LED 230W BEAM MOVE HEAD LIGHT

Product Instruction

Voltage: AC90V ~ 275V / 50 ~ 60Hz		**LED Source:** 230W White LED
Channel: 18/6 CH		**Beam:** effect of angle change of multistage beam
Color temperature: 7500k		**Dimming:** 0-100% linear adjustment
LED life: Avereage5000 hours		**Beam angle:** parallel beam angle 0 ° - 2.3 °
Color disk: 7 colors + white light		**Atomizing** light angle 8 °
Static Gobo:7 gobos + open		**Strobe:** 1-25Hz With Pulse Effect
Rotate Gobo:7 gobos +open		**Lumen value parameter:** 20m / 186700lux 40m / 48175lux 60m / 20855lux
Prism: 5 array prism and 6 circular prism		**Projection range:** 540 degrees in X direction, 270 degrees in Y direction, automatic correction and positioning
Appearance: high temperature resistant plastic shell, high strength alloy cold pressed core material		**Scanning speed:** 3.0 seconds / 540 degrees in X direction, 2.0 seconds / 250 degrees in Y direction
Focus: linear focus		**Protection class:** IP20
Size of Dimension：343*239*537mm		**Net weight:** 12.5KG
Paking Dimension:48.5*35*39cm		**Grose Weight:**14KG

Display description

A. software features:

1. LCD 650000 color touch TFT interface, convenient operation, beautiful interface.
2. The two operation modes of physical button and touch are completely independent and can be used in combination.
3. All operations can be completed independently with physical keys.
4. All operations can be completed by touching independently
5. All operations can be completed by mixing physical keys and touch mode.

B. high intelligence

For example: during reset, check whether hall and optocoupler are wrong and give a prompt.

C. reset calibration (zero calibration)

X axis, Y axis, color wheel, pattern disk

Cable connection （DMX）

IMPORTANT: The wires must not make contact with each other or with the metal casing of the connectors. The casing itself must be connected to the shield braid and to pin 1 of the connectors.
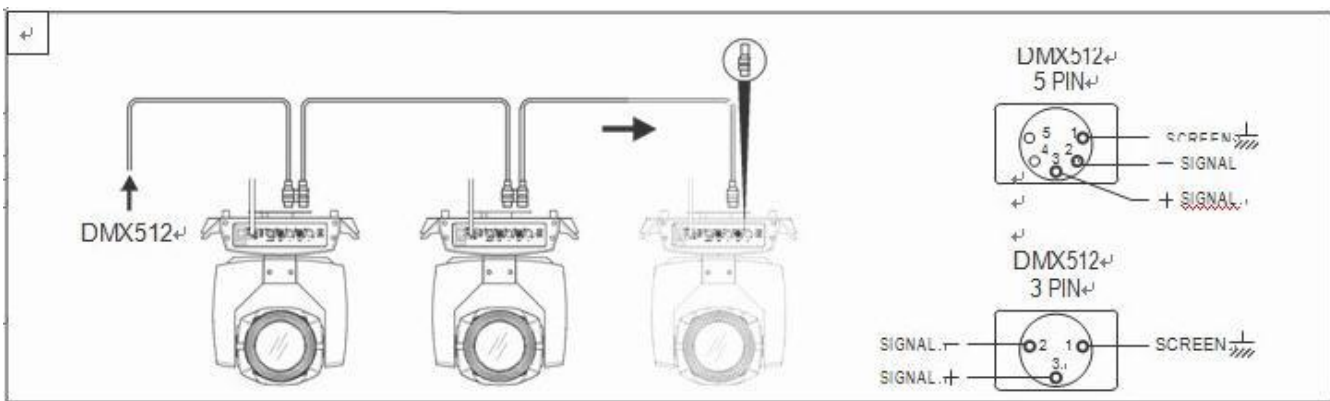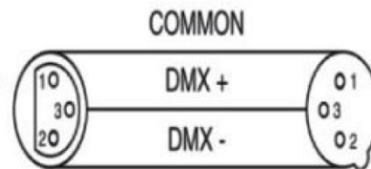
2.4 DMX-512 connection with DMX terminator

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.
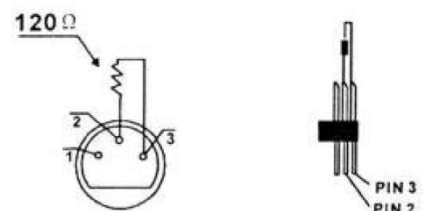
Thank you for your patronage. We are confident that our excellent products and service can satisfy you. For your own safety, please read this user manual carefully before installing the device.In order to install,operate, and maintain the lighting safety correctly. We suggest that the installation and operation should be done by the verified technician and follow the instruction strictly.

Every person involved with the installation, operation and maintenance

of this device has to:

-be qualified

-follow carefully the instructions of this manual

⚠ **CAUTION!** Keep this device away from rain and moisture!

CAUTION! Unplug mains lead before opening the housing!

Rigging (Optional)

This equipment can be positioned and fixed by clamp in every direction of the stage. Locking system makes it easy to fasten to the bracket.

Attention! Two clamps is needed to fix the equipment. Every clamp is locked by fastener of 1/4 kind. Fastener can only be locked clockwise.

Attention! Fasten a safety string to the additional hole of side aluminum piece. The secondary accessory can not hang on the delivery handle. Nip the equipment on bracket.

- Check if rigging clamp (not including the one inside) damaged or not? If stand ten times weight as the equipment. Make sure the architecture can stand ten times weight as all the equipments, clamps, wirings and other additional fixtures.
- Screws for clamping must be fixed firmly. Take one M12 screw (Grade 8.8 or higher) to clamp bracket, and then screw the nuts.
- Level the two hanging points at the bottom of clamp. Insert fastener to the bottom, lock the two levers by 1/4 rotating clockwise; then install another clamp.
- Install on safety string which stands at least ten times weight as equipment. Terminal of the accessory is designed for clamps.
- Make sure pan/tilt lock unlocked or not. Keep the distance more than 1M from equipment to flammable material or lighting source.

Lumen Chart:

Spot Diameter(m)

25°

| 0 | 1m | 2m | 3m | 4m | 5m |
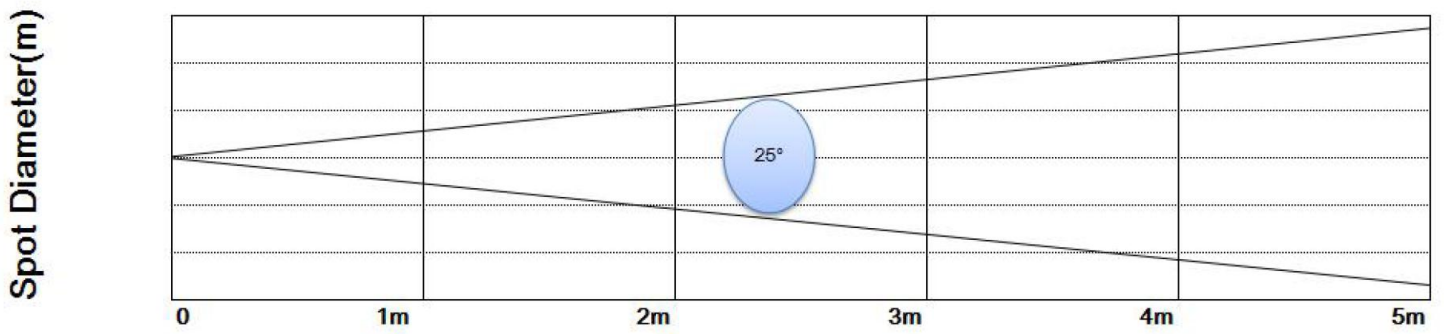
Lumen Chart

Distance (m)	2m	3m	5m
ALL (Lux)	9800	5500	2200

Beam Diameter(m)

11°

| 0 | 1m | 2m | 3m | 4m | 5m |
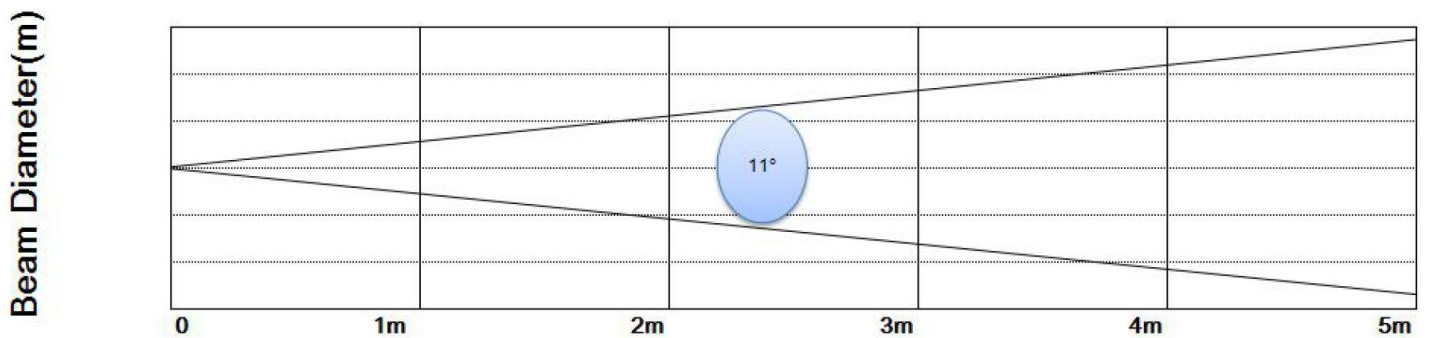
Lumen Chart

Distance (m)	2m	3m	5m
ALL (Lux)	26500	11500	5600

Option	Description	
DMX Address	1-512	1-512 press the "OK" key to enter the editing status.
Operating Mode	DMX 18Ch	Set DMX control 18 channel mode
	DMX 6Ch	Set DMX control 6 channel mode
	Auto	Function auto run mode
	Sound	Function sound active mode
	Master Auto	The first projector lead other run auto mode
	Master Sound	The first projector lead other run sound active mode
	Slave	Set projector to be slave mode
Language setting	简体中文	Simplified Chinese
	English	English
Advanced setting	Pan Reverse	ON/OFF Reverse PAN move.
	Tilit Reverse	ON/OFF Reverse TILT mover.
	Display Reverse	Upside down
	Reset Motor	Reset Motor
	Factory Reset	Load Factory setting
	Home Position	
	Mic Sensitivity	Sound active Microphone Sensitivity
System Info	Current Time	Current Run Time
	Total Time	Total Run Time
	Current Mode	Current DMX channel Mode
	Temperature	Current Temperature
	Software Version	Current Version
Manual Control	Manual Drive	Pan/Tilt,Dimer,Color GOBO........

18 Channel mode:

CH	Function	BRIEF	Function
CH1	Pan	0-255	**0-540°**
CH2	Pan fine	0-255	**0-2°**
CH3	Tilt	0-255	**0-270°**
CH4	Tilt fine	0-255	**0-1°**
CH5	P/T speed	0-255	**From fast to slow**
CH6	Dimming	0-255	**0-100% dimming**
CH7	Strobe	5-250	**From slow to fast strobe**
		251-255	**Open light**
CH8	Color	000-004	**White**
		005-013	**White / Red**
		014-022	**Red**
		023-031	**Red / Yellow**
		032-040	**Yellow**
		041-049	**Yellow / Green**
		050-058	**Green**
		059-067	**Green / Blue**
		068-076	**Blue**
		077-085	**Blue / Lemon yellow**
		086-094	**Lemon yellow**
		095-103	**Lemon yellow / Sky blue**
		104-112	**Sky Blue**
		113-121	**Sky Blue & Pink**
		122-130	**Pink**
		131-139	**White**
		140-195	**Clockwise From slow to fast**
		200-255	**Anti-clockwise From slow to fast**
CH9	Gobo 1#	001-007	**Solid**
		008-017	**Weave**
		018-027	**Woven square**
		028-037	**Circle**
		038-047	**Darts**
		048-057	**Circular**
		058-067	**Weaving circle**
		068-077	**Snowflake**
		078-087	**Weave Jitter**
		088-097	**Woven square Jitter**
		098-107	**Circle Jitter**
		108-117	**Darts Jitter**
		118-127	**Circular Jitter**
		128-137	**Weaving circle Jitter**
		138-147	**Snowflake Jitter**
		148-200	**Clockwise From slow to fast**

		203-255		Anti-clockwise From slow to fast	
CH10	Gobo 2#	000-007		Solid	Gobo Select
		008-017		Knot	
		018-027		Machete	
		028-037		Sunshine	
		038-047		Star	
		048-057		Bar circle	
		058-067		Darts	
		068-077		Lollipop	
		078-087		Knot	Jitter Action Slow to fast
		088-097		Machete	
		098-107		Sunshine	
		108-117		Star	
		118-127		Bar circle	
		128-137		Darts	
		138-147		Lollipop	
		148-199		Forward Rotate(From slow to fast)	
		204-255		Reverse Rotate(From slow to fast)	
CH11	Gobo 2#Rotation	0-130		Forward flow (From slow to fast)	
		131-255		Reverse flow(From fast to slow)	
CH12	Zoom	0-255		Linear Zoom	
CH13	Focus	0-255		Linear Focus	
CH14	Prism	008-099		Insert circular prism	
		131-255		Insert bar prism	
CH15	PrismRot	0-129		Prism Rotate slow to fast	
		134-255		Prism Rotate Reverse fast to slow	
CH16	Macro function	008-255		Macro Color and gobo auto run	
CH17	Motor auto	008-255		Macro motor auto run	
CH18	Reset	250-255		Reset system	

6 Channel mode:

CH	Function	BRIEF	Function	
CH1	Pan	0-255	**0-540°**	
CH2	Tilt	0-255	**0-270°**	
CH3	Dimming	0-255	**0-100% dimming**	
CH4	Strobe	5-250 251-255	**From slow to fast strobe** **Open light**	
CH5	Macro function	008-255	**Macro Color and gobo auto run**	
CH6	Motor auto	008-255	**Macro motor auto run**	

Maintenance and Cleaning

The following points have to be considered during the inspection:

1. All screws for installing the devices or parts of the device have to be tightly connected and must not be corroded.

2.There must not be any deformations on the housing, color lenses, fixations and installation spots (ceiling, suspension, trussing).

3. Mechanically moved parts must not show any traces of wearing and must not rotate with unbalances.

4.The electric power supply cables must not show any damage, material fatigue or sediments.

Further instructions depending on the installation spot and usage have to be adhered by a skilled installer and any safety problems have to be removed.

CAUTION!

Disconnect from mains before starting maintenance operation.

In order to make the lights in good condition and extend the life time, we suggest are gular cleaning to the lights.

1) Clean the inside and outside lens each week to avoid the weakneness of the lights due to accumulation of dust.2) Clean the fan each week.

3) A detailed electric check by approved electrical engineer each three month, make sure that the circuit contacts are in good condition, prevent the poor contact of circuit from overheating.

We recommend a frequent cleaning of the device. Please use a moist, lint- free cloth,Never use alcohol or solvents.There are no serviceable parts inside the device. Please refer to the instructions under "Installation instructions" .Should you need any spare parts,please order genuine parts from your local dealer