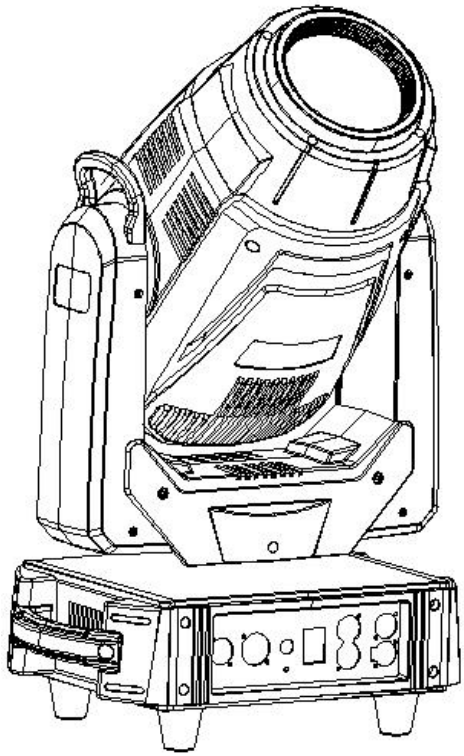
POINTEY 470W LED
Moving Head Light



User Manual

Note: This manual include important information on how to install and use it safely. Please read it carefully before install and operate as required. At the same time, please keep this manual properly for emergencies.

Contents

Accessories:

The following random accessories have been packaged with light, please check and verify:

Name	QTY	Remark
Signal cable	1	
Power cable	1	
User manual	1	
Safety rope	1	charge
G clamp	2	charge
Omega clamp	2	charge

When this product leaves the factory, the performance is intact and the packaging is complete. All users should strictly abide by the warnings and operating instructions stated in this manual. Any damage caused by misuse is not covered by the company's warranty. Failures and problems caused by ignoring the operating manual are not within the scope of the dealer's responsibility.
This manual is subject to technical changes without notice.

Note: The company's products are calculated based on the company's delivery date. The warranty period of the whole machine is one year, and the light source is not within warranty.

1 SAFETY INSTRUCTIONS

Notice
Please read the safety requirements in this section carefully before installing, energizing, operating or repairing !

The following important safety signs will be used in this product manual

● After receiving the lamp, please unpack and check whether there is any damage caused by transportation. If there is damage caused by transportation, please do not use this lamp, and contact the dealer or manufacturer as soon as possible.
● The manufacturer will not be held responsible for the losses caused by not following this manual and changing the lamps at will.
● Please note that the damage to the lamp caused by the modification of the lamp is not covered by the warranty.
● If you have any questions or suggestions, please contact the dealer or manufacturer in time.

● When the lamp is in use, it must be kept away from high temperature, fire, electric shock, vibration and strong light environment.
● Qualified operators can carry out installation, maintenance and repair, and ensure that they operate in strict accordance with the operating procedures of this manual
● There are no children who can be repaired by the user inside this lamp, please do not open the lamp to repair by yourself.

● Do not look directly at the light source of the lamp (especially for patients with epilepsy) to avoid damage to the eyes!

● Do not connect this lamp to any other dimming device.

● If visible damage occurs to the light source, lens or display protective cover on the lamp, it is damaged to the extent of failure. If cracks or deformation occur, please stop using it and contact the manufacturer to replace the original accessories, otherwise normal use will be affected.

● The installation position of the luminaire should be such that it will not be stared at at a distance of less than 4 meters for a long time.

● Before starting to operate the lamp, please check whether all the covers (or shells) have been installed and whether the screws have been tightened reliably. It is forbidden to use the lamp with the cover (or shell) open.

● Keep the lamp clean and do not touch the lamp glass directly with your hands.

● During operation, it is recommended to wear necessary protective equipment, such as goggles, gloves, etc.

● The person who connects the electrical part must have the corresponding qualifications before the operation.

● Before installation, please make sure that the power supply voltage you are using matches the voltage marked on the lamp.

● Each lamp should be properly grounded, and electrical installation should be carried out in accordance with relevant standards.

● Do not use power cords with damaged insulation, and do not overlap power cords with other wires.

● When the lamp is not in use or cleaning, please hold the power cord plug to unplug it, do not pull or directly pull the power cord.

● Make sure that the power cord used complies with safety regulations.

● If the lamp is not waterproof or dustproof, please be careful not to short-circuit the lamp when it is exposed to rain or moisture during the operation of the lamp.

● Do not turn on or off the lamp repeatedly within a short period of time, as this will shorten the life of the lamp light source or other electrical components.

● There is a safety rope connection hole at the bottom of the lamp. For safety reasons, please pass the safety rope equipped with the lamp through the safety rope connection hole for auxiliary lifting.

● Before any installation, maintenance and cleaning of the lamp, please make sure that the power supply has been cut off!

● Under normal working conditions at room temperature, the temperature of the outer metal surface of the lamp (including the surface of the radiator) will reach 50°C at the highest temperature.

● There will be smoke and peculiar smell before the light is turned on for the first time. This is a normal process and does not mean that the lamp is defective.

● When using, do not touch the shell with bare hands to avoid burns!

● Please do not install the lamp directly on the surface of ordinary combustible materials.

● Do not project the lamp directly on combustible objects, and the distance between the lamp and the illuminated object is more than 10 meters.

● The lamp should be installed in a well-ventilated place, and the distance from the wall should be kept at least 50 cm. At the same time, please check whether the fan and ventilation holes are unblocked.

●Please do not expose the front glass to sunlight or other strong light sources from any angle. The lens may focus the light in the lamp, which may cause a potential fire hazard.

● This product complies with the "General Technical Requirements Standards for the Recycling of Waste Electrical and Electronic Products"

● When the product reaches the scrap standard and needs to be scrapped, the customer can scrap and recycle the product.

2 USER INSTRUCTIONS

Cleaning and Maintenance

When the lamp cannot be started, please check whether the power fuse of the lamp is blown. The lamp is equipped with an overheating protection device. The protection device will automatically cut off the power when it is overheated. When this happens, please check whether the fan is running normally and whether the fan and fan net are blocked by dust. Find out the fault and repair it before starting the lamp.

Because substances such as smoke oil and dust tend to adhere to the lens and reduce the light output, in order to ensure the reliable use of the lamp, it is very necessary to keep the lamp clean. The cooling fan should be cleaned every 15 days. The cleaning of internal and external optical lenses, mirrors, and coated color filters must be performed periodically to optimize light output.

The cleaning frequency depends on the operating frequency of the lamp and the surrounding environment. When cleaning, use a soft cloth and general glass cleaning products to clean. It is recommended to clean the external optical system at least once every 20 days, and clean the internal optical system at least once every 30/60 days. Keep the lens clean and do not directly touch the optics of the lamp with your hands.

●Before performing any maintenance and cleaning the lamp, please make sure that the power has been cut off!
●Only qualified technicians can carry out maintenance work.
●Before maintenance,the power must be completely cut off!

●In order to prevent sunlight or other light from directly irradiating the head lens and focusing on the inside of the lamp body to cause high temperature damage to the lamp, before the lamp is powered off,

please use the Y-axis control channel to keep the lamp head down.

● Do not wipe the lamp housing with organic solvents such as alcohol to avoid damage.

● Do not use any solvents containing chemical components to clean the coated color filters.

● Lubrication

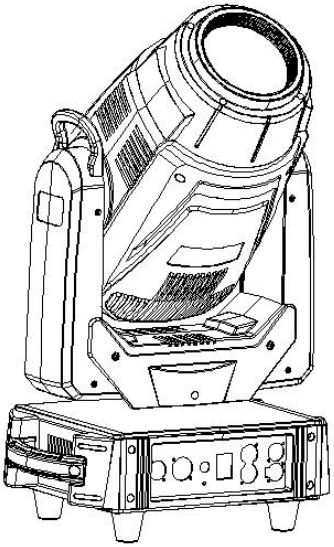
In order to maintain the smooth rotation of the gobo and the smooth movement of the focus lens, it is recommended to give the focus lens every two months

The 4 guide rails and the 4 guide rails of the magnifying lens are lubricated once. Good and high-temperature-resistant lubricating oil/grease should be used.

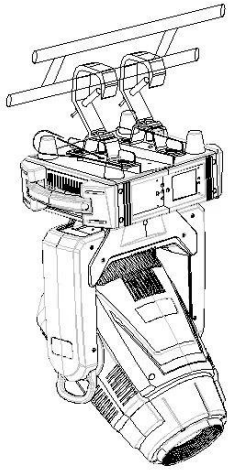
●Ordinary Troubleshooting

Fault description	Take countermeasures
The lamp can't work normally	check if the power fuse is blown Check if the bulb is in good condition
The lamps are not controlled by the controller	Check if the DMX start address of the lamp is set correctly Check if the XLR signal cable is damaged
The lamps work intermittently	Check whether the fan is working normally, and whether dust is blocking the fan and the fan net
The light is dim and the brightness is obviously reduced	Check whether the LED light source has reached the expiration date Check whether the internal and external optical system is clean
The beam is impure (has a halo)	Clean the dust and oil from the lens and other parts
Serious beam distortion	Check if the lens is broken Clean the lens dust or oil

3 LAMP APPEARANCE

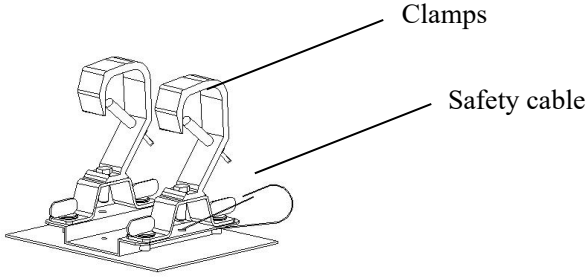


4 INSTALLATION



Warning!!

To ensure safety, please pass the safety rope through the connection hole to ensure safety.



Take out the 2 hooks and 1 safety rope that came with the machine, use the 4 hook quick knobs attached to the hooks to install the 2 hooks on the bottom of the luminaire, and then hang the luminaire on the fixed bracket with the hooks and twist Tighten the hook and lock bolts to fix the whole lamp. Please confirm that the lamp is installed firmly and reliably, and ensure that the hoisting position has enough strength to bear the weight of the lamp. For safety reasons, please follow the warning shown in the figure above to pass the safety rope provided with the lamp through the safety hole at the bottom of the lamp holder for auxiliary lifting to ensure safety.

Warning!!

- The hook is only used when hoisting the lamp. It is strictly forbidden to use the hook as a handle to carry the lamp. Please use the handle when carrying.
- For safety reasons, please use a safety rope that can withstand 10 times the weight of the lamp to pass through the safety hole of the lamp for auxiliary lifting.

- Power connection:

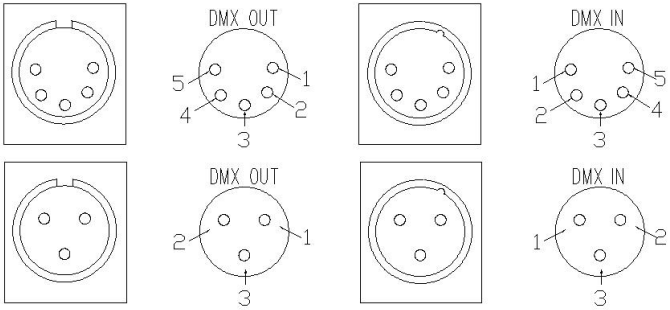
The power cord connection is as follows:
L (fire wire) = brown wire
E (ground wire) = yellow/green two-color wire
N (center line) = blue line

When connecting the power supply, please note that the power supply voltage and frequency must be consistent with the voltage and frequency marked on the nameplate of the lamp. When multiple lamps are used at the same time, it is recommended to connect the power supply of each lamp separately, so that each lamp can be individually controlled on/off.

● When connecting the power supply, the ground wire (yellow/green two-color wire) must be safely grounded, and the electrical installation must comply with all relevant standards.

● If you have any questions about electrical installation, please do not operate and consult a qualified electrician.

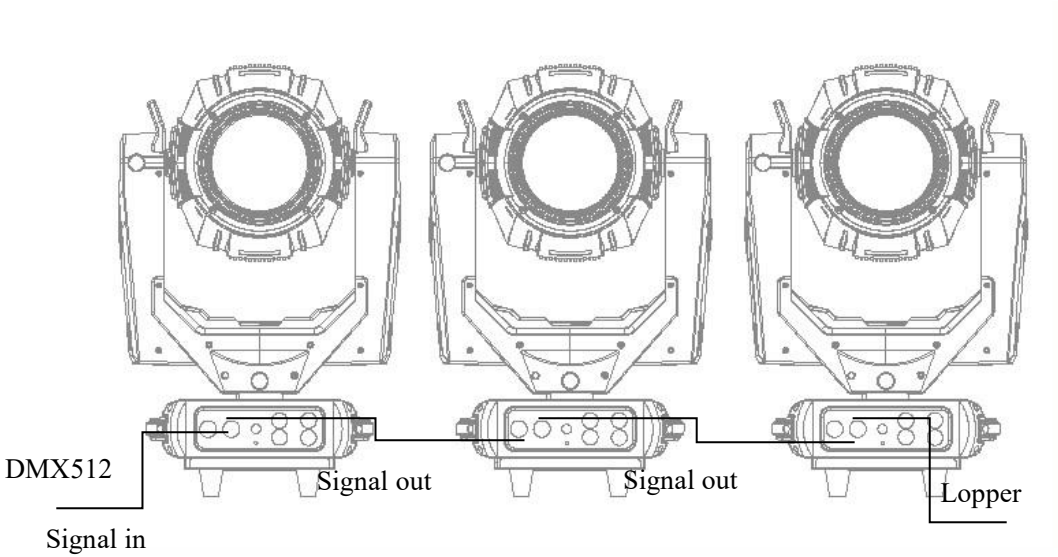
● Connection of control signal:



DMX512	
PIN	FUNCTION
1	GND
2	DATA-
3	DATA+
4	NO FUNCTION
5	NO FUNCTION

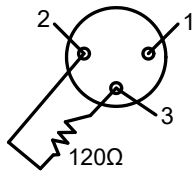
The connection between the lamp and the controller and between the lamp and the lamp must use a two-core shielded wire with a diameter of not less than 0.5 mm. Please use a 3-pin (included) XLR plug/seat to connect the DMX512 output/inlet of the lamp. The connection between the XLR plug/socket and the wire is shown in the list above. It must be noted that the 3-core of the XLR plug/seat cannot be in contact with the inner shell and the core and the core cannot be in contact during the connection. Except for the connection methods shown in the list above, the XLR plug/seat and the XLR control line cannot be connected in any other way. This product receives the international standard DMX512 (1990) control signal.

Use the XLR-XLR control cable to connect the DMX output port of the controller to the DMX input port of the first slave, and connect the DMX output port of the first slave to the DMX input port of the second slave, and so on By analogy, until all the slaves are connected, and finally the circuit is connected to the signal output port of the last lamp to complete the controller mode connection. As shown below:

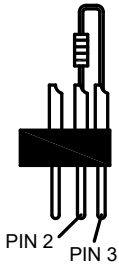


DMX loop plug

In the "controller mode", the DMX output port of the last lamp must be connected to the DMX loop plug. This circuit is inserted between pin 2 and pin 3 of the "Canon" plug and connected with a resistance of about 120Ω (OHM) (as shown in the figure below). Plug this loop into the output port of the last lamp, which can effectively avoid the noise and reflection caused by the DMX512 signal during the transmission process.

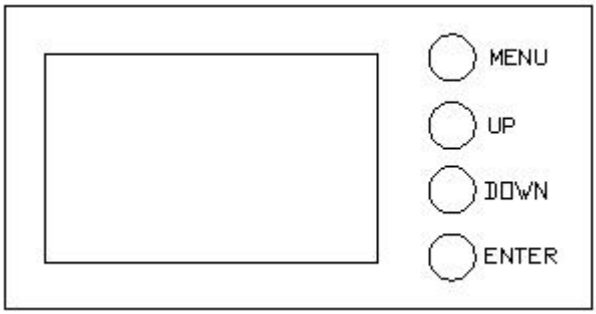


dmx loop plug connection
Connect a 120Ω (OHM) resistor before pin 2 and pin 3 of the XLR plug, and plug it into the DMX output of the last lamp



5 FUNCTION SETTING

●Display operation



To view or modify the function settings of the lamp, press any key (in the power-on state) to light up the screen, and then press the UP and DOWN keys to enter the corresponding menu of the lamp. There are corresponding sub-menus in the function operation main menu, and each menu represents a specific function of the lamp. For details, see the sixth point "Operation Menu" below.

1. In the lamp function menu setting page, press the UP and DOWN keys to select the corresponding function.

2. When operating the menu, the MENU button is the menu button, and the ENTER button is the confirmation button. Press the ENTER button to save your changes or enter the submenu. Press the UP or DOWN button to modify the value (increase or decrease the value).

Press the MENU button to return to the previous menu. If you don't press it, the system will automatically return to the display state.

● DMX address setting

When using the controller to control multiple lamps, each lamp must set the DMX start address to receive the signal from the controller and respond correctly. This product has two control modes, namely standard mode and simplified mode. Take the standard

mode as an example: the product has a total of 34 channels, then the DMX start address of the first lamp is set to 001, the second is 035, the third is 069 and so on.

The menu setting of this fixture optimizes the address setting. The operations for several setting address codes are as follows:

1 Select "Previous" or "Next", the lamp will automatically calculate the address code of the next or previous set according to the current address code and channel data, which can be set quickly;

2 Click the address code value to enter the value editing window, where any valid address code can be set, the fixture will automatically obtain the current channel number of the fixture, and automatically filter the unusable address code (512-current channel number).

3 The lamps support the RDM protocol, and the address code of the lamps can be set remotely through RDM.

6 MENU OPERATIONS

Option	Instruction	
DMX set	0-512	
	up	
	down	
setting	DMX channel	34CH/39CH
	RDM function	On/off
	Language	Chinese/english
	Screen flip	Stay/delete
	Dmx signal	On/off
	Screen protect	On/off
	X Invert	On/off
	Y Invert	On/off

	X Y Swap	On/off
	X Y Encoder	On/off
	Restore Defaults	Yes/ni
Running mode	Auto mode	Dmx,sound auto
	Manual control	01x.....(dmx running)
	Lamp reset	
	XY reset	
	MT reset	
System info.	System version	
	Temperature info	
	Fan info	
	System time	
	Sensor monitoring	
	System error	
	DMX monitor	
Dimmer curve	Dimmer	
Factory setting		

7 DMX CHANNEL

34/39 channel mode sheet

39CH	34CH	Function	Channel Value	Description
CH1	CH1	Pan	0-255	0-540°
CH2	CH2	Pan fine	0-255	Pan fine
CH3	CH3	Tilt	0-255	0-270°
CH4	CH4	Tilt Fine	0-255	Tilt fine

CH5		X, Y speed	0	Standard Mode
			1	Fastest mode
			2-255	Speed 0.2-25.5 second
CH6	CH6	Macro function	0-139	No function
			pause for 3 seconds in the DMX value and get following function	
			140-149	Scan reset
			150-159	Color reset
			160-169	Gobo wheel wheel reset
			170-179	Dimmer reset
			180-189	Zoom,focus,prism,frost reset
			190-199	Effect wheel reset
			200-109	All reset
			210-255	No function
CH7	CH7	C	0-255	White-C
CH8	CH8	M	0-255	White-M
CH9	CH9	Y	0-255	White-Y
CH10	CH10	Color wheel	0	white
			9	Color 1 Dark Red
			18	Color 2 Dark Blue
			27	Color 3
			37	Color 4
			46	Color 5
			55	Color 6
			64	Color 7
			73	Color 8
			82	Color 9 CTO2700k
			91	Color 10 blue

			101	Color 11 orange
			110	Color 12 CTO 3200k
			119	Color 13 UV
			128-129	White
			130-134	Color 1 Dark Red
			135-138	Color 2 Dark Blue
			139-143	Color 3 yellow
			144-147	Color 4 Light Green
			148-152	Color 5 Magenta
			153-157	Color 6 Mauve
			158-161	Color 7 Pink
			162-166	Color 8 Dark Green
			167-171	Color 9 CTO2700k
			172-176	Color 10 blue
			177-180	Color 11 orange
			181-185	Color 12 CTO 3200k
			186-189	Color 13 UV
			190-215	Forward flow from fast to slow
			216-217	stop
			218-243	Reverse flow from slow to fast
			244-249	backup
			250-255	Random Color Fast-Slow
CH11		Color wheel fine	0-155	Color wheel fine
CH12	CH11	Color macro	0	No function
			1-2	Filter 4 (amber)
			3-4	Filter 10 (medium yellow)
			5-6	Filter 19 (light yellow)
			7-8	Filter 26 (bright red)

			9-10	Filter 58 (light purple)
			11-12	Filter 68 (sky blue)
			13-14	Filter 71 (royal blue)
			15-16	Filter 79 (blue)
			17-18	Filter 88 (light green)
			19-20	Filter 90 (dark yellow-green)
			21-22	Filter 100 (warm yellow)
			23-24	Filter 101 (yellow)
			25-26	Filter 102 (Light Amber)
			27-28	Filter 103 (Straw)
			29-30	Filter 104 (Dark Amber)
			31-32	Filter 105 (Orange)
			33-34	Filter 106 (Light Red)
			35-36	Filter 111 (Dark Pink)
			37-38	Filter 115 (Peacock Blue)
			39-40	Filter 116 (Turquoise)
			41-42	Filter 117 (Steel Blue)
			43-44	Filter 118 (Light Blue)
			45-46	Filter 119 (Dark Cyan)
			47-48	Filter 120 (Dark Blue)
			49-50	Filter 121 (Green filter)
			51-52	Filter 128 (Pink)
			53-54	Filter 131 (Sky blue)
			55-56	Filter 132 (Medium blue)
			57-58	Filter 134 (Golden amber)
			59-60	Filter 135 (Dark golden amber)
			61-62	Filter 136 (Light purple)
			63-64	Filter 137 (Special purple)

			65-66	Filter 138 (Light green)
			67-68	Filter 139 (Dark green)
			69-70	Filter 141 (Bright blue)
			71-72	Filter 147 (Apricot blue)
			73-74	Filter 148 (Bright rose red)
			75-76	Filter 152 (Light gold)
			77-78	Filter 154 (Light rose red)
			79-80	Filter 157 (Pink)
			81-82	Filter 158 (Dark orange)
			83-84	Filter 162 (Light Amber)
			85-86	Filter 164 (Flame Red)
			87-88	Filter 165 (Daylight Blue)
			89-90	Filter 169 (Lilac)
			91-92	Filter 170 (Dark Purple)
			93-94	Filter 172 (Lake Blue)
			95-96	Filter 179 (Chrome Orange)
			97-98	Filter 180 (Dark Purple)
			99-100	Filter 181 (Congo Blue)
			101-102	Filter 197 (Weird Blue)
			103-104	Filter 201 (C.T. Blue)
			105-106	Filter 202 (Half C.T. Blue)
			107-108	Filter 203 (Quarter C.T. Blue)
			109-110	Filter 204 (C.T. Orange)
			111-112	Filter 205 (Half C.T. Orange)
			113-114	Filter 206 (Quarter C.T. Orange)
			115-116	Filter 247 (Filter Green)
			117-118	Filter 248 (half filter green)
			119-120	Filter 281 (three quarters C.T. blue)

			121-122	Filter 285 (three quarters C.T. orange)
			123-124	Filter 352 (glacier blue)
			125-126	Filter 353 (light blue)
			127-128	Filter 715 (UV color)
			129-130	Filter 778 (light orange)
			131-132	Filter 793 (light rose red)
			133-255	spare
CH13	CH12	Speed	0-255	CMY speed from big to small
CH14	CH13	Color speed	0	No function
			1-255	CMY,color wheel time(0.1-25.5s)
CH15	CH14	Zoom,focus,frost,prism speed	0	No function
			1-50	Prism(0.1-5s)
			51-100	frost(0.1-10s)
			101-255	Zoom,focus(0.1-25.5s)
CH16	CH15	Effect wheel	0-19	No function
			20-127	Any location
			128-170	From white to all (speed from fast to slow)
			171-213	From white to half (speed from fast to slow)
			214-255	From half to all (speed from fast to slow)
CH17	CH16	Effect Wheel Rotate	0	No function
			1-127	Forward flow from fast to slow
			128	No function
			129-255	Reverse flow from slow to fast
CH18	CH17	Effect Macro	0-3	No function
			set the zoom=16,	

			projection distance=5 meters. focus check value And then get the following effect	
			4-5	Macro 1
			6-7	Macro 2
			...	...
			20-21	Macro 9
			22-23	Macro 10
			Use the follow effect, effect pattern channel and effect wheel channel automatic hide	
			24-25	Macro 1
			26-27	Macro 2
				...
			40-41	Macro 9
			42-43	Macro 10
			44-255	no
CH19	CH18	Fixed gobo wheel	0-3	white
			4-9	Gobo1
			10-15	Gobo2
			16-21	Gobo3
			22-27	Gobo4
			28-33	Gobo5
			34-39	Gobo6
			40-45	Gobo7
			46-51	Gobo8
			52-57	Gobo9
			58-63	Gobo10
			64-69	Beam 1

			70-75	Beam 2
			76-81	Beam 3
			82-87	Beam 4
			88-95	Gobo1 shake from slow to fast
			96-103	Gobo2 shake from slow to fast
			104-111	Gobo3 shake from slow to fast
			112-119	Gobo4 shake from slow to fast
			120-127	Gobo5 shake from slow to fast
			128-135	Gobo6 shake from slow to fast
			136-143	Gobo7 shake from slow to fast
			144-151	Gobo8 shake from slow to fast
			152-159	Gobo9 shake from slow to fast
			160-167	Gobo10 shake from slow to fast
			168-175	Beam 1 shake from slow to fast
			176-183	Beam 2 shake from slow to fast
			184-191	Beam 3 shake from slow to fast
			192-199	Beam 4 shake from slow to fast
			200-201	White
			202-222	Forward flow from fast to slow
			223-243	Reverse flow from slow to fast
			244-249	No
			250-255	Random gobo From fast to slow
CH20	CH19	Rotation gobo wheel	0	No function
			1-4	white
			5-7	Gobo1
			8-10	Gobo2
			11-13	Gobo3
			14-16	Gobo4

			17-19	Gobo5
			20-22	Gobo6
			23-25	Gobo7
			26-28	Gobo8
			29-31	Gobo9
			Gobo rotation set channel 21/20	
			32-34	Gobo1
			35-37	Gobo2
			...	....
			50-52	Gobo7
			53-55	Gobo8
			56-59	Gobo9
			Gobo shake,from slow to fast	
			60-67	Gobo1
			68-75	Gobo2
				....
			116-123	Gobo8
			124-129	Gobo9
			Gobo shake,from fast to slow	
			130-137	Gobo1
			138-145	Gobo2
				....
			186-193	Gobo8
			194-199	Gobo9
			200-201	white
			202-222	Forward flow from fast to slow
			223-243	Reverse flow from slow to fast
			244-249	No

			250-255	Random gobo From fast to slow
CH21	CH20	Gobo rotation	0	No function
			1-127	Forward flow from fast to slow
			128	No function
			129-255	Reverse flow from slow to fast
CH22		Rotation gobo fine	0-255	fine
CH23	CH21	Prism 1	4-7	Prism1
			8-11	Prism2
			12-15	Prism3
			16-19	Prism1
			20-23	Prism2
			24-27	Prism3
			28-255	no
CH24	CH22	Prism 1 rotation	0	No function
			1-127	Forward flow from fast to slow
			128	Off
			129-255	Reverse flow from slow to fast
CH25	CH23	Prism 2	4-7	Prism1
			8-11	Prism2
			12-15	Prism3
			16-19	Prism1
			20-23	Prism2
			24-27	Prism3
			28-255	no
CH26	CH24	Prism 2 rotation	0	No function
			1-127	Forward flow from fast to slow
			128	Off
			129-255	Reverse flow from slow to fast

CH27	CH25	Prism macro	0-3	No function
			4-5	Prism 1 effect
			...	
			26-27	Prism 12 effect
			...	...
			66-67	Prism 20 effect
			68-255	no
CH28	CH26	Prism macro rotation	0	No function
			1-127	Forward flow from fast to slow
			128	Off
			129-255	Reverse flow from slow to fast
CH29	CH27	Beam effect	0-3	No function
			4-7	Beam 1
			8-11	Beam 2
			12-15	Beam 3
			16-19	Beam 4
			20-23	Beam 1
			24-27	Beam 2
			28-31	Beam 3
			32-25	Beam 4
			36-255	No
CH30	CH28	Beam rotation	0	No function
			1-127	Forward flow from fast to slow
			128	Off
			129-255	Reverse flow from slow to fast
CH31	CH29	Frost	0	No function
			1-50	Linear frost Mild
			51-53	All frost

			54-63	Frost from slow to fast,slow off,fast open
			64-73	Frost from fast to slow,slow on,fast off
			74-83	Frost from fast to slow,slow off,slow on
			....	Moderate/Highly frost,same function
			Can not use prism 1 in the same time	
CH32	CH30	Zoom	0-255	Zoom 0-100%
CH33		Zoom fine	0-255	Zoom fine
CH34	CH31	Focus	0-255	Focus 0-100%
CH35		Focus fine	0-255	Focus fine
CH36	CH32	spare		
CH37	CH33	Strobe	0-31	Off
			32-63	On
			64-95	Synchronous strobe From slow to fast
			96-127	open
			128-143	Effect strobe from slow to fast
			144-159	Effect strobe from fast to slow
			160-191	open
			192-223	Random strobe,from slow to fast
			224-255	on
CH38	CH34	dimmer	0-255	0-100%
CH39		Dimmer fine	0-255	Dimmer fine

8 TECHNICAL PARAMETER

Electrical parameters:
Voltage: 100V~240V AC, 50/60Hz
Power: 500W @ 220V
Power factor: PF>0.9

Light source specification:
Light source:400W high brightness Module LED
Color temperature:7500K-7500K
Life time:50000 hours

colour:
1 color wheel: 13 colors + white
2.With C M Y function, color can be adjusted;
Can be mixed to make the color richer.

Gobo wheel:
1. 1 rotating gobo wheel: 9 gobos + white
The pattern plate adopts a detachable design, which is more convenient to replace the pattern plate
2. 1 fixed gobo wheel:10 gobos + white+4 beam

Prism:
6pcs prism

Focus:
DMX linear focus adjustment, super smooth focus adjustment.

Strobe/Dimming:
Electronic strobe, 0.3-25 times/second,linear dimming

Frost:
Independent frost lens, softer light

Rotation angle:
Use three-phase stepping motor, fast, quiet, with automatic return function.
Horizontal:540°
vertical: 270°

Beam Angle:
3-35°

Control mode:
DMX512 signal
39/34CH channel mode

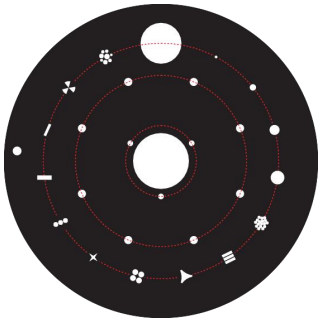
Other functions:
Horizontal and vertical speed adjustable
Use powerful silent fan, LED temperature display, reduce power due to overheating, and ensure LED lifetime
Modular structure for easy maintenance

Protection level:
Protection grade: IP20

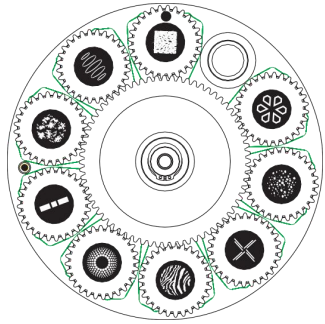
weight:
Net weight: 24.25kg
Gross weight: 29.5kg

packing size: (mm)
500(L)*345(W)*835(H)

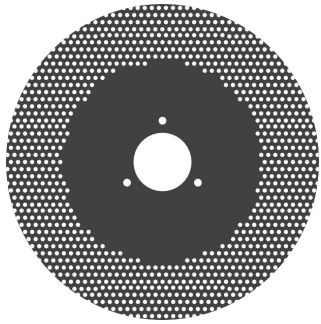
Working temperature:
Maximum ambient temperature 50° C



Fixed gobo wheel

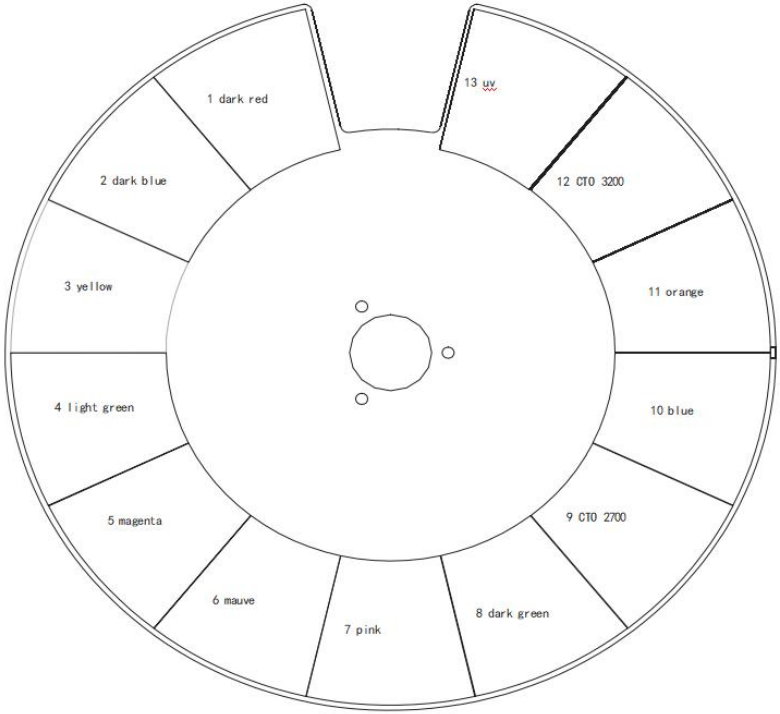


Rotation Gobo Wheel



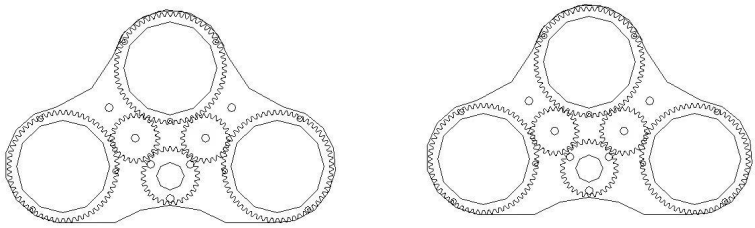
Effect Wheel

Color Wheel

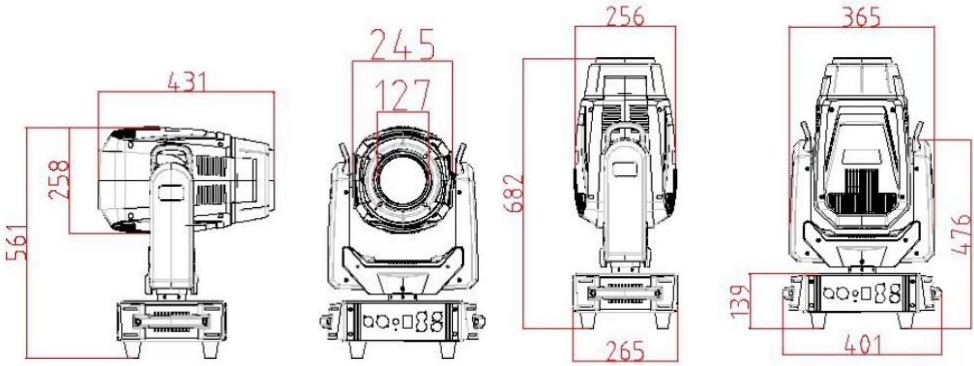


CMY

Prism Wheel



Body size: (mm)



9 PHOTOMETRIC DATA