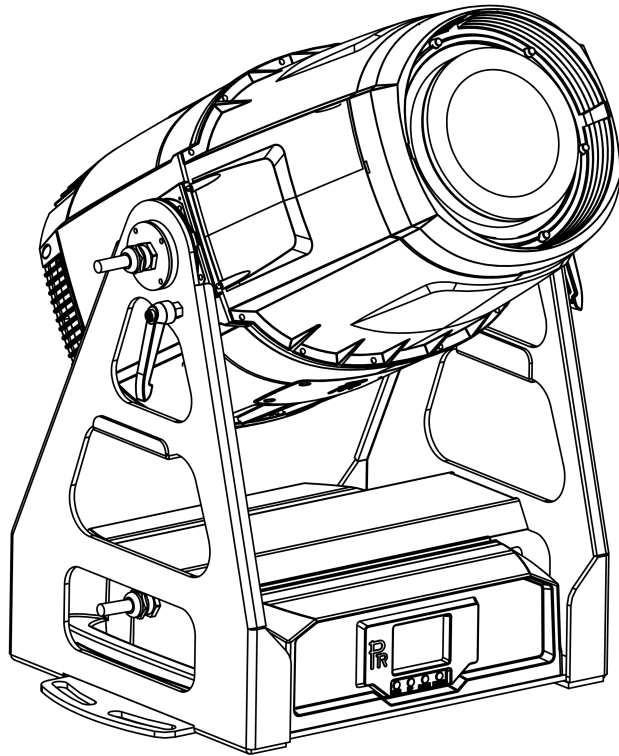




TANGO 680 SPOT DE

PR-6629

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

PR LIGHTING LTD.
<http://www.pr-lighting.com>

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The following items are supplied with a projector and please check:

Name	Quantity	Unit	Remark
Safety cord	2	Pc	
User manual	0	Pc	QR code
Power cord	1	Pc	
XLR connectors	1	Set	Male and Female

Please note that as part of our ongoing commitment to continuous product development, specifications are subject to change without notice. Whilst every care is taken in the preparation of the manual we reserve the right to change specifications in the course of product improvement. The publishers cannot be held responsible for the accuracy of the information herein, or any consequence arising from them.

Every unit is tested completely and packed properly by the manufacturer. Please make sure the packing and / or the unit are in good condition before installation and use. Should there be any damage caused by transportation, consult your dealer and do not use the unit. Any damage caused by improper use will not be assumed by the manufacturer and / or dealer.

Note: For the products made by Guangzhou PR lighting Ltd, the warranty for the whole product is one year starting from the delivery date but the light source is not within the warranty.

1. SAFETY AND WARNINGS



NOTE

Before a projector's installation, power-on, operation and maintenance, please carefully read the safety information hereinafter!

The following safety signs are used in the user manual.

						
Warning	User Manual	Electrical shock	Goggles	Protective Gloves	Flames	High Temperature



- When unpacking, check if there is any damage caused by transportation before using a projector. Should there be any damage, consult your dealer and do not use it.
- The manufacture is not responsible for any loss caused by a user not following the manual or changing a projector as he/she likes.
- Please be noted that any damage caused by changing the projector at will is not warranted.
- Do not hesitate to contact the dealer or the manufacturer if any questions or advice.



- The projector rated for IP66.
- The projector can be used in damp, over-heat and over-dusty places.
- A projector should be kept away from high temperature, fire, electrical surge, vibration and strong light while being operated.
- A projector is only intended for installation, operation and maintenance by a qualified person. And the operation must strictly follow the procedures in the manual.
- A projector is not for a user to make any replacements and the user shouldn't open a projector for repair and maintenance.



- Don't look straightly into the light sources especially for epileptics, otherwise eyes will be burned.. 
- Do not connect this device to any type of dimmer pack.
- If the light source, lens and screen protective cover of the a projector have obvious damage, i.e., to the extent that it hurts the performance like cracking or deformation, please stop using it and replace them with the original parts, otherwise its performance will be compromised.
- For the location of a projector, it shouldn't be seen in the distance of less than 4 meters.



- Before operation, please confirm that all covers(housing) are on and screws tightened. It's forbidden to use a projector while its covers(housing)are off.
- Keep the light source clean and do not touch it with bare hands.
- While operating it, wear protective items like goggle and gloves.



- Any electrical connection must be carried out by a qualified person.
- Before installation, please confirm the voltage supplied matches what is required for a projector.
- Each projector must be properly earthed and installed as per related electrical standards.
- Do not use power cord with its insulator damaged and connect the power cord with other cables.
- If a projector is not used or under cleaning,, please hold its plug and unplug it. Do not unplug it forcefully or by pulling the power cable.
- All power cords must conform to related safety and regulations.
- While being operated, if a projector is not waterproof and dust-proof, it should not be under rains or in humidity to avoid being short.
- Do not switch on and off a projector constantly in very short intervals, otherwise its light source's and other electrical parts' life will be shortened.



- There are safety cord holes at the bottom of the base of a projector. In view of safety, please run the safety cord supplied through the safety cord holes for safety support.
- Before any installation, maintenance and cleaning work, please ensure a projector is disconnected from power mains.



- While being in stable working state under normal ambient temperature, the temperature of the surface of the metallic housing of a projector including heat sink will reach 75°C.
- While its lamp is stricken for the first time, there will be smoke and strange smell. It's normal and does not mean a projector has some defects.
- While a projector running, do not touch the metallic housing to avoid being burned.



- Do not mount a projector directly on inflammable surface.
- Do not project the beam straightly on combustible items and the minimum distance between it and illuminated items is 10m.
- A projector should be installed with good ventilation and the minimum distance between it and walls is 50cm. At the same time, please ensure the fans and air inlets and outlets are workable.
- Do not let the front lens expose to sunlight or other strong light sources at any angle, otherwise the focused beam inside can result in fire potentially.



- The product meets The General Technical Requirements and Standards for Recycle and Use Of Expired Appliance and Electronic Products.
- When the product meets disposal standards and needs to be disposed, a client needs to dispose and recycle it.

2. INSTRUCTIONS

•CLEANING AND MAINTENANCE

The accumulation of oil, smoke and dust on the lens will compromise the light output. Cleaning a projector is very necessary to ensure a reliable use of it. The projector is rated for IP66. Unless confirmed by a professional technician for some internal component replacement, it's forbidden to dismantle a projector.

Cleaning frequency is to be decided by operations and its environment. Use soft cloth and normal detergent for glass for cleaning work. It's advised external optical system be cleaned every 20days. Keep lens clean and do not touch optical parts with bare hands.

SPECIAL NOTE

While water-proof projectors are in use, it's normal there will be some minor mist on the front lens.



- Before any maintenance and cleaning, please ensure a project is off the power.
- Only a qualified person is allowed to do maintenance.
- During maintenance and before maintenance, a projector must be off power.



- To avoid sunlight or other light penetrating into the head via the front lens, resulting in high temperature internally causing damages to a projector. Before power-off, please use Tilt channel to move the head and make it facing downward.
- Do not use alcohol or other organic solvent to clean the housing to avoid damage.
- Do not use any solvent with chemical elements to clean color filters or hot mirror.

.TROUBLESHOOTING

PROBLEM	ACTION
A projector can't be switched on	➤ Check if the fuse is burned ➤ Check if the power cord is connected well ➤ Check if the switching power supply is bad or not connected well. A professional technician is required for the repair ➤ Check if the control board is connected well. A professional technician is required for the repair
A projector can be switched on, but the LED lamp's brightness can't be controlled	➤ Check if the LED driver board is connected well. A professional technician is required for the repair
A projector can be switched on normally, but not controlled by the DMX controller	➤ Make sure that its start address is right ➤ Replace or repair the XLR signal cable.
The beam is not bright and its brightness decreases sharply	➤ Make sure the fans are working well or fans and their shields are not blocked by dust. ➤ Make sure that the internal optics are clean.
A project image appears to have a halo	➤ Carefully clean the LED lamp, optical lenses and other components.
Heavily Defective Beam	➤ Check if lens are in good condition(not cracked) ➤ Clean dust or grease on the lens.

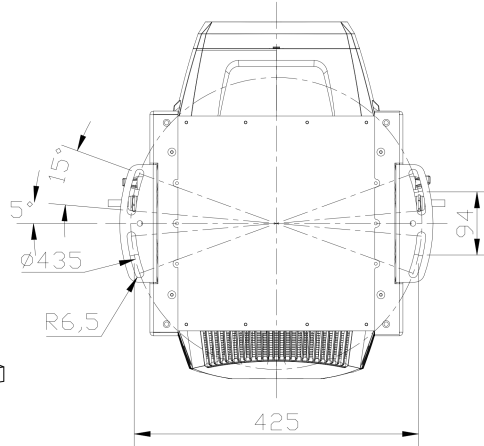
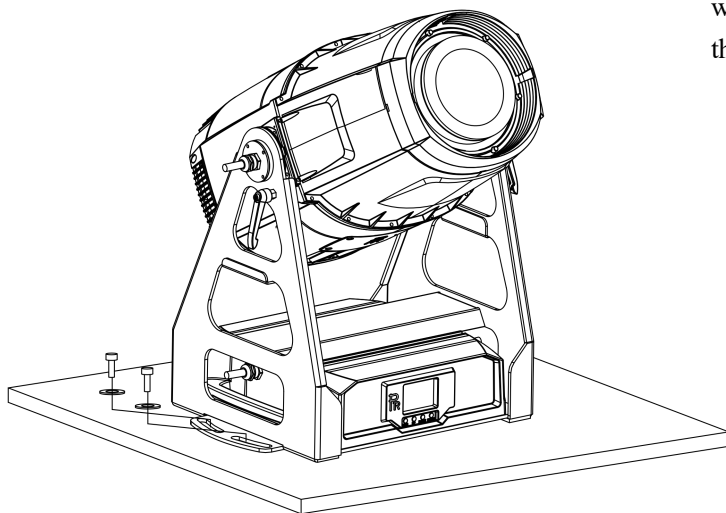
3. INSTALLATION

•PLACED ON A FLAT SURFACE

While placing a projector on a flat surface, tighten the head after loosening its screw and adjusting its angle till desired. For the version with wireless control, while it is on a flat surface its antenna should face upward.

NOTE

It's advised to use hexagon screws coupled with anti-slipping washers to ensure firm installation. Whatever screws may be used, they should not be less than 2 pairs.



The size of the screws are to be decided by the customer based on the size of mounting holes in the arms, the following sizes in the table are only for reference.

NO	NAME	SIZE	QTY	REMARKS
1	Hexagon screws	M12	4	Prepared by the customer
2	Washer	Coupled with the screws	4	Prepared by the customer

• POWER CONNECTION

Connect the power cord as follows:

L (live) =brown

E (earth) =yellow/green

N (neutral) =blue

Before power connection, please ensure the power supplied must match what the nameplate says. It is recommended that each projector be connected with power separately so that they may be individually switched on and off.



.The earth wire(yellow/green) must be connected to the ground. And electrical connection must be in accordance with the standards concerned.

.If any questions about the electrical installation, do not continue but consult a qualified electrician.

.A projector uses naked wires. For wiring please use waterproof junction box with IP class not lower than IP66.

• THE WIRING OF CONTROL SIGNAL

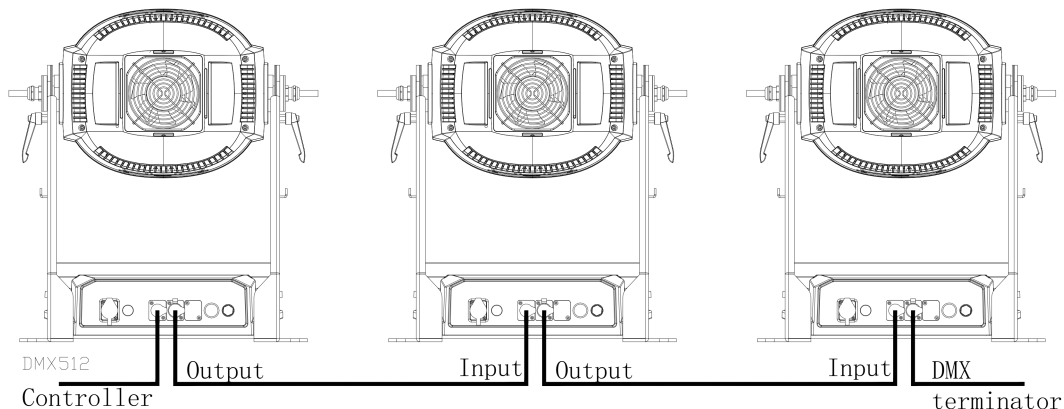
The colors of signal wires responds to their respective functions:

Blue color –A+

White color –B-

Black color –Shield wire

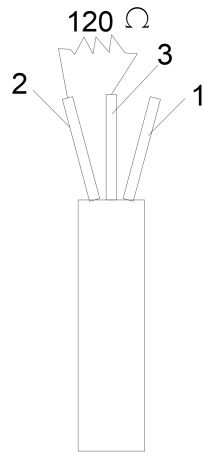
The shielded 2-core wire between a projector and a controller or between projectors should be not less than 0.5mm in diameter and the maximum number of projectors in a DMX chain should be less than 32 pieces.



•DMX TERMINATOR

In the Controller mode, at the last fixture in the chain, its female DMX output has to be connected with a DMX terminator.

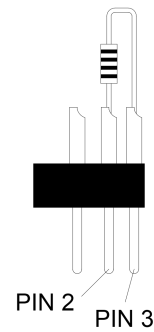
The DMX terminator is simply a Canon connector with a 120 Ω (ohm) resistor connected across pin A+ and pin B-, which prevents electrical noise from disturbing and corrupting the DMX control signals. Before DMX terminator connection, please make proper insulation and waterproof treatment.



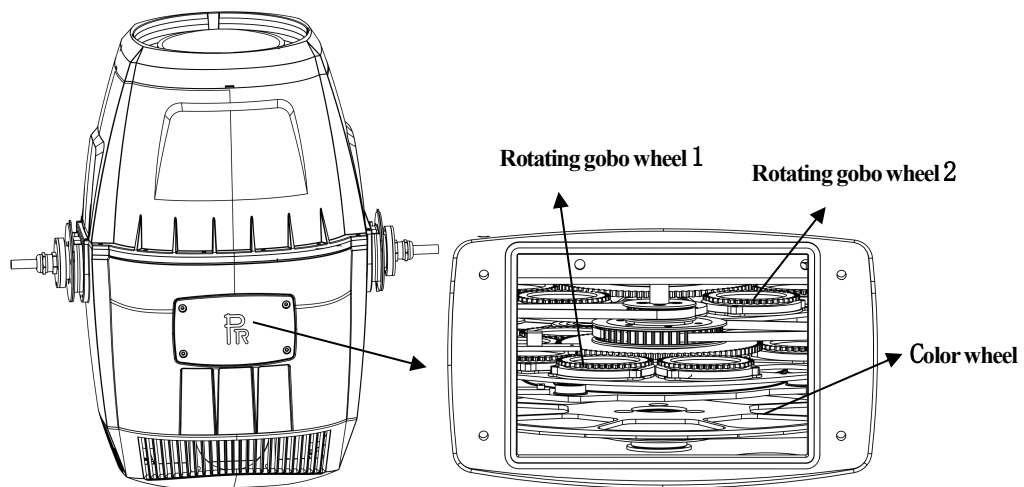
DMX 512	
PIN	FUNCTION
1	GND
2	DATA-
3	DATA+

DMX TERMINATOR CONNECTION

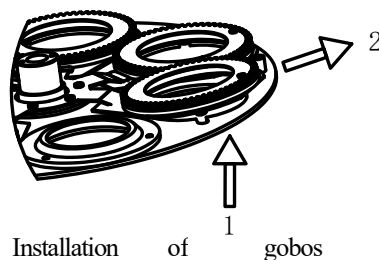
Connect a 120Ω(OHM) resistor across pins 2 and 3 in an XLR plug and insert into the DMX out socket on the last unit in the chain.



●GOBO REPLACEMENT



Lock the tilt and loosen the 4 fast-fit screws on the upper cover. After removing the cover, you will see the structures as the figure above. To replace a gobo on the rotating gobo wheel: take the rotator from the wheel in the sequence of 1→2, take the gobo out from the rotator by removing the tightening spring. Put the new gobo back to the rotator, then tighten it with the spring. Please ensure the spring is in the narrow location of the rotator, which is the internal ring of it and flatten it. At last, pull up the spring strip using proper tool and put the rotator back to the wheel with the assistance by another hand. Its installation is of the opposite sequence of removal (2→1).



NOTE: Do not touch the glass gobo with bare hand. Place clean and soft paper or cloth between hand and glass gobos. Tighten 4 hexagon screws after the cover is on. Unlock the tilt.

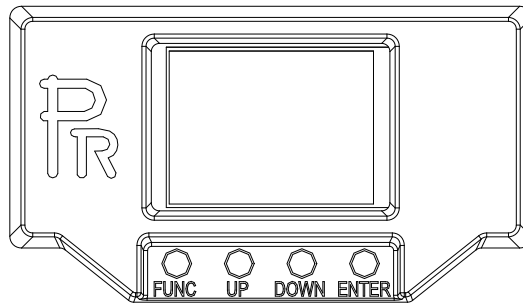


DANGER!

BEFORE REPLACEMENT OF GOBOS/COLOR FILTERS, A PROJECTOR MUST BE OFF THE POWER!

4. SETUP AND CONFIGURATION

●FRONT PANEL OPERATION



A projector's configuration can be set conveniently via push button and LCD display.

Launch the projector and press button **ENTER** for more than 5 seconds to unlock the panel, the LCD will show the function menu of the projector, each main menu has its submenus and each submenu has a specific function. For details, please see the "OPERATION MENU" section.

To set up or browse through its functions, press button **UP** or **DOWN**

Press button **ENTER** to save your settings or enter the submenu.

Press button **UP** or **DOWN** to change values (plus or minus)

Press button **FUNC**, it will return to the upper menu. If button **FUNC** not pressed, the default will show display status automatically.

●DMX START ADDRESS

Each unit must be given a DMX start address so that the correct projector responds to the correct control signals. This DMX start address is the channel number from which the projector starts to "listen" to the digital control information being sent out from the controller. The unit has 3 DMX modes. There are standard mode, short mode and extended mode. For example standard mode has 17 channels, so set the No. 1 projector's address 001, No. 2 projector's address 018, No. 3 projector's address 035, No. 4 projector's address 052, and so on.

Launch the projector. Press button **ENTER** more than 5 seconds to unlock panel.

Press button **ENTER** to display DMX address;

Press button **UP** and **DOWN**, you can set the address;

Press button **ENTER** to confirm; after powered on next time, the default will be last value saved. The keys in the control panel need to be adjusted against unintended touch

Press button **FUNC**, it will return to the upper menu

●DMX WIRELESS CONTROL (If the projector has the function)

The projector has wireless control function with wireless receiver module and antenna for remote control.

The setup of it is below:

1. Enter into the projector's menu. Select the menu "Config Settings" via the bottoms of **UP** and **DOWN**
2. Select **DMX control Mode--- Wireless First** (Note: do not select **XLR ONLY**), then wireless indication in the front panel will be on, meaning wireless control function is activated.
Only after the projector is linked with a transmitter, can it receive wireless signal sent by the transmitter. If unlinking it, Press "Enter" for the menu of Unlink Wireless under the upper level menu of Config Settings.

●STAND-ALONE MODE

Operate the projector without connecting with a controller, enable the master mode through the operation panel, the projector will run in Stand-Alone mode automatically.

DMX address can be set at any number within 512.

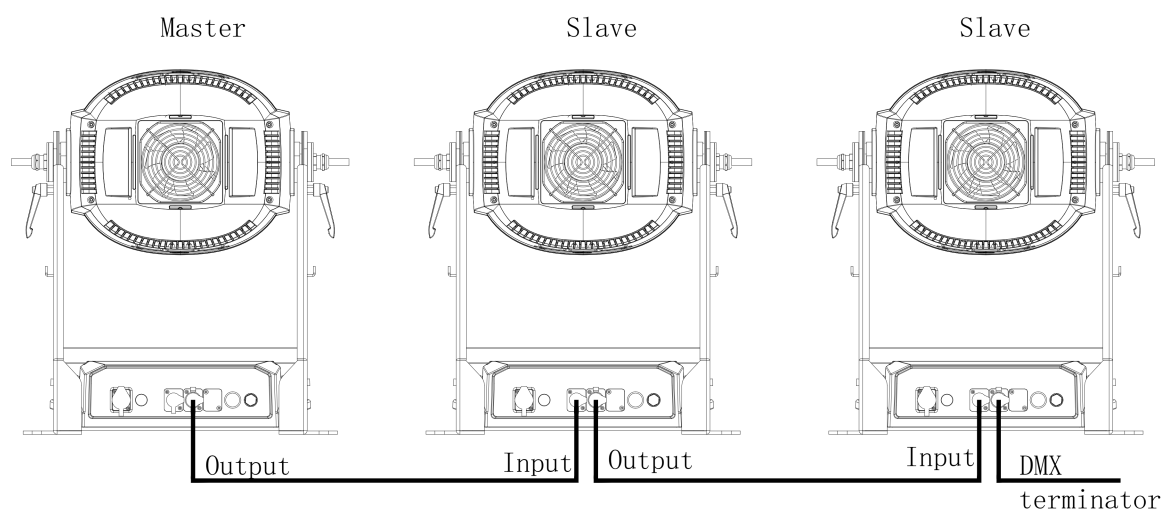
●MASTER/SLAVE MODE

Many projectors can run synchronously in the Master/Slave mode by linking them with each other. First, connect the first fixture's DMX output to the second fixture's DMX input using XLR-XLR control cable and then connect the second fixture's DMX output to the third fixture's DMX input, and so on until all projector are connected in this way. Eventually connect the last fixture's DMX output to a DMX terminator. Set 1st projector as the master and others are Slaves. It's advised that the

maximum quantity of projectors in a DMX chain is less than 32.

Start Addresses of all Slaves are 001; Operation mode of the Master can be set any mode for a Master' and Slaves' operation mode can be set accordingly.

After Powered on, the group will run in Master/Slave Mode.(The number of projectors in a DMX chain is 32pcs at maximum)



5. OPERATION MENU

1st LEVEL	2nd LEVEL	3rd LEVEL	4th LEVEL	5th LEVEL
DMX setting	DMX Address	1-499 (Short mode) 1-496(Standard mode) 1-494(Extended mode)		
Reset	Total Reset	Really Reset?	Confirm/Cancel	
	Colour System Reset	Really Reset?	Confirm/Cancel	
	Gobo Reset	Really Reset?	Confirm/Cancel	
	Zo.Fo. Pr. Reset	Really Reset?	Confirm/Cancel	
	Other Reset	Really Reset?	Confirm/Cancel	
Config Settings	DMX Channel Mode	Short Mode 14CH		
		Standard Mode 17CH		
		Extended Mode 19CH		
		View Mode	001 Strobe ...	
	Signal Select	XLR Only		
		XLR First		
		Wireless Only		
		Wireless First		
		Wireless In/XLR Out		
	Loss of DMX	Normal time out		
		Hold Last Value		
		White Light		
		User Memory 1		
		User Memory 2		
	Display Config	Display Mode	Off After Delay	
			On Always	
		Display Invert	Invert OFF	

			Invert ON	
			Invert Auto	
		Language Settings	English	
			Chinese	
	Temperature Unit	Celsius Degree		
		Fahrenheit Degree		
	Un-Link Wireless	Really Un-Link?	Confirm/Cancel	
Option Settings	Defaults	Restore Defaults?	Confirm/Cancel	
	Dimmer Settings	Gamma Curve	Gamma 2.0/2.2/2.4/2.6	
		LED Ref. Rate	1200/2400/4800/10000/12000/15000/20000/25000Hz	
		Dimmer Speed	Fast/Medium/Slow Speed	
	Fan Settings	Standard/Theatre		
Information	Defaults	Restore Defaults?	Confirm/Cancel	
	View DMX Values			
	Total Hours	Reset Total Hours		
	Temperature	Display Board XX°C/F		
		Driver Board 1 XX°C/F		
		Driver Board 2 XX°C/F		
		Driver Board 3 XX°C/F		
		Fan Board XX°C/F		
		LED Sensor XX°C/F		
	Software Version	Display Board	System= XXX Boot =XXX	
		Driver Board 1	System= XXX Boot =XXX	
		Driver Board 2	System= XXX Boot =XXX	
		Driver Board 3	System= XXX Boot =XXX	
		Fan Board	System= XXX Boot =XXX	
	Electronic SN	Electronic SN=*****		
	RDM Device Label	ANSI E1.20 RDM		
	Fan Status	Head Fan		
Service	Manual Effect Control	Strobe XXX Dimmer XXX		
	Factory Test			
Operation Mode	DMX Mode	Change Operation Mode?	Confirm/Cancel	
	Master Mode	Preset Memory	Change Operation Mode?	Confirm/Cancel
		User Memory 1	Change Operation Mode?	
		User Memory 2	Change Operation Mode?	
	Stand-Alone Mode	Preset Memory	Change Operation Mode?	
		User Memory 1	Change Operation Mode?	
		User Memory 2	Change Operation Mode?	

	Static Scene	Change Operation Mode?		
User Memories	Edit User Memory	Edit User Memory 1 /Edit User Memory 2	Scene XX (1~200Scenes)	Strobe XXX Dimmer XXX Delay Time XXX Delay unit (msec/s/m) Link to Step XXX
		Edit Static Scene	Strobe XXX Dimmer XXX	
	Init User Memory	Reset User Memory 1	Reset User Memory?	Input Password123
		Reset User Memory 2	Reset User Memory?	Input Password123
		Reset Static Scene	Reset Static Scene?	Input Password123

6. DMX PROTOCOL

Short mode	Standard mode	Extended mode	Description	Decimal low	Decimal High
1	1	1	Strobe		
			Close	0	
			Pulse strobe from slow to fast	1	127
			Strobe from slow to fast	128	225
2	2	2	Dimmer		
			Close	0	0
			Linear dimmer (0-100%)	1	255
	3	3	Dimmer in 16 bit		
			Dimmer in 16 bit adjustment	0	255
3	4	4	Color wheel		
			Continuous positioning		
			Indexing 0-360°	0	63
			Positioning		
			Open /Color1	64	67
			Color 1	68	71
			Color1/Color2	72	75
			Color2	76	79
			Color2/Color3	80	83
			Color3	84	87
			Color3/Color4	88	91
			Color4	92	95
			Color4/Color5	96	99
			Color5	100	103
			Color5/Color6	104	107
			Color6	108	111
			Color6/Color7	112	115
			Color7	116	119
			Color7 /Open	120	123
			Open	124	127
			Clockwise rainbow effect from slow to fast	128	191
			Anti-clockwise rainbow effect from slow to fast	192	255

	5	5	Color wheel in 16bit		
			Color wheel continuous positioning ,16bit adjustment	0	255
4	6	6	Rotating gobo wheel		
			Open	0	15
			Gobo1	16	29
			Gobo2	30	43
			Gobo3	44	57
			Gobo4	58	71
			Gobo5	72	85
			Gobo6	86	99
			Gobo7	100	113
			Gobo8	114	127
			Clockwise rotation from slow to fast	128	147
			Anti-clockwise rotation from slow to fast	148	167
			Gobo1 shakes from slow to fast	168	178
			Gobo2 shakes from slow to fast	179	189
			Gobo3 shakes from slow to fast	190	200
			Gobo4shakes from slow to fast	201	211
			Gobo5shakes from slow to fast	212	222
			Gobo6shakes from slow to fast	223	233
			Gobo7shakes from slow to fast	234	244
			Gobo8shakes from slow to fast	245	255
5	7	7	Gobo rotation		
			Indexing 0-360°	0	128
			Clockwise rotation from slow to fast	129	188
			Stop	189	195
			Anti-clockwise rotation from slow to fast	196	255
	8	8	Gobo rotation in 16 bit		
			Gobo rotation in 16 bit	0	255
6	9	9	Prism		
			No	0	16
			Prism 1	17	127
			Prism 2	128	255
7	10	10	Prism rotation		
			Prism indexing	0	127
			Stop	128	
			Clockwise rotation from slow to fast	129	191
			Stop	192	
			Anti-clockwise rotation from slow to fast	193	255
8	11	11	Effect wheel 1		
			No	000	001
			Clockwise rotation from fast to slow	2	127
			Anti-clockwise rotation from slow to fast	128	255
9	12	12	Effect wheel 2		

			No	0	19
			Effect wheel 2 in	20	255
10	13	13	Effect wheel 2 rotation 1		
			Clockwise rotation from fast to slow	0	127
			Anti-clockwise rotation from slow to fast	128	255
11	14	14	Effect wheel 2 rotation 2		
			Clockwise rotation from fast to slow	0	127
			Anti-clockwise rotation from slow to fast	128	255
12	15	15	Focus		
			Linear focus	0	255
		16	Focus in 16 bit		
			Focus 16 bit adjustment	0	255
13	16	17	Zoom		
			Linear Zoom	0	255
		18	Zoom in 16 bit		
			Zoom 16 bit adjustment	0	255
14	17	19	Power/Special function		
			No function	0	4
			Reserved	5	19
			The following function must stay in the DMX range for more than 5s to activate it		
			Display on	20	24
			Display off	25	29
			Reserved	30	44
			Reserved	45	46
			Fan standard mode	47	48
			Fan theater mode	49	50
			Reserved	51	52
			Fast dimmer speed	53	54
			Medium dimmer speed	55	56
			Slow dimmer speed	57	58
			Gamma curve 2.0	59	60
			Gamma curve 2.2	61	62
			Gamma curve 2.4	63	64
			Gamma curve 2.6	65	66
			LED fresh rate 1200Hz	67	68
			LED refresh rate 2400Hz	69	70
			LED refresh rate 4800Hz	71	72
			LED refresh rate 10000Hz	73	74
			LED refresh rate 12000Hz	75	76
			LED refresh rate 15000Hz	77	78
			LED refresh rate 20000Hz	79	80
			LED refresh rate 25000Hz	81	82
			Reserved	83	89

		Reserved	100	129
		Reserved	130	139
		Reserved	140	149
		Color wheel reset	150	159
		Gobo wheel reset	160	169
		Reserved	170	179
		Zoom/Focus/Prism reset	180	189
		Other (effect wheel) reset	190	199
		Total reset	200	209
		Reserved	210	229
		Reserved	240	255

Remarks:

Fan errors can result in LED lamp off automatically

7. SIGNS OF THE TOUCH SCREEN

	Config Settings		Option Settings
			Information
	Error Messages		Service
	Address		Operation Mode
	Reset		User Memories

8.ERROR MESSAGE

The system can detect some errors during the reset, if  displayed, press ENTER button to view the error.

The error messages are as follows:

Name	Type	Correction
Color Wheel	Timeout	Check if wiring, positioning parts and motors are normal
Rot. Gobo Wheel	Timeout	Check if wiring, positioning parts and motors are normal
Rot. Gobo Rotation	Timeout	Check if wiring, positioning parts and motors are normal
Prism	Timeout	Check if wiring, positioning parts and motors are normal
Prism Rotation	Timeout	Check if wiring, positioning parts and motors are normal
Focus	Timeout	Check if wiring, positioning parts and motors are normal
Zoom	Timeout	Check if wiring, positioning parts and motors are normal
Effect wheel 1	Timeout	Check if wiring, positioning parts and motors are normal
Effect wheel 2	Timeout	Check if wiring, positioning parts and motors are normal
Driver Board 1	Error	Check signal wire
Driver Board 2	Error	Check signal wire

Driver Board 3	Error	Check signal wire
Fan Board	Error	Check signal wire
Lamp Off[Fan Error]	Error	Check if all fans are normal
Time IC	Error	

9. TECHNICAL DATA

ELECTRIC PARAMETERS

Input voltage: 200V~240V AC, 50/60Hz

Input power: 640W @ 220V AC

Max. current: 2.91A @ 220 ACV

Power factor: PF>0.9

THE SPECIFICATIONS OF THE LIGHT SOURCE

Power: 500W White LED

Color temperature : 9000K

Rated life: 20000hrs

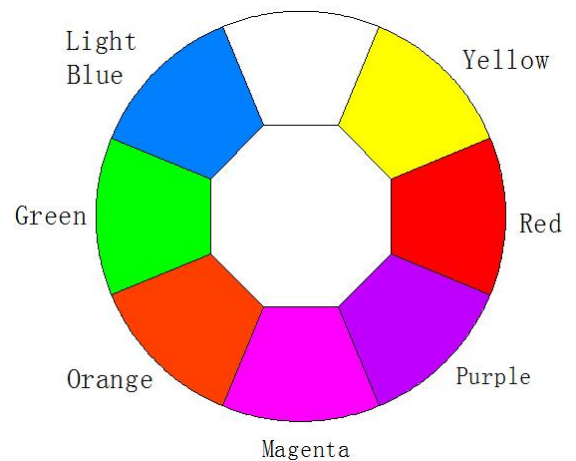
CRI : $Ra \geq 70$ (Option: $Ra \geq 90$)

COLORS

1 color wheel: 7 colors+ Open

Half color effect, rainbow effect with bi-directional and variable speeds,

Stepping/linear color changing



GOBO

1 Rotating Gobo Wheel: 8 replaceable gobos+ Open, Glass or Metal Gobo

Bi-directional Rotation with variable speeds

With Indexing Function

Gobo Shake Effect with Variable Speeds

Bi-directional Scrolling with Variable Speeds

Gobo outer size: 24mm Gobo image size: 18mm

1#	2#	3#	4#	5#
6#	7#	8#		

PRISM

1pc of 3 facet circular prism , Bi-directional rotation with variable speeds and indexing function

1pc of 4 facet linear prism , Bi-directional rotation with variable speeds and indexing function

EFFECT WHEEL

1 double effect wheel , both rotating in the same direction or opposite one with variable speeds

WATER WAVE WHEEL

1pcs, bi-directional rotation with variable speeds

FOCUS

DMX linear Focusing

DIMMER

0-100% Linear adjustment

STROBE

Electronic strobe, 0.3~25 F.P.S

TILT

270°

BEAM ANGLE(Open hole)

linear zoom 6°- 50° with 16 bit function

CONTROL

DMX512 , 5 pin interfaces

RDM control protocol

14 channels in short mode, 17 channels in standard mode and 19 channels in extended mode

Master/Slave synchronized mode

Stand-alone mode

OTHER FUNCTION

Total hours displayable

English and Chinese menus

Built-in sensor diagnostic system

Software versions displayable

Input signal isolation

Modular Structure for easy maintenance

HOUSING

High temperature ABS+ High tensile cast aluminum , IP66

NET WEIGHT

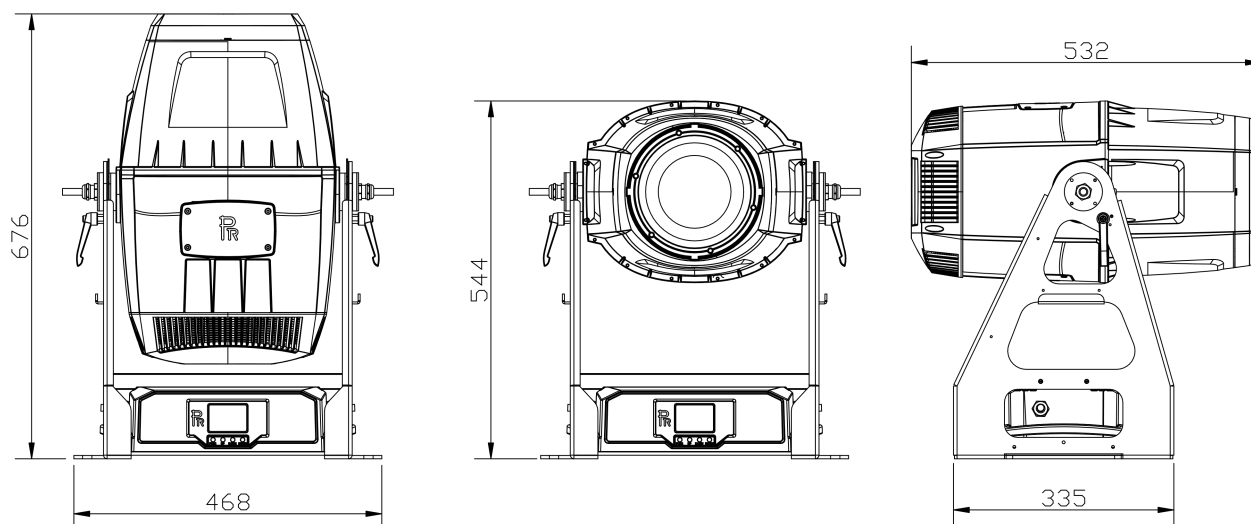
28.5 Kg

OPERATION TEMPERATURE

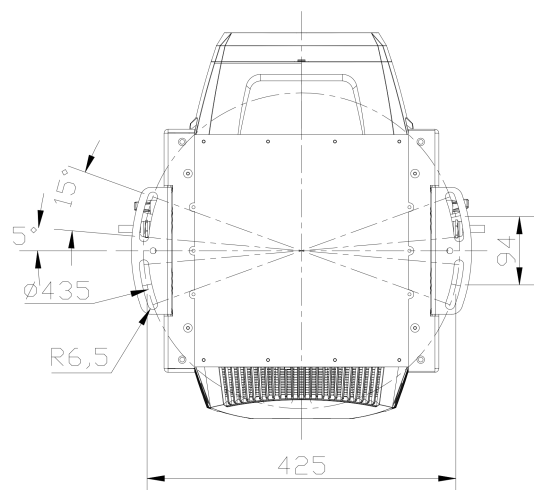
Highest ambient temperature 45°C

Note: If the ambient temperature is below -20°C, reset a projector before pre-heating it for more than 30 minutes

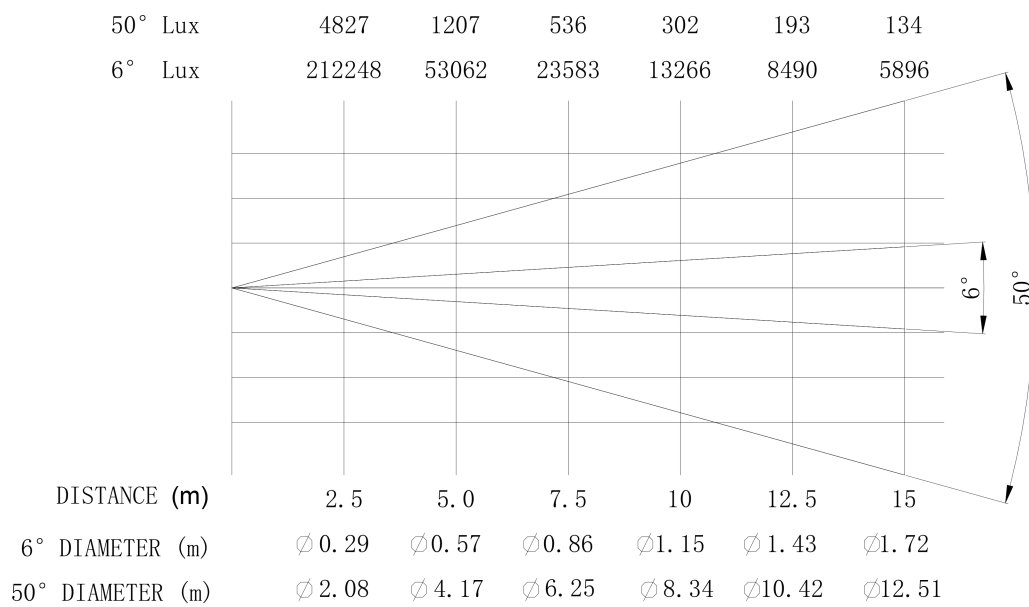
SIZES (unit: mm)



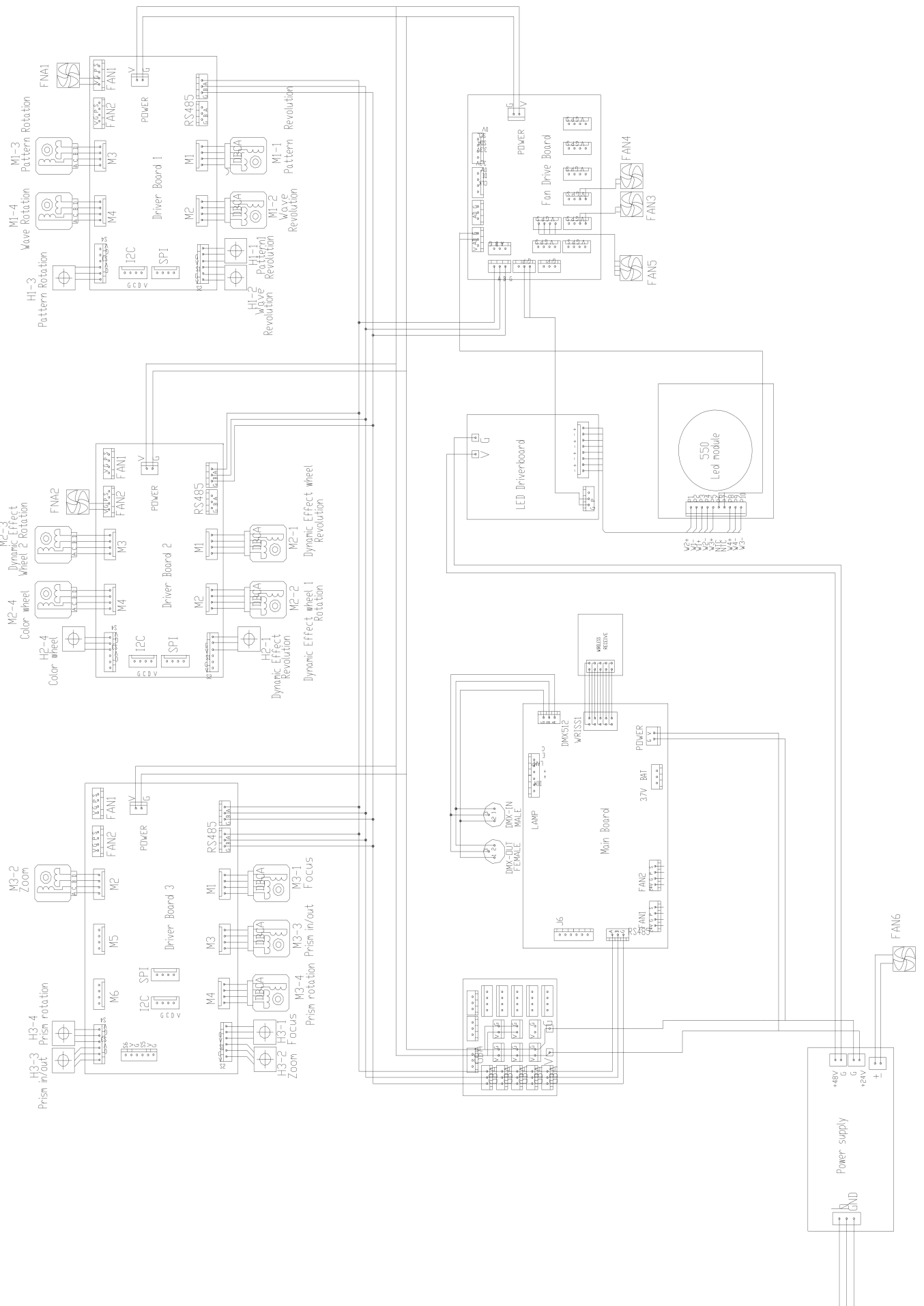
SIZE OF MOUNTING HOLES IN THE BASE (Unit mm)



LIGHT OUTPUT



10. CIRCUIT DIAGRAM AND



11 .COMPONENT ORDER CODES

NAME	CODE NO.	QTY.	REMARKS
SWITCHING POWER SUPPLY	192010228A	1	
LED MODULE	150020337	1	
LED MODULE FAN	030060116	1	
BLOWER FOR GOBO WHEEL	030060106	1	
FAN FOR POWER SUPPLY IN THE BASE	030060075	1	
LED DRIVER FAN	030060084	1	
FAN FOR LENS ACCESSORY	030060104	1	
BLOWER FOR LENS ACCESSORY	030060072A	1	

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PR lighting will try its best to offer accurate and overall information about a product's technical data. Any changes won't be notified if necessary. Patented Products.
Counterfeiting Will be Prosecuted!

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Version: 20230927