

USER'S MANUAL

200W BEAM MOVE HEAD LIGHT



Product Instruction

Voltage: AC90V ~ 275V / 50 ~ 60Hz	LED Source: 200W 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: 9 colors + white light	Atomizing light angle 8 °
Pattern disk: 1 rotating pattern disk + 1 metal pattern disk pattern disk prism: 1 prism and 4 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.

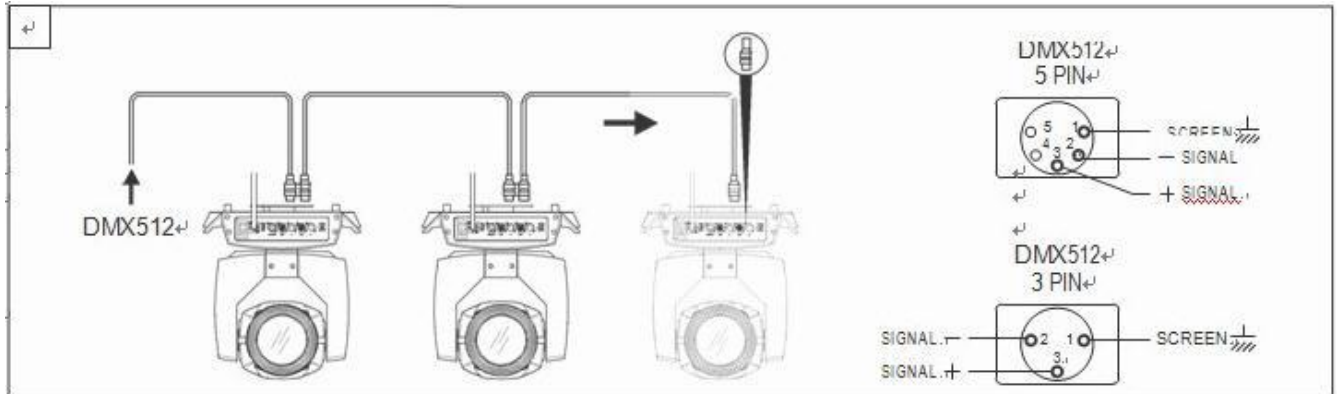


Figure 1 DMX Cable connection

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.

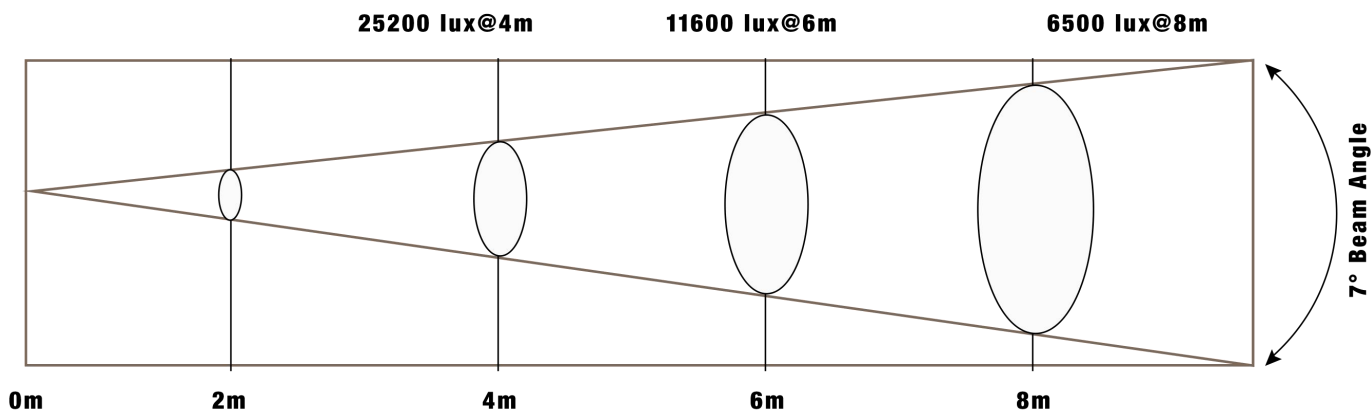
Fastener can only be locked clockwise.

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.

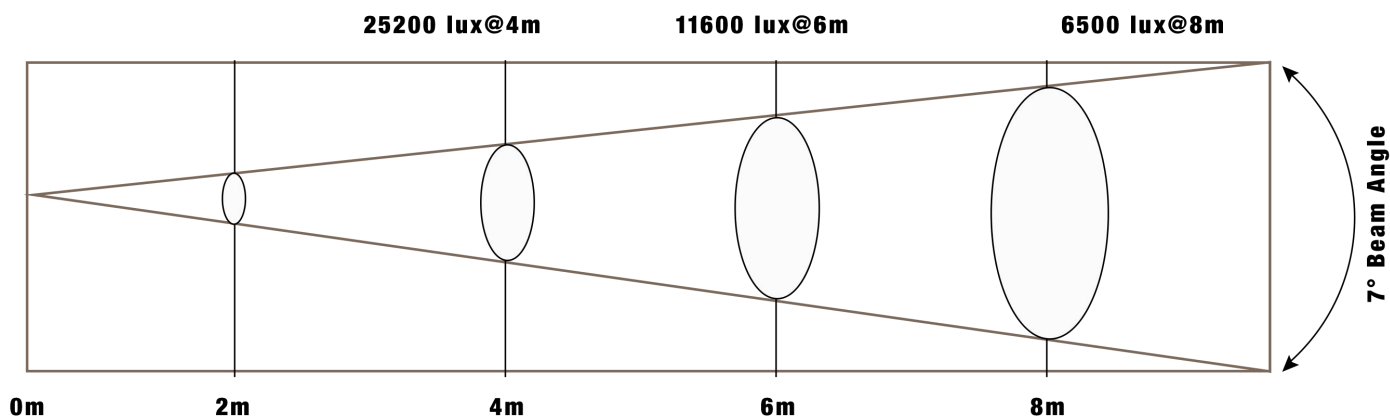
- Check if rigging clamp (not including the one inside) damaged or not? If stand ten times weight as the equipment. Make sure the architecture can stand ten times weight as all the equipments, clamps, wirings and other additional fixtures.
- Screws for clamping must be fixed firmly. Take one M12 screw (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	
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	000-009 010-019 020-029 030-039 040-049 050-059 060-069 070-079 080-089 090-099 100-109 110-119 120-129 130-139 140-149 150-159 160-169 170-179 180-189 190-199 200-225 226-229 230-255	<div> White</div> <div> Red</div> <div> Green</div> <div> Blue</div> <div> Yellow</div> <div> Pink</div> <div> Light Green</div> <div> Sky Blue</div> <div> Light Pink</div> <div> Orange</div> <div> White & Red</div> <div> Red & Green</div> <div> Green & Blue</div> <div> Blue & Yellow</div> <div> Yellow & Pink</div> <div> Pink & Light Green</div> <div> Light Green & Sky Blue</div> <div> Sky Blue & Light Pink</div> <div> Light Pink & Orange</div> <div> Orange & White</div> <div> Clockwise From slow to fast White Anti-clockwise From slow to fast </div>
CH9	Gobo 1#	001-004 005-009 010-014 015-019 020-024 025-029 030-034 035-039 040-044	<div> Solid</div> <div> Halo</div> <div> Radial dots</div> <div> Swirl</div> <div> Swirl</div> <div> Facula</div> <div> Rose</div> <div> Star Ring</div> <div> Star</div>

		045-049 050-054 055-064 065-074 075-084 085-094 095-104 105-114 115-124 125-134 135-144 145-154 155-202 203-206 207-255	 Solid  Solid Jitter  Halo Jitter  Radial dots Jitter  Swirl Jitter  Swirl Jitter  Facula Jitter  Rose Jitter  Star Ring Jitter  Star Jitter  Solid Jitter Clockwise From slow to fast NO Effect Anti-clockwise From slow to fast	
CH10	Gobo 2#	000-009 010-0190 20-029 030-039 040-049 050-059 060-069 070-079 080-089	 Solid  Weave  Strip shape  Y font  Array  Water Polo  Branch  Flower  Solid	Gobo Select
		090-099 100-109 110-119 120-129 130-139 140-149 150-159	 Weave  Strip shape  Y font  Array  Water Polo  Branch  Flower	Jitter Action Slow to fast
		160-205 206-2102 11-255	Forward Rotate(From slow to fast) No Effect Reverse Rotate(From slow to fast)	
CH11	Gobo 2#Rotation	0-127 128-191 192-255	Rotate 360 angel Forward flow (From slow to fast) Reverse flow(From slow to fast)	
CH12	Prism	128-255	Insert prism	
CH13	PrismRot	0-127 128-191 192-255	Prism Rotate 90 angel Prism Rotate slow to fast Prism Rotate Reverse slow to fast	
CH14	Frost	0-127 128-255	Remove Frost Insert Frost	
CH15	Focus	0-255	Linear Focus	
CH16	Zoom	0-255	Linear Zoom	
CH17	Funktion	131-220 221-255	Macro Effect 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 are gular 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