

USER'S MANUAL

150W BEAM MOVE HEAD LIGHT



Product Instruction

Voltage: AC90V ~ 275V / 50 ~ 60Hz	LED Source: 150W White LED
Control mode: 18 international standardDMX512CH	Beam: effect of angle change of multistage beam
Color temperature: 7500k	Dimming: 0-100% linear adjustment
LED life: Average5000 hours	Beam angle: parallel beam angle 0 ° - 2.3 °
Color disk: 7 colors + white light	Atomizing light angle 8 °
Pattern disk: 1 rotating pattern disk + 1 metal pattern disk pattern disk prism: 1 prism and 3 sides	Strobe: 1-25Hz With Pulse Effect
Lumen value parameter: 20m / 186700lux 40m / 48175lux 60m / 20855lux	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: 14.5KG
Paking Dimension: 46*46*58cm	Grose Weight: 23KG

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.

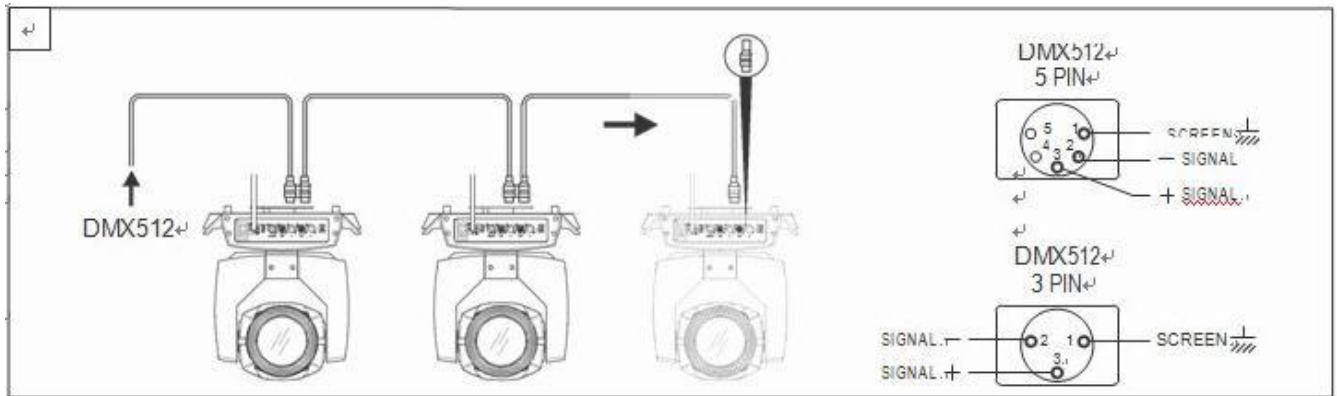


Figure 1 DMX Cable connection

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.

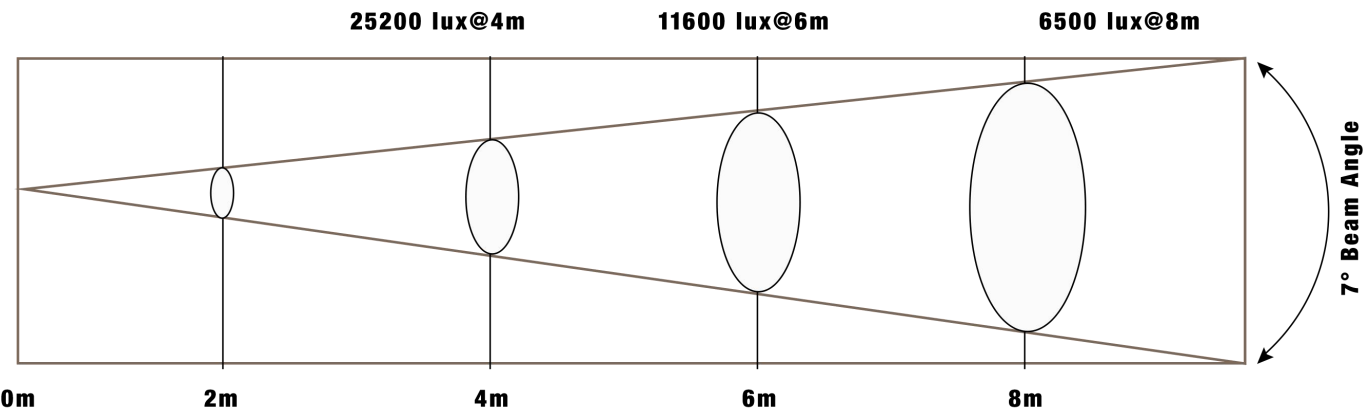
Fastener can only be locked clockwise.

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.

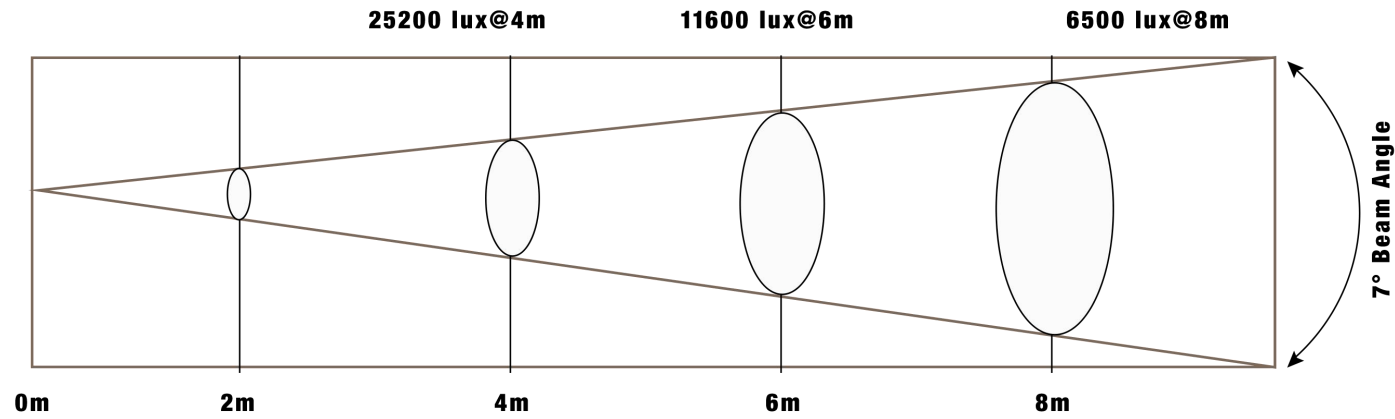
- Check if rigging clamp (not including the one inside) damaged or not? If stand ten times weight as the equipment. Make sure the architecture can stand ten times weight as all the equipments, clamps, wirings and other additional fixtures.
- Screws for clamping must be fixed firmly. Take one M12 screw (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.

Photometric Data:


















Lux Data of 7degree beam angle:










































Lux Data of 21 degree beam angle:



Option	Description	
Addre	1-512	1-512 press the "OK" key to enter the editing status.
Set	Run Mode	DMX mode /Sound Mode / Auto Mode
	Fixture ID	Name This ID
	Chanel Mode	18CH
	Inverse Pan	ON/OFF Reverse PAN move.
	Inverse Tilt	ON/OFF Reverse TILT mover.
	Pan-Tilt Swap	Pan-Tilt interchange
	Encoder	Click position error correction
	No signal	Keep or clear Value
	Screen Saver	when panel is idle(these is no operation in 10 second),As 'OFF', keep light up displayer and show main menu。
	Language	Chinese or English
	Load Default	Load factory set
Check	Manual Drive	Pan/Tilt,Dimer,Color GOBO.....
Calib	Password	
Test	Testing	Used for test light,modify DMX channel data to test function the corresponding function of reference channel function table.
Note	System Info	Current Motor and Version information

CH	Function	BRIEF	Detailed
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	0-3 4-103 104-107 108-207 208-212 213-251 252-255	Turn off the light  From slow to fast pulse stroboscopic Open light From slow to fast Open light From slow to fast random strobe  Open light
CH8	Color	000-009 010-019 020-029 030-039 040-049 050-059 060-069 070-079 080-089 090-099 100-109 110-119 120-129 130-139 140-149 150-159 160-204 205-210 211-255	 White  Red  Green  Blue  Yellow  Pink  Sky Blue  Orange  White & Red  Red & Green  Green & Blue  Blue & Yellow  Yellow & Pink  Pink & Sky Blue  Sky Blue & Orange  Orange & White  Clockwise From slow to fast  White  Anti-clockwise From slow to fast
CH9	Gobo 1#	004-009 010-014 015-019 020-024 025-029 030-034 035-039 040-044 045-049 050-054 055-064 065-074 075-084 085-094 095-104	 Solid  Bow tie  Circular matrix  Clover  Triangle  Random spot  Hub  Cross  Dot array  Lemon slice  GOBO index  Solid Jitter  Bow tie Jitter  Circular matrix Jitter  Clover Jitter

		105-114		Triangle Jitter	
		115-124		Random spot Jitter	
		125-134		Hub Jitter	
		135-144		Cross Jitter	
		145-154		Dot array Jitter	
		155-202		Clockwise From slow to fast	
		203-219		Gobo index	
		220-255		Anti-clockwise From slow to fast	
CH10	Gobo 2#	000-009		Solid	Gobo Select
		010-019		Vortex	
		020-029		Silhouette	
		030-039		Ice crystal	
		040-049		Dice	
		050-059		Bauhinia	
		060-069		Decorative pattern	
		070-079		Solid	Jitter Action Slow to fast
		080-089		Weave	
		090-099		Strip shape	
		100-109		Y font	
		110-119		Array	
		120-129		Water Polo	
		130-139		Branch	
		140-202		Forward Rotate(From slow to fast)	
		203-207		No Effect	
		208-255		Reverse Rotate(From slow to fast)	
CH11	Gobo 2#Rotation	0-127		Rotate 360 angel	
		128-191		Forward flow (From slow to fast)	
		192-255		Reverse flow(From slow to fast)	
CH12	Prism	128-255		Insert prism	
CH13	PrismRot	0-127		Prism Rotate 90 angel	
		128-191		Prism Rotate slow to fast	
		192-255		Prism Rotate Reverse slow to fast	
CH14	Frost	0-127		Remove Frost	
		128-255		Insert Frost	
CH15	Focus	0-255		Linear Focus	
CH16	Zoom	0-255		Linear Zoom	
CH17	Funktion	131-220		Macro Effect	
		221-255		Sound control	
CH18	Reset	250-255		Reset system	

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 regular cleaning to the lights.

- 1) Clean the inside and outside lens each week to avoid the weakness 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