	Blooming effect of color petals
					238 - 244	Wave effect of color petals
					245 - 251	Rotation effect of color
					252 - 255	Colorful Rotation Effect
/	/	14	/	Speed	0 - 255	Graphic Effect Speed Selection
15	/	/	/	Effect	0	Close
					1 - 100	Dream effect
					101 - 200	Wave effect
					201 - 255	No effect
/	/	15	/	ShapeBack	0 - 255	Graphic Background Color Selection
/	/	16	/	BackDim	0 - 255	Background color brightness from light to
16	57	17	10	Zoom	0 - 255	focusing
17	58	18	11	Reset/Prog	0 - 59	No effect
					60 - 99	All motor reset
					100 - 200	Start the self-propelled program
					201 - 255	No effect