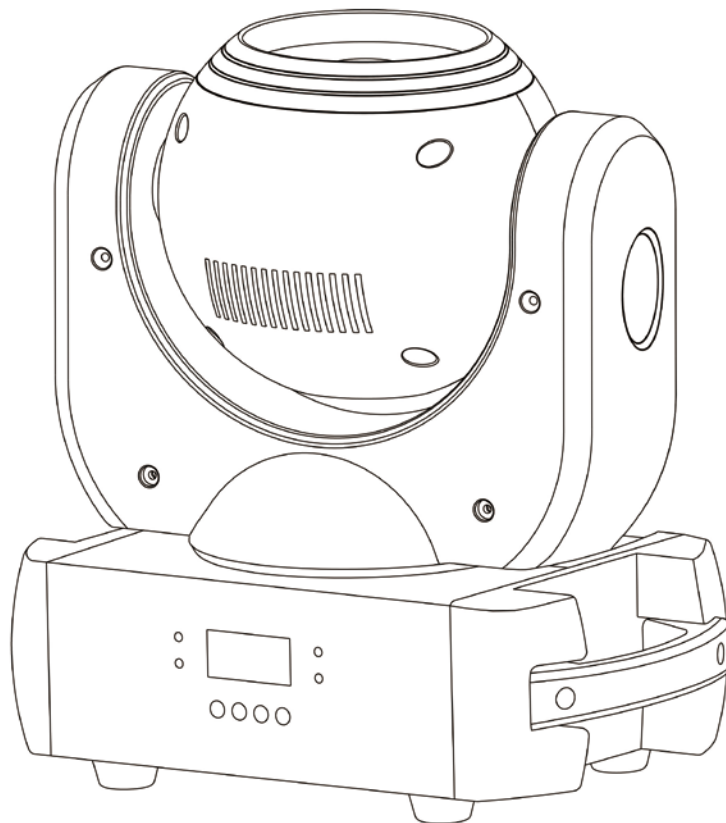# EXL-Dot Beam RGBW 60W

Weight ： 5.5KG

Power ： 130W

STATEMENT

The product is good packing when ship out the factory. All users should strictly abide by the

warnings and instructions stated in this manual, any damage and results due to misuse and the

neglect of this operating manual will be excluded from the deal responsibility this manual will not

informed in additionally if have technical changes.

About the latest software, hardware, documents and other information, please log in our company
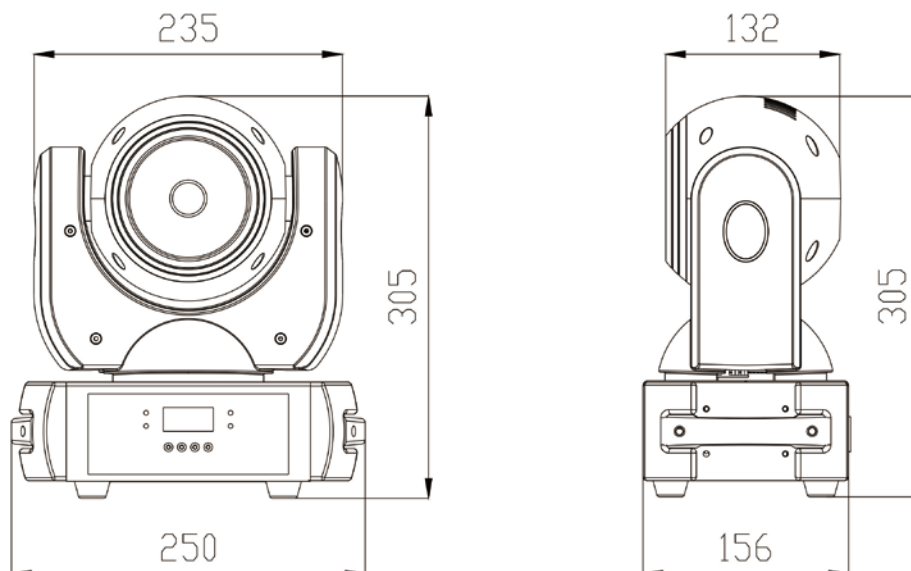website.

1.　Product introduction

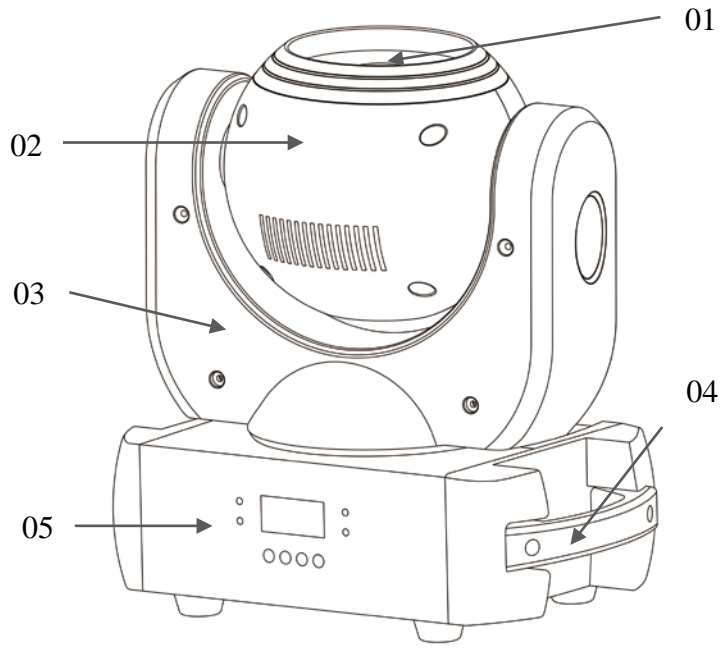2 option for DMX 512　, Pan：Infinite　rotation．　Tilt：infinite rotation

LCD screen，　beam angle：　4.5°. Mini size　.

Meet CE standard　,　 international 512 DXM

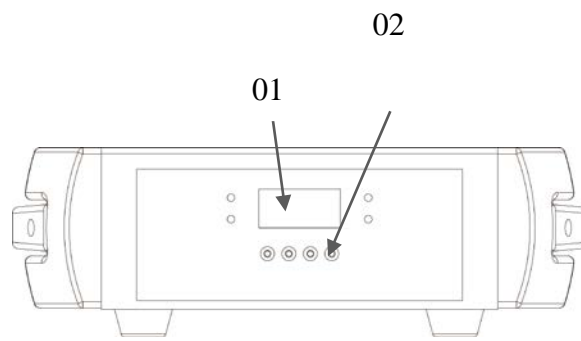## 2 size　250（long　）×156（wide）×305（high）mm

3.

01

02

03

04

05
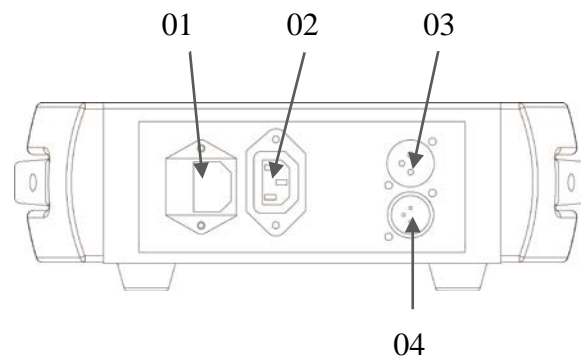
01 — lens
02 — body
03 — hand
04 — handle
05 — bottom

02

01

01 — display
02 — button

01   02   03

01 — power output
02 — power input
03 — 3pin dmx input
04 — 3pin dmx ouput

04

4. SAFETY INFORMATION

Safety Warning: This product is only suitable for professional use, and does not apply to security for other purposes. When you got the lights, please check the package whether have any damage caused by transportation. If there is any damage, do not use this fixture, and please contact the dealer or manufacturer as soon as possible. This product is only suitable for indoor, IP20 protection class. Lamps should be kept dry to avoid Moisture, overheating or dusty environment. Prevent lamps come into contact with water or any other liquid. The use of this product should pay attention to: fire, heat, electric shock, ultraviolet radiation, the lamp to explode or Shedding caused serious or fatal injury. Please read the instructions before use energized or installing. Follow through the operation of security methods and pay attention to the warning signs on the specification and equipment.

4.1 ANTI-HIGH TEMPERATURE

ta =**40°C**

Please don't use the equipment if the temperature above 40℃

4.2 TO PREVENT FALLING WOUNDING

When Hang the fixture, please must verify that the facilities to be able to withstand at least 10 times or more weight of fixtures.

Please make sure the Mounting hardware is strong enough no any damage, and insurance for the safety rope as auxiliary security fixed in other facilities will need to verify before installation. Installing or removing the equipment, to make the pulley below the work location

4.3 UA PROTECTION

Forbid straight viewpoint with exposed bulbs to avoid UV damage to the eyes;
Do not use the equipment without the lens screen and the lid;
The lens and the light head covers should be timely replaced if any damage to rupture.

4.4 PREVENTION OF ELECTIC SHOCK

The electrical connection must only be carried out with corresponding qualifications;
Before installing, make sure you use the power voltage lamps must comply with the identified power, voltage and have an overload or leakage protection;
Each fixture must be properly grounded, installed in accordance with the relevant standards;
Cut off the power when stall or replace the lamp and the fuse;
Forbid using the fixture in storm or wet environment

4.5 TO PREVENT BURNING OR FIRE

1. The fixture can't be mounted directly on the surface of ordinary combustible material.
2. The equipment must be installed away from inflammable and explosive materials.
3. The highest temperature is 40 ° C when the equipment is in stable state.
4. The equipment can not have an obstacle at least in the range of 0.5 meters.
5. Do not replace the non-original parts.

5. accessories

	Qty	Unit
instruction book	1	pcs
Signal	1	Pcs
Fuse	1	Pcs

6. 60W LED voltage , power , fuse

Input voltge	Total power	HZ
110-240V	130W	50/60HZ

FUSE	Current	Specification
250V	2.5A	5×20

60W LED wire connection

phase line L	null line N	earth wire	$\perp$
Red	Blue	Yellow green	

7. Led source

LED SOURCE	Power	Servie life	Color temperature
OSRAM 60W 4in1 LED	60W	20000 hour	8000K

8. control panel
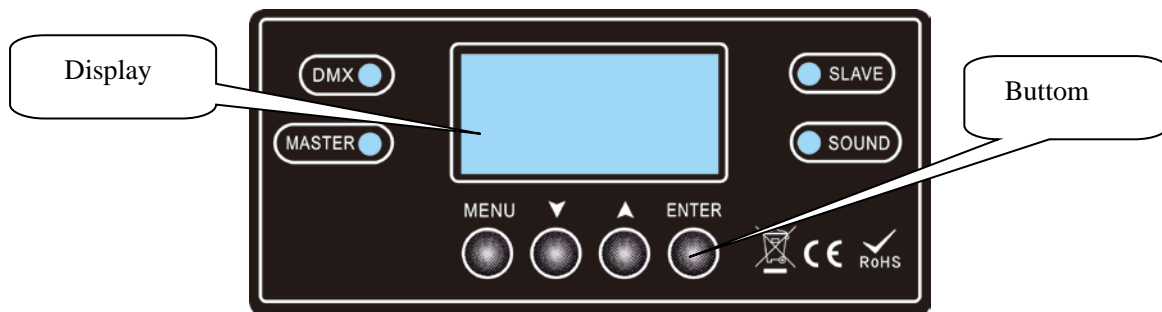
Button 1：Menu Funciton；

Button 2：Downward The data of diminishing

Button 3：Apward，Increasing data

Button 4：Enter

8.2 menu operation

NO	MENU		FUNCTION OPTION	FUNCTION
1	Address		001-512	DMX
2	Run Mod		Slave	Master-salve
			Auto	Auto
			Sound	Sound
3	Chan Mod		15CH	15ch
			17CH	17ch
4	Display	Light Off	Light	pylighton
			1Min	Backlight delay 1 min to turn off
			2MIn	Backlight delay 2 min to turn off
			3Min	Backlight delay 3 min to turn off
		Menu Bak	Off	Menu back to be off
			1Min	Menu delay 1 min to return
			2Min	Menu delay 2 min to return
			3Min	Menu delay 3 min to return
		LigtFlh	Off	backlit flicker turn off
			On	backlit flicker turn on

5	Tool	Balance	WhiteSW	White balance switch
			Red (50—255)	White balance red
			Green(50—255)	White balance green
			Blue (50—255)	White balance blue
			White(50—255)	White balance
		Sund Hig	0-16	Sound sensitivity
		Dmx Clea	Off	No Dmx
			On	No DXM O
		DefCfig	Off	KEEP SET
			On	Recover default set
6	PT Sett	Pan Cal	0-255	X 0 adjust
		Tilt Cal	0-255	Y 0 adjust
		PT Opto	On	Y reverse turn on
			Off	optocoupler adjustion off
			On	optocoupler adjustion on
		Pan Rev	Off	X reverse turn off
			On	X reverse turn on
		Tilt Rev	Off	Y reverse turn off
7	Manual	Pan	0-255	Pan rotation
		Pan Fin		Pan fine rotation
		Tilt Fin		X rotation fine tuning
		PTS peed		PT speed
		Pan Rot		X continuous rotation
		Tilt Rot		Y continuous rotation
		Red		Red
		Green		Green
		Blue		blue
		White		White
		Shutter		strobe
		Dimmer		dimming
		Color_M		Color model
		Color_P		Color temperature
		Dimm_P		Color dimming
		Reset		Reset
8	Info	Run Time	0000-9999	Use time
		Dis Vers	Vx.xx	Soft version
		XY Vers	Vx.xx	XY drive soft version
		M1 Vers	Vx.xx	Led drive soft version
		Temp	0-125	LED aluminium base temperature

9、channel

15CH	17CH	FUNCTION	DMX	DESCRIPTION
1	1	X	0-255	0~540
	2	X	0 -255	X fine tuning
2	3	Y	0 -255	0~270
	4	Y fine tuning	0 -255	Y fine tuning
3	5	XY speed	0 -255	From fast - slow
4	6	X infinited rotation	0-127	/
			128-189	X rotation from fast to slow clockwise
			190-193	Stop
			194-255	X rotation from fast to slow anticlockwise
5	7	Y infinited rotation	0-127	/
			128-189	Y rotation clockwise from fast to slow
			190-193	Stop
			194-255	Y rotation anticlockwise from slow to fast
6	8	R dimming	0 -255	Red dimming dark - bright
7	9	G dimming	0 -255	Green dimming dark - bright
8	10	B dimming	0 -255	blue dimming dark - bright
9	11	W dimming	0 -255	White dimming dark - bright
10	12	Strobe	0 -31	strobe off
			32 -63	Strobe on
			64 -95	Strobe from slow - fast
			96 -127	Strobe on
			128-159	Pulse strobe from slow to fast
			160-191	Strobe on
			192-223	Random strobe from slow to fast
			224-255	Strobe on
11	13	Master dimming	0 -255	Dimming from dark to bright
12	14	Color	0 -7	/
			8 -39	Red to Yellow
			40 -71	Yellow to Green
			72 -103	Green to Cyan
			104-135	Cyan to Blue
			136-167	Blue to Magenta
			168-199	Magenta to Red
			200-231	Red to White

			232-255	Color gradual change from slow to fast

			0 -4	/
			5 -9	White2700K
			10 -14	White3200K
			15 -19	White4200K
			20 -24	White5600K
			25 -29	White6500K
			30 -34	White8000K
			35 -39	Yellow
			40 -44	Magenta
			45 -49	Cyan
			50 -54	Salmon
13	15	Color temperature	55 -59	Turquoise
			60 -64	Light Green
			65 -69	Steel Blue
			70 -74	Orange
			75 -79	Straw
			80 -84	Pale Labander
			85 -89	Pink
			90 -94	Red
			95 -99	Green
			100-104	Blue
			105-109	White
			200-255	/
14	16	Color dimming	0-255	From light to dark
			0 -79	/
			80 -84	Reset
			85 -87	XY reset
			88 -90	/
			91 -93	/
			94 -96	/
15	17	Reset	97 -99	/
			100-119	Built-in effect 1
			120-139	Built-in effect 2
			140-159	Built-in effect 3
			160-179	Built-in effect 4
			180-199	Built-in effect 5
			200-219	Built-in effect 6

			220-239	Built-in effect 7
			240-255	Built-in effect 8