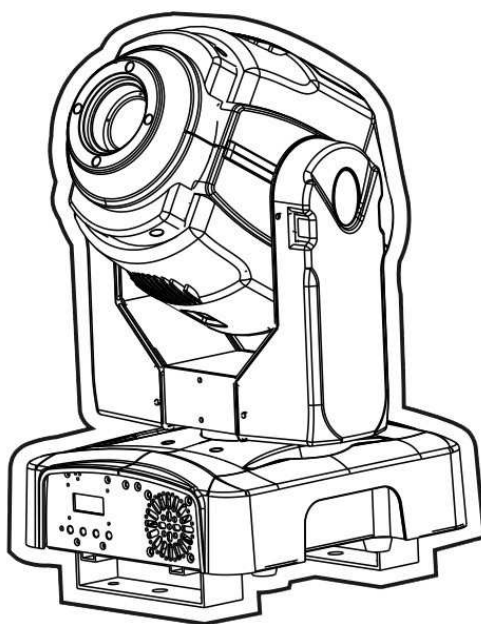


Kingbeam Lighting

60W LED Gobo Moving Head Spot



This product manual contains important information about the safe installation and use of this projector. Please read and follow these instructions carefully and keep this manual in a safe place for future reference.

Guangzhou Kingbeam Lighting Co.,Ltd
[Http://www.kingbeam.com](http://www.kingbeam.com)

P/N: LED MH
Last revision: 06:01:2011

Thank you very much for having chosen our LED moving head fixture, while unpack box and make sure there are no damages caused in transportation. Should there be any, please contact your local dealer directly for help and do not take the device into operation.

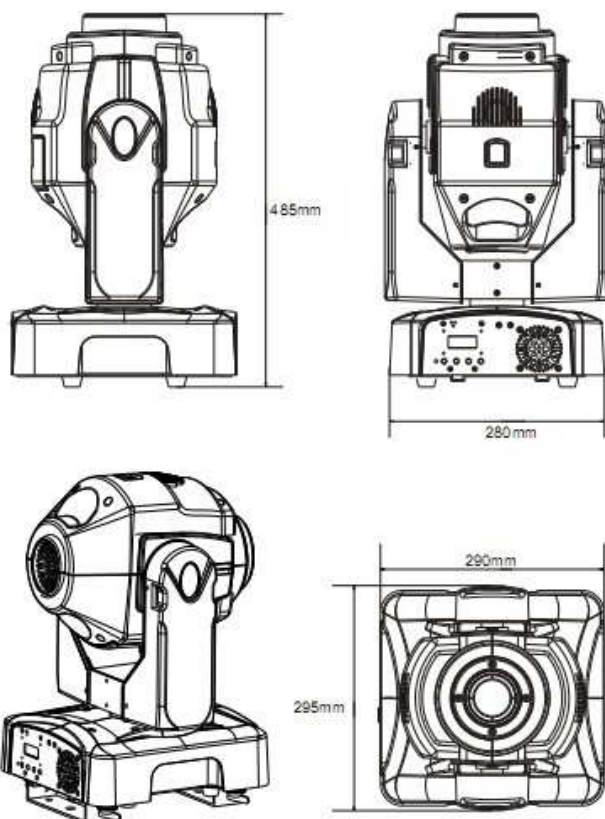
Package

Unit	-----	1	pcs
Manual	-----	1	pcs

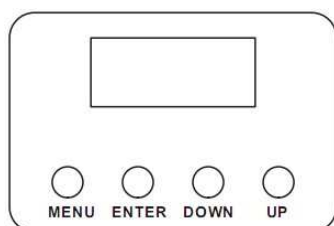
Specification

Input Voltage:	AC100-240V, 50/60Hz
LED Lamp:	60W, white
Rating power:	150 Watts
G.W.:	14 KG
Size:	295x290x485 mm

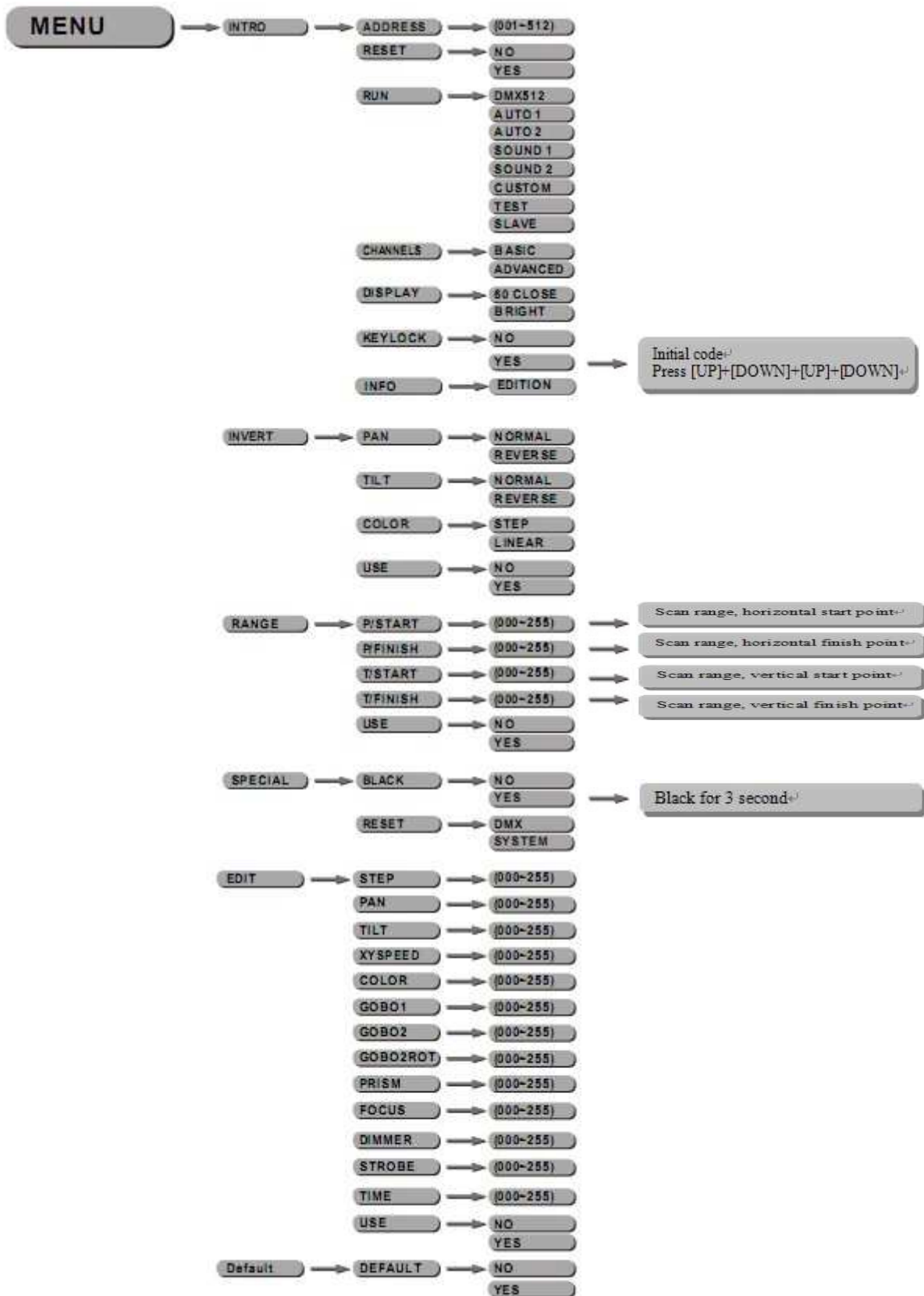
Profile Diagram



Button Diagram



MENU



Caution:

- 1) Under the mode of [keyboard]→[Yes], the initial code is as pressing [UP] + [DOWN] + [UP] + [DOWN].
- 2) Under the mode of [Range], [P/start] and [P/finish] means scan range from horizontal start point to horizontal finish point. [T/start] and [T/finish] means scan range from vertical start point to vertical finish point.

- 3) Under the mode of [special], the function of [BLACK]→[Yes] means scene black for 3 second.
- 4) Under the mode of [EDIT], If you make [Use] to be [Yes] and make [TIME] as 000, the following steps won't start up.

Multi-units in sync (Master-Slave mode)

Set first unit as Master, connect other units with dmx cables and set address code to A001.

DMX512 Addressing

Basic mode

Channels	Value	Description
CH1	000-255	X movement
CH2	000-255	Y movement
CH3	000-016	Color wheel White
	017-033	Color 1
	034-050	Color 2
	051-067	Color 3
	068-084	Color 4
	085-101	Color 5
	102-118	Color 6
	119-135	Color 7
	136-152	Color 8
	153-255	Float water effect/linear
CH4	000-009	Fixed gobo wheel No gobo
	010-019	Gobo 1
	020-029	Gobo 2
	030-039	Gobo 3
	040-049	Gobo 4
	050-059	Gobo 5
	060-069	Gobo 6
	070-079	Gobo 7
	080-089	Gobo 8
	090-099	Gobo 9
	100-114	Gobo shaken
	115-129	Gobo shaken
	130-144	Gobo shaken
	145-159	Gobo shaken
	160-174	Gobo shaken
	175-189	Gobo shaken
	190-204	Gobo shaken
	205-219	Gobo shaken
	220-234	Gobo shaken
	235-255	Float water effect

CH5	000-009	Rotated gobo wheel No gobo
	010-019	Gobo 1
	020-029	Gobo 2
	030-039	Gobo 3
	040-049	Gobo 4
	050-059	Gobo 5
	060-069	Gobo 6
	070-079	Gobo 7
	080-099	Gobo 7 shaken
	100-119	Gobo 6 shaken
	120-139	Gobo 5 shaken
	140-159	Gobo 4 shaken
	160-179	Gobo 3 shaken
	180-199	Gobo 2 shaken
	200-219	Gobo 1 shaken
	220-255	Float water effect
CH6	000-060	Gobo rotation & index Index
	061-158	Positive rotation, from slow to fast
	159-255	Negative rotation, from slow to fast
CH7		Prism and prism rotation
	000-004	No prism
	005-127	Negative rotation, from slow to fast
	128-132	No rotation
	133-255	Positive rotation, from slow to fast
CH8	000-255	Focus
CH9	000-255	Dimmer
CH10	000-031	Strobe Off
	032-063	On
	064-095	Strobe from slow to fast
	096-127	On
	128-159	Lightening strobe from slow to fast
	160-191	On
	192-223	Random strobe from slow to fast
	224-255	On
CH11	000-019	No function
	020-039	Black scene on (3 second response)
	040-059	Black scene off (3 second response)
	060-079	Auto run 1 (3 second response)
	080-099	Auto run 2 (3 second response)
	100-119	Music activate 1 (3 second response)
	120-139	Music activate 2 (3 second response)
	140-159	Customize mode (3 second response)
	160-179	Test mode (3 second response)
	180-199	No function
	200-219	Reposition (3 second response)
	220-255	No function

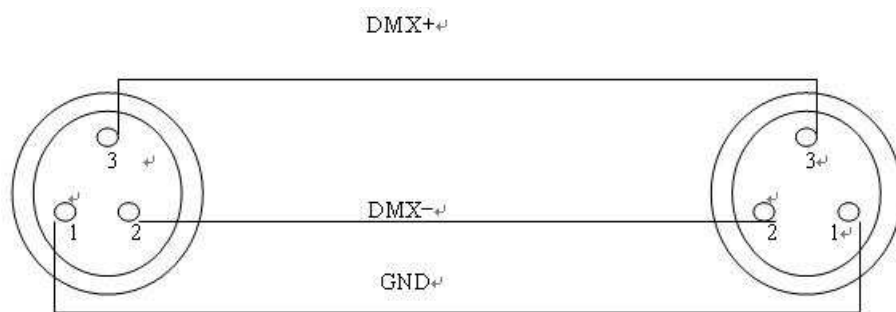
Advanced mode

Channels	Value	Description
CH1	000-255	X movement
CH2	000-255	X fine
CH3	000-255	Y movement
CH4	000-255	Y fine
CH5	000-255	Scan speed, from fast to slow
CH6	000-016	Color wheel White
	017-033	Color 1
	034-050	Color 2
	051-067	Color 3
	068-084	Color 4
	085-101	Color 5
	102-118	Color 6
	119-135	Color 7
	136-152	Color 8
	153-255	Float water effect/linear
CH7	000-009	Fixed gobo wheel No gobo
	010-019	Gobo 1
	020-029	Gobo 2
	030-039	Gobo 3
	040-049	Gobo 4
	050-059	Gobo 5
	060-069	Gobo 6
	070-079	Gobo 7
	080-089	Gobo 8
	090-099	Gobo 9
	100-114	Gobo shaken
	115-129	Gobo shaken
	130-144	Gobo shaken
	145-159	Gobo shaken
	160-174	Gobo shaken
	175-189	Gobo shaken
	190-204	Gobo shaken
	205-219	Gobo shaken
	220-234	Gobo shaken
	235-255	Float water effect
CH8	000-009	Rotated gobo wheel No gobo
	010-019	Gobo 1
	020-029	Gobo 2
	030-039	Gobo 3
	040-049	Gobo 4
	050-059	Gobo 5

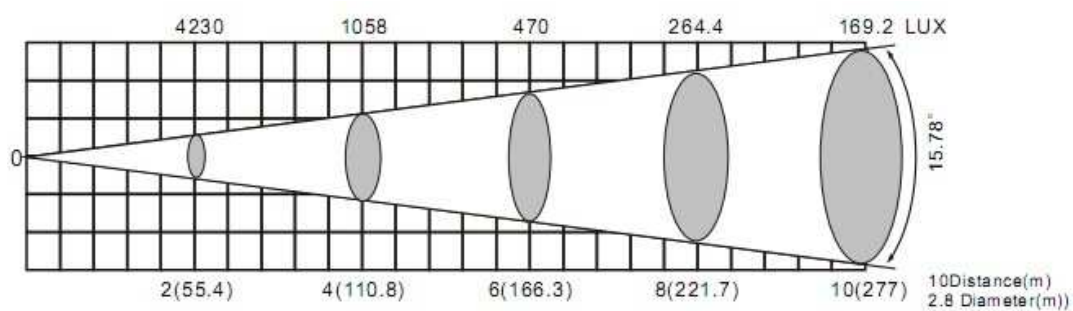
	060-069	Gobo 6
	070-079	Gobo 7
	080-099	Gobo 7 shaken
	100-119	Gobo 6 shaken
	120-139	Gobo 5 shaken
	140-159	Gobo 4 shaken
	160-179	Gobo 3 shaken
	180-199	Gobo 2 shaken
	200-219	Gobo 1 shaken
	220-255	Float water effect
CH9	000-060	Gobo rotation & index Index
	061-158	Positive rotation, from slow to fast
	159-255	Negative rotation, from slow to fast
CH10		Prism and prism rotation
	000-004	No prism
	005-127	Negative rotation, from slow to fast
	128-132	No rotation
	133-255	Positive rotation, from slow to fast
CH11	000-255	Focus
CH12	000-255	Dimmer
CH13		Strobe
	000-031	Off
	032-063	On
	064-095	Strobe from slow to fast
	096-127	On
	128-159	Lightening strobe from slow to fast
	160-191	On
	192-223	Random strobe from slow to fast
	224-255	On
CH14	000-019	No function
	020-039	Black scene on (3 second response)
	040-059	Black scene off (3 second response)
	060-079	Auto run 1 (3 second response)
	080-099	Auto run 2 (3 second response)
	100-119	Music activate 1 (3 second response)
	120-139	Music activate 2 (3 second response)
	140-159	Customize mode (3 second response)
	160-179	Test mode (3 second response)
	180-199	No function
	200-219	Reposition (3 second response)
	220-255	No function

Building a serial DMX-chain

Connect the DMX-output of the first fixture in the DMX-chain with the DMX-input of the next fixture. Always connect one output with the input of the next fixture until all fixtures are connected.



Spectrum



Temperatures

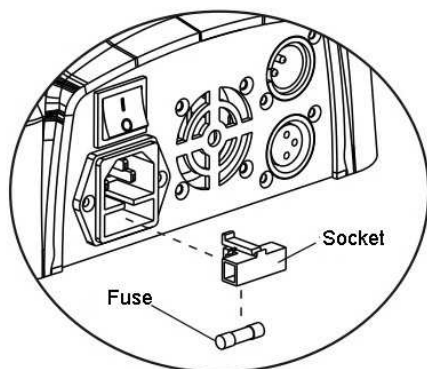
Maximum ambient temperature t_a : 45°C, indoor use only.

Maintenance

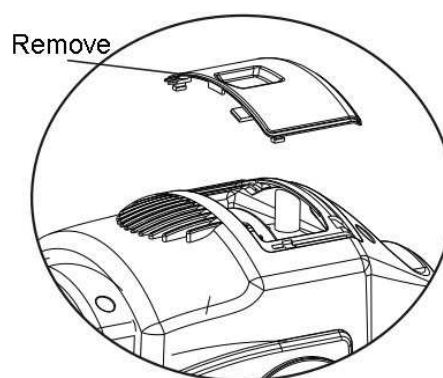
Caution:

Always disconnect power before starting maintenance operation!

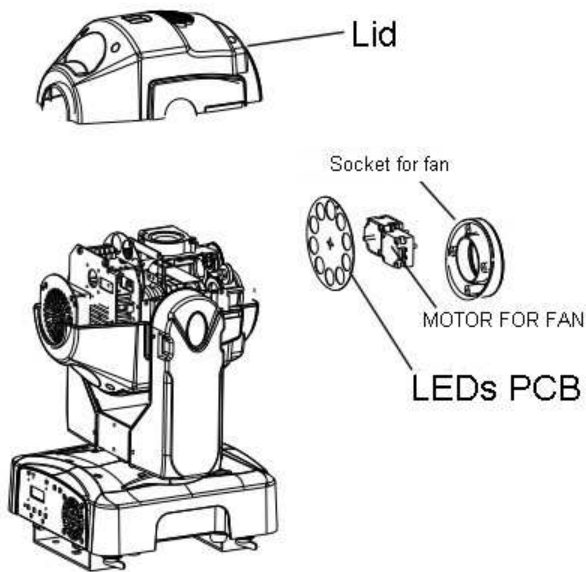
Replace fuse



Replace gobos



Replace LEDs PCB



- 1) Remove lid
- 2) Remove fan's part, socket and motor
- 3) Replace new led board
- 4) Assemble parts back

We recommend a frequent cleaning of the device.
Please use a moist, lint-free cloth. Never use alcohol or solvents.

S/N	Malfunction	Repair
1	Unit can't start.	1) Check power and cord. 2) Check fuse, if unit is too hot, overheat protection will cut down the power. Replace a new fuse. 3) Check power switch supply, inside unit
2	Unit can't be controlled by controller.	1) Check the initial DMX code of unit. 2) Check XLR, DMX cable.
3	Unit work from time to time.	Check fans, any dust?
4	Light beam weak,	Inside lens dust? Dirty? Or even broken?
5	LED won't light but others work normal	1) LED board defective 2) Drive PCB defective

--THE END--