

1060 LED Beam Wash Strobe Multifunctional Bar Light Manual



Please keep the instruction manual properly

1. Unpacking

To use this product correctly and safely, please read the instruction manual carefully before installing and using this product. This instruction manual contains important installation and application information. When installing and operating the product, please strictly follow the operating steps in the instruction manual. At the same time, please keep this instruction manual properly.

The 1060 LED Beam Wash Strobe Multifunctional Bar Light is designed and produced in strict accordance with CE standards and complies with the international standard DMX512 signal protocol. It can be controlled individually or used online. It has the characteristics of fast rotation, low noise and powerful functions. It is suitable for small and medium-sized concerts, theaters, studios, nightclubs and bars.

Please remove the packaging carefully. After removing the packaging, check whether the product has been damaged during transportation and whether the following contents are complete.

1060 LED Beam Wash Strobe Multifunctional Bar Light----1 pc
User's manual----1 pc
DMX cable----1 pc
Power cable----1 pc
Hanging parts----1 set

2. Technical Parameters :

Input voltage: AC100-240V/50-60HZ

Main light source: 10x60W RGBW LED

Auxiliary light: 96X0.5W CW LED

96X0.5W WW LED

96X0.5W RGB LED

Total power: 750W

Channel mode: 17CH/27CH/99CH/108CH/168CH/170CH

Beam angle: 2.8~31° (beam end)

Spot angle: 5~46° (beam end)

White light color temperature 6000k

Luminous flux: 22000lm

Light source life: about 50000 hours

Work site: suitable for any safe indoor work site

Display mode: LCD display, temperature display, Chinese and English display, display inversion

Working mode: DMX512 mode, mode, mode, master/slave mode

Y-axis automatic error correction function, rich built-in programs

Dimming level: 0-100% perfect linear dimming

Working environment: 0~40℃, maximum surface temperature 65℃

Protection level: IP20

3. Safety instructions

Notice!

Please be careful before operating this product. This product is a high-voltage product and you may get an electric shock if you touch the wires!

This product was in good condition before leaving the factory. To keep this product in good condition and ensure safe operation, users should follow the safety precautions and warnings in this manual.



Important : Damage caused by failure to follow this instruction manual is not covered by the warranty. The supplier is not responsible for product problems caused by this.

If the product has been exposed to an extremely unstable temperature environment (such as after transportation), please do not connect the product to the power supply immediately, because water droplets generated by temperature changes may damage the product. Please use the product after it returns to normal temperature.

This product can be used within the voltage range of 90-240V and is for indoor use. Please ensure that the ground voltage is not higher than the product can withstand! ! The power plug must be plugged into a well-protected Class I socket. The green or brown conductor must be grounded.

Please check the power cord of this product regularly. Make sure the power cord is not folded or damaged, and is not connected to other wires! Pay special attention when connecting the power cord or related connections. Be sure to unplug the power cord when not in use or before cleaning.

Before using the product, please familiarize yourself with its operation functions. Do not allow children or unprofessionals to touch the product.

Please do not shake the product. Do not use brute force when installing or operating the product. Do not let unprofessionals operate the product. Most damages are caused by unprofessional operation.

The product is not equipped with related repair parts. The maintenance and repair of the product can only be carried out by professionals! Please do not modify this product without authorization, otherwise it may damage the product and the damage caused is not covered by the warranty. In addition, unprofessional operation may cause short circuits, burns or electric shocks, etc.

4. Operate

- This product is a moving head wash beam light, used to create a wash performance effect.
- If the product has been through a large temperature difference (for example, after transportation), do not start the product immediately, because the heat contraction will damage the product. Please wait until the device reaches normal room temperature before starting the product.
- Pay attention to shock protection. Avoid strong collisions during product installation.
- Please do not lift the entire product by the lamp head, as this may damage the mechanical properties of the device.
- When choosing the installation location, make sure that the product is not exposed to overheated, too humid or dusty places. Please do not place any wires on the ground, otherwise there may be a risk of electric shock.
- Before installing the product, please ensure that the installation point is safe
- Please tie the product with a safety rope and check that all screws are correct during installation
- Please ensure that the lens is in good condition. When the lens is damaged or scratched, please replace the lens.
- It is recommended that a technician familiar with this product operate this product. Non-technical personnel are prohibited from operating this device, because many losses are the result of unprofessional operation.
- Please keep the packaging materials properly in case of secondary transportation.
- Do not modify the product without the guidance of the manufacturer or dealer.
- Any equipment failure caused by failure to operate the equipment in accordance with the instructions is not covered by the warranty. Also, any short circuit, injury, electric shock, injury caused by ultraviolet rays, bulb explosion, etc. are not covered by the warranty.

5. Product hanging and installation

Note: For greater safety, please hang and install this product away from aisles, seating areas, or areas within reach of people.

Before hanging this product, please make sure that the installation point can bear 10 times the weight of the product.

The product must be installed with a secondary protection device, such as a safety rope.

When hanging, removing or repairing this product, it is forbidden to stand under the installation point.

Please ensure that this product should be installed at least 0.5 meters away from flammable materials.

Please remember to use the safety rope as a safety guarantee to prevent accidents caused by loosening when the lock is about to be locked.

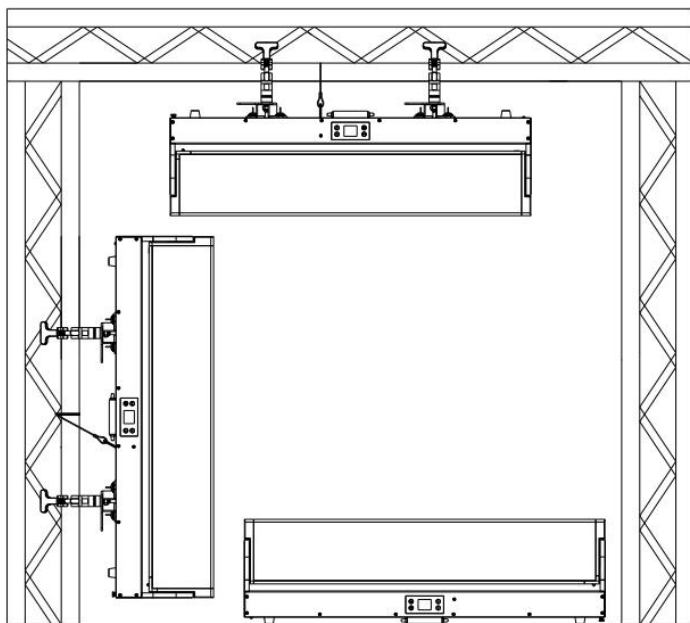
Hanging point: Top hanging requires experienced installers, including calculation of load-bearing requirements, installation materials used, and periodic inspection of

installation materials and product safety. If you lack this knowledge, please do not attempt to install it yourself. If not done correctly, it may result in serious consequences such as personal injury.

Before powering on the product, please ensure that all required hanging and installation steps are completed.

Quick-lock hanging: There is a specially designed professional hanging piece at the bottom of this product, including a quick-lock hanging piece and a safety rope hanging point (please refer to the figure below).

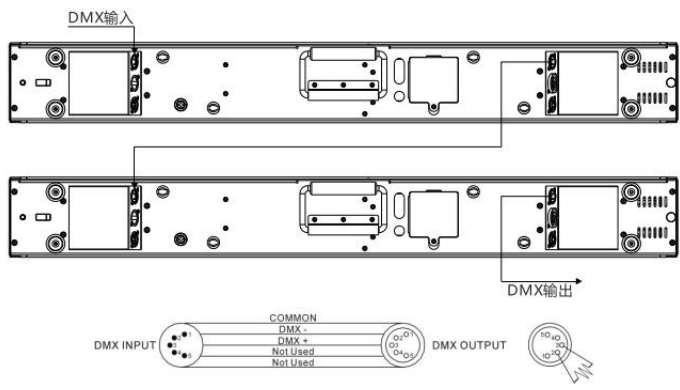
When hanging this product on a truss, please remember to use a suitable quick lock, fix it to the quick lock hanging position of the product, and hang it with M10 screws. To further ensure safety, please install the safety rope on the safety rope hanging point at the bottom of the product and fix it on the truss.



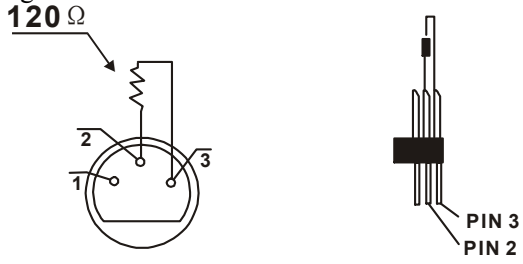
No matter which type of hanging you choose, please remember to use the safety rope. There is a special safety rope hanging point at the bottom of the product, please refer to the above picture, and please remember to use the special safety rope hanging point, and never install the safety rope on the handle.

6. DMX-512 connection

Please plug the male end of the XLR signal cable provided with this product into the signal output port of the controller, and the female end into the signal input port on the back panel of this product. You can connect multiple products in series. The signal cable needs to be three-core, shielded, with XLR input and output connectors. Please refer to the figure below.



DMX-512 connection requires a terminator (loop connection)
During the installation process, if the signal line is laid for a long distance or in an environment with noisy electrical appliances, such as a dance hall, it is recommended to use a DMX terminator (loop connection). This can avoid the turbidity of the digital control signal caused by electrical noise. The DMX terminator is composed of a simple XLR connector 2-core and 3-core connected to a 120 ohm resistor. Please insert the terminator into the XLR output port of the last product, please refer to the figure below.



7. Menu

Main menu	Secondary menu	Level 3 menu/parameters
System Settings	Operation mode	DMX/Sound Control/Auto 1/Auto 2
	Channel mode	17CH/27CH/99CH/108CH /168CH/170CH
	Pixel inversion	ON/OFF
	Vertical inversion	ON/OFF
	Reserved function	ON/OFF
	Optocoupler error correction	ON/OFF
	Signal retention	ON/OFF
	Screen protection	ON/OFF
	Screen flip	ON/OFF/automatic
	Synchronous update	ON/OFF (Please unplug the DMX cable to operate this function)
	Language	中/EN
	Dimming curve	Curve 1-4
	Dimming speed	Fast/Smooth
	Reset to factory setting	
Manual mode	Manual control channel value	000-255
System calibration	Enter password	Lighting Calibration
System reset	Effect motor reset	Reset all effects except XY
	Scan motor reset	Only XY axis reset
	All motor reset	Lighting reset
System information	Reset information	Display detailed information
	DMX data detection	Display detailed DMX detection content
	Sensor information	Display detailed information of optocoupler and Hall
	Hardware version	Display hardware version number
	Software version	Display software version number

◆System Settings

Options	Description	
Operation Mode	The lamp supports three operating modes: DMX mode, self-propelled mode, and sound control mode	
	DMX Mode	Controller mode, receiving DMX signal, RDM signal
	Self-	The lamp automatically runs according to the built-in

	propelled mode 1	program 1
	Self-propelled mode 2	The lamp automatically runs according to the built-in program 2
	Sound control mode	When the lamp detects a strong sound, it will automatically run a scene according to the built-in program, otherwise it will keep the last scene
Channel Mode	The following channel values can be selected : 17CH/27CH/99CH/108CH /168CH/170CH	
Pixel Inversion	The order of the lamp beads is reversed, for example, lamp beads 1-10 become 10-1	
	ON	Lamp beads reverse order
	OFF	The order of the lamp beads is not reversed
Vertical inversion	Changing the Y-axis direction of the lamp	
	ON	Y axis direction swap
	OFF	The Y-axis direction is not swap
Reserved function	NO	
Optical coupler error correction	X, Y axis optocoupler error correction	
	ON	X, Y axis optocoupler error correction
	OFF	X, Y axis optocoupler does not correct errors
Signal retention	When there is no DMX signal, the output status of the lamp	
	OFF	No signal, so the motor and light source return to the position and state when reset is completed
	ON	No signal, keep the last frame of DMX data output
Screen protection	Screen on time	
	OFF	Always on
	ON	In a static environment, the screen is turned off at a fixed time
Screen flip	Set the screen orientation	
	OFF	Do not invert the display
	ON	Invert display
	Automatic	The system can automatically rotate the screen according to the direction of gravity without manual rotation
Synchronous update	Synchronize the setting parameters or calibration parameters of multiple lamps	
	OFF	Synchronous updates are disabled.
	ON	Connect multiple lamps with DMX cables, and update the information synchronously on the calibration interface. (Note: Please unplug the DMX signal cable connected to the console)

Language	Switch between Chinese and English menu	
	中	Chinese
	EN	English
Dimming curve	The change curve of dimming brightness	
	Curve 1	Linear
	Curve 2	square
	Curve 3	Inverse Square
	Curve 4	S-curve
Dimming speed	Dimming speed change	
	fast	Faster dimming speed
	smooth	Slower dimming speed
Reset to factory setting	The lighting parameters return to factory settings	
	Cancel	keep it as it is
	confirm	Restore the lamp to factory settings

◆Manual control

This interface is used to control the current lamp. For details, see the channel table. Press the "OK" key to enter the editing state. Press the "Up" and "Down" keys to change the channel value. Press "OK" again to save the modified value and exit the editing. Press "Exit" to exit the editing directly without saving the modified value.

◆System calibration

A password is set here to prevent non-professionals from misoperating. Press the "Confirm" button to verify the password.

Options	Description
Initial position calibration	After entering the sub-interface, you can adjust the reset position of the Y-axis, focus and other motors to compensate for the error in hardware installation. The adjustment range is 0~255, and 127 means no adjustment.
White balance calibration	The power of LED1-10 and the entire LED can be adjusted, the adjustment range is 0~255, 255 means no adjustment.
Power calibration	The maximum power of the entire lamp can be adjusted, the adjustment range is 0~255, 255 means no adjustment.
MIC sensitivity calibration	Adjust the sound control sensitivity.
Change password	Set the system calibration password.

◆Reset

Press the "Up" or "Down" key to switch the reset mode, and press "OK" to reset directly.

Options	Description
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Effect motor reset	Focusing and other motor reset
Scan motor reset	Only Y axis reset
All motor reset	Lighting reset

◆System information

Options	Description
Reset error information	<p>If the red ERR indicator light is on, it means that the lamp is operating incorrectly :</p> <p>1) IC1 communication failure (6 lamp beads and display board failed to communicate)</p> <p>2) IC2 communication failure (the 4 lamp beads and the display board failed to communicate)</p> <p>3) Y axis error</p> <p>4) Reset failed</p>
DMX data monitoring	<p>Enter the sub-interface and display the channel value in numerical form for viewing. You can turn the page</p>
Sensor information	<p>1) Hall :</p> <div> <div>XXXX</div> <div> <div></div> <div></div> <div></div> <div></div> </div> <div> <div>Reserve</div> <div>Reserve</div> <div>Reserve</div> <div>Zoom</div> </div> </div> <p>2) Sensor :</p> <p>X、Y Optocoupler : <u>XXXX</u>--<u>XXXX</u></p> <div> <div></div> <div></div> <div></div> </div> <div> <div>Actual value</div> <div>Set value</div> </div>
Hardware version number	<p>Lighting hardware information</p> <div> <div>XX</div> <div>XX</div> <div>XX</div> <div>.XX</div> </div> <div> <div></div> <div></div> <div></div> </div> <div> <div>Display board version</div> <div>Motor version.</div> <div>Light board version</div> </div>
Software version number	<p>Lighting software version</p> <div> <div>XX</div> <div>XX</div> <div>XX</div> <div>.XX</div> </div> <div> <div></div> <div></div> <div></div> </div>

	Display board version . Motor version. Light board version
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8. Channel Table

17 CH	27 CH	Function	DMX value	Description
1	1	Y axis	0-255	0-270°
2	2	Y axis fine adjustment	0-255	16bit adjustable
3	3	Zoom	0-255	Linear adjustment from wide to narrow
4	4	Dimming	0-255	Linear dimming from dark to bright
5	5	Main light strobe	0-7	OFF
			8-15	ON
			16-131	Strobe, slow to fast
			132-139	Open light
			140-181	Slow opening and fast closing, from slow to fast
			182-189	Open light
			190-231	Fast opening and slow closing, from slow to fast
			232-239	Open light
			240-247	Random strobe, from slow to fast
			248-255	Open light
6	6	Strobe white light strobe	0-7	OFF light
			8-15	Open light
			16-131	Strobe, slow to fast
			132-139	Open light
			140-181	Slow opening and fast closing, from slow to fast
			182-189	Open light
			190-231	Fast opening and slow closing, from slow to fast
			232-239	Open light
			240-247	Random strobe, from slow to fast
			248-255	Open light
7	7	Strobe Color Light Strobe	0-7	OFF light
			8-15	Open light
			16-131	Strobe, slow to fast
			132-139	Open light

			140-181	Slow opening and fast closing, from slow to fast
			182-189	Open light
			190-231	Fast opening and slow closing, from slow to fast
			232-239	Open light
			240-247	Random strobe, from slow to fast
			248-255	Open light
8	8	special function	0-29	NO
			30-39	Dimming curve: linear
			40-49	Dimming curve: square rate
			50-59	Dimming curve: inverse square rate
			60-69	Dimming curve: S curve
			70-139	NO
			140-149	Y axis reset
			150-159	Head motor reset
			160-199	NO
			200-209	All motors reset
			210-219	Dimming speed: Fast
			220-229	Dimming speed: Smooth
			230-255	NO
9	9	Main light red	0-255	Linear dimming of red from dark to bright
10	10	Main light green	0-255	Linear dimming of green from dark to bright
11	11	Main light blue	0-255	Linear dimming of blue from dark to bright
12	12	Main light white	0-255	Linear dimming of white from dark to bright
/	13	Main light color temperature	0	NO
			1-255	8000K-2500K Linear color temperature adjustment
	14	Main light color	0-7	NO
			8-255	Built-in color selection
	15	Main light built-in effect	0-7	NO
			8-15	Effect 1
		 (8 numbers one effect)
			184-191	Effect 23
			192-255	NO

	16	Main light effect speed	0-127	Slow to fast (no fade-out effect)
			128-255	From slow to fast (fade out effect)
13	17	Strobe light cool white	0-255	Cool white linear dimming from dark to bright
14	18	Strobe light warm white	0-255	Warm white linear dimming from dark to bright
	19	Strobe white light color temperature	0-67	NO
			68-247	6500K-2600K Linear color temperature adjustment
			248-255	NO
/	20	Strobe white light built-in effect	0-7	NO
			8-15	Effect 1
		 (8 numbers one effect)
			184-191	Effect 23
			192-255	NO
	21	Strobe white light effect speed	0-127	Slow to fast (no fade-out effect)
			128-255	From slow to fast (fade out effect)
15	22	Strobe light red	0-255	Linear dimming of red from dark to bright
16	23	Strobe light green	0-255	Linear dimming of green from dark to bright
17	24	Strobe light blue	0-255	Linear dimming of blue from dark to bright
/	25	Strobe light colorful	0-7	NO
			8-255	Built-in color selection
	26	Built-in strobe light effects	0-7	NO
			8-15	Effect 1
		 (8 numbers one effect)
			184-191	Effect 23
			192-255	NO
	27	Strobe colorful light effect speed	0-127	Slow to fast (no fade-out effect)
			128-255	From slow to fast (fade out effect)

99 CH	Function	DMX value	Description
1	Y axis	0-255	0-270 °

2	Y axis fine adjustment	0-255	16bit adjustable
3	Zoom	0-255	Linear dimming from wide to narrow
4	Dimming	0-255	Linear dimming from dark to bright
5	Main light strobe	0-7	OFF light
		8-15	Open light
		16-131	Strobe, slow to fast
		132-139	Open light
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open light
		190-231	Fast opening and slow closing, from slow to fast
		232-239	Open light
		240-247	Random strobe, from slow to fast
		248-255	Open light
6	Strobe white light strobe	0-7	OFF light
		8-15	Open light
		16-131	Strobe, slow to fast
		132-139	Open light
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open light
		190-231	Fast opening and slow closing, from slow to fast
		232-239	Open light
		240-247	Random strobe, from slow to fast
		248-255	Open light
7	Strobe Color Light Strobe	0-7	OFF light
		8-15	Open light
		16-131	Strobe, slow to fast
		132-139	Open light
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open light
		190-231	Fast opening and slow closing, from slow to fast
		232-239	Open light
		240-247	Random strobe, from slow to fast
		248-255	Open light

8	special function	0-29	NO
		30-39	Dimming curve: linear
		40-49	Dimming curve: square rate
		50-59	Dimming curve: inverse square rate
		60-69	Dimming curve: S curve
		70-139	NO
		140-149	Y axis reset
		150-159	Head motor reset
		160-199	NO
		200-209	All motors reset
		210-219	Dimming speed: Fast
		220-229	Dimming speed: Smooth
		230-255	NO
9	Main light red 1	0-255	Linear dimming of red from dark to bright
10	Main light green 1	0-255	Linear dimming of green from dark to bright
11	Main light blue 1	0-255	Linear dimming of blue from dark to bright
12	Main light white 1	0-255	Linear dimming of white from dark to bright
...
45	Main light red 10	0-255	Linear dimming of red from dark to bright
46	Main light green 10	0-255	Linear dimming of green from dark to bright
47	Main light blue 10	0-255	Linear dimming of blue from dark to bright
48	Main light white 10	0-255	Linear dimming of white from dark to bright
49	Strobe light cool white 1	0-255	Cool white linear dimming from dark to bright
50	Strobe light warm white 1	0-255	Warm white linear dimming from dark to bright
...
95	Strobe light cool white 24	0-255	Cool white linear dimming from dark to bright
96	Strobe light warm white 24	0-255	Warm white linear dimming from dark to bright
97	Strobe light red	0-255	Linear dimming of red from dark to bright
98	Strobe light green	0-255	Linear dimming of green from dark

			to bright
99	Strobe light blue	0-255	Linear dimming of blue from dark to bright

108 CH	Function	DMX value	Description
1	Y axis	0-255	0-270 °
2	Y axis fine adjustment	0-255	16bit adjustable
3	Zoom	0-255	Linear dimming from wide to narrow
4	Dimming	0-255	Linear dimming from dark to bright
5	Main light strobe	0-7	OFF light
		8-15	Open light
		16-131	Strobe, slow to fast
		132-139	Open light
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open light
		190-231	Fast opening and slow closing, from slow to fast
		232-239	Open light
		240-247	Random strobe, from slow to fast
		248-255	Open light
6	Strobe white light strobe	0-7	OFF light
		8-15	Open light
		16-131	Strobe, slow to fast
		132-139	Open light
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open light
		190-231	Fast opening and slow closing, from slow to fast
		232-239	Open light
		240-247	Random strobe, from slow to fast
		248-255	Open light
7	Strobe Color Light Strobe	0-7	OFF light
		8-15	Open light
		16-131	Strobe, slow to fast
		132-139	Open light

		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open light
		190-231	Fast opening and slow closing, from slow to fast
		232-239	Open light
		240-247	Random strobe, from slow to fast
		248-255	Open light
8	special function	0-29	NO
		30-39	Dimming curve: linear
		40-49	Dimming curve: square rate
		50-59	Dimming curve: inverse square rate
		60-69	Dimming curve: S curve
		70-139	NO
		140-149	Y axis reset
		150-159	Head motor reset
		160-199	NO
		200-209	All motors reset
		210-219	Dimming speed: Fast
		220-229	Dimming speed: Smooth
		230-255	NO
9	Main light red 1	0-255	Linear dimming of red from dark to bright
10	Main light green 1	0-255	Linear dimming of green from dark to bright
11	Main light blue 1	0-255	Linear dimming of blue from dark to bright
12	Main light white 1	0-255	Linear dimming of white from dark to bright
...
45	Main light red 10	0-255	Linear dimming of red from dark to bright
46	Main light green 10	0-255	Linear dimming of green from dark to bright
47	Main light blue 10	0-255	Linear dimming of blue from dark to bright
48	Main light white 10	0-255	Linear dimming of white from dark to bright
49	Strobe light cool white 1	0-255	Cool white linear dimming from dark to bright
50	Strobe light warm white 1	0-255	Warm white linear dimming from dark to bright

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71	Strobe light cool white 12	0-255	Cool white linear dimming from dark to bright
72	Strobe light warm white 12	0-255	Warm white linear dimming from dark to bright
73	Strobe light red 1	0-255	Linear dimming of red from dark to bright
74	Strobe light green 1	0-255	Linear dimming of green from dark to bright
75	Strobe light blue 1	0-255	Linear dimming of blue from dark to bright
...
106	Strobe light red 12	0-255	Linear dimming of red from dark to bright
107	Strobe light green 12	0-255	Linear dimming of green from dark to bright
108	Strobe light blue 12	0-255	Linear dimming of blue from dark to bright

168 CH	Function	DMX value	Description
1	Y axis	0-255	0-270 °
2	Y axis fine adjustment	0-255	16bit adjustable
3	Zoom	0-255	Linear dimming from wide to narrow
4	Dimming	0-255	Linear dimming from dark to bright
5	Main light strobe	0-7	OFF light
		8-15	Open light
		16-131	Strobe, slow to fast
		132-139	Open light
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open light
		190-231	Fast opening and slow closing, from slow to fast
		232-239	Open light
		240-247	Random strobe, from slow to fast
		248-255	Open light
6	Strobe white light strobe	0-7	OFF light
		8-15	Open light
		16-131	Strobe, slow to fast

		132-139	Open light
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open light
		190-231	Fast opening and slow closing, from slow to fast
		232-239	Open light
		240-247	Random strobe, from slow to fast
		248-255	Open light
7	Strobe Color Light Strobe	0-7	OFF light
		8-15	Open light
		16-131	Strobe, slow to fast
		132-139	Open light
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open light
		190-231	Fast opening and slow closing, from slow to fast
		232-239	Open light
		240-247	Random strobe, from slow to fast
		248-255	Open light
8	special function	0-29	NO
		30-39	Dimming curve: linear
		40-49	Dimming curve: square rate
		50-59	Dimming curve: inverse square rate
		60-69	Dimming curve: S curve
		70-139	NO
		140-149	Y axis reset
		150-159	Head motor reset
		160-199	NO
		200-209	All motors reset
		210-219	Dimming speed: Fast
		220-229	Dimming speed: Smooth
		230-255	NO
9	Main light red 1	0-255	Linear dimming of red from dark to bright
10	Main light green 1	0-255	Linear dimming of green from dark to bright
11	Main light blue 1	0-255	Linear dimming of blue from dark to bright
12	Main light white 1	0-255	Linear dimming of white from dark

			to bright
...
45	Main light red 10	0-255	Linear dimming of red from dark to bright
46	Main light green 10	0-255	Linear dimming of green from dark to bright
47	Main light blue 10	0-255	Linear dimming of blue from dark to bright
48	Main light white 10	0-255	Linear dimming of white from dark to bright
49	Strobe light cool white 1	0-255	Cool white linear dimming from dark to bright
50	Strobe light warm white 1	0-255	Warm white linear dimming from dark to bright
...
95	Strobe light cool white 24	0-255	Cool white linear dimming from dark to bright
96	Strobe light warm white 24	0-255	Warm white linear dimming from dark to bright
97	Strobe light red 1	0-255	Linear dimming of red from dark to bright
98	Strobe light green 1	0-255	Linear dimming of green from dark to bright
99	Strobe light blue 1	0-255	Linear dimming of blue from dark to bright
...
166	Strobe light red 24	0-255	Linear dimming of red from dark to bright
167	Strobe light green 24	0-255	Linear dimming of green from dark to bright
168	Strobe light blue 24	0-255	Linear dimming of blue from dark to bright

170 CH	Function	DMX value	Description
1	Y axis	0-255	0-270 °
2	Y axis fine adjustment	0-255	16bit adjustable
3	Zoom	0-255	Linear dimming from wide to narrow
4	Main light dimming	0-255	Linear dimming from dark to bright
5	Strobe white	0-255	Linear dimming from dark to bright

	light dimming		
6	Strobe color light dimming	0-255	Linear dimming from dark to bright
7	Main light strobe	0-7	OFF light
		8-15	Open light
		16-131	Strobe, slow to fast
		132-139	Open light
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open light
		190-231	Fast opening and slow closing, from slow to fast
		232-239	Open light
		240-247	Random strobe, from slow to fast
		248-255	Open light
8	Strobe white light strobe	0-7	OFF light
		8-15	Open light
		16-131	Strobe, slow to fast
		132-139	Open light
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open light
		190-231	Fast opening and slow closing, from slow to fast
		232-239	Open light
		240-247	Random strobe, from slow to fast
		248-255	Open light
9	Strobe Color Light Strobe	0-7	OFF light
		8-15	Open light
		16-131	Strobe, slow to fast
		132-139	Open light
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open light
		190-231	Fast opening and slow closing, from slow to fast
		232-239	Open light
		240-247	Random strobe, from slow to fast
		248-255	Open light
10	Special function	0-29	NO
		30-39	Dimming curve: linear

		40-49	Dimming curve: square rate
		50-59	Dimming curve: inverse square rate
		60-69	Dimming curve: S curve
		70-139	NO
		140-149	Y axis reset
		150-159	Head motor reset
		160-199	NO
		200-209	All motors reset
		210-219	Dimming speed: Fast
		220-229	Dimming speed: Smooth
		230-255	NO
11	Main light red 1	0-255	Linear dimming of red from dark to bright
12	Main light green 1	0-255	Linear dimming of green from dark to bright
13	Main light blue 1	0-255	Linear dimming of blue from dark to bright
14	Main light white 1	0-255	Linear dimming of white from dark to bright
...
47	Main light red 10	0-255	Linear dimming of red from dark to bright
48	Main light green 10	0-255	Linear dimming of green from dark to bright
49	Main light blue 10	0-255	Linear dimming of blue from dark to bright
50	Main light white 10	0-255	Linear dimming of white from dark to bright
51	Strobe light cool white 1	0-255	Cool white linear dimming from dark to bright
52	Strobe light warm white 1	0-255	Warm white linear dimming from dark to bright
...
97	Strobe light cool white 24	0-255	Cool white linear dimming from dark to bright
98	Strobe light warm white 24	0-255	Warm white linear dimming from dark to bright
99	Strobe light red 1	0-255	Linear dimming of red from dark to bright
100	Strobe light green 1	0-255	Linear dimming of green from dark to bright
101	Strobe light blue	0-255	Linear dimming of blue from dark to

	1		bright
...
168	Strobe light red 24	0-255	Linear dimming of red from dark to bright
169	Strobe light green 24	0-255	Linear dimming of green from dark to bright
170	Strobe light blue 24	0-255	Linear dimming of blue from dark to bright

9. Product Care and Cleaning

Please pay attention to the following points when testing this product:

1. All screws and parts for installing the product must be tightly connected and must not rust.
 2. The housing, lens, fixings and installation locations (such as ceilings, hangers, trusses, etc.) must not be deformed.
 3. Mechanical moving parts must not be worn or rotate unbalanced.
 4. The power cord must not have any damage, broken materials or scars, etc.
- The installation and use of the product must be carried out by trained professional technicians, and safety hazards must be eliminated.

Note: Please unplug the power cord before performing product maintenance!

To keep the product in good condition and extend its service life, we recommend regular cleaning of the product.

1. Clean the external and internal lenses of the product every week to prevent the light output of the product from being weakened due to dust accumulation on the lenses.

2. Clean the fan every week.

3. Every three months, a professional electrical engineer will conduct a detailed circuit inspection of the product to ensure that the circuit contacts are in good condition to prevent aging of the circuit contacts due to overheating.

We recommend that you clean the product regularly. Please be careful not to use damp or linen cloth, and never use alcohol or solvents for cleaning.

This product does not come with replacement parts, please refer to the "Installation Instructions" section.

If the user needs any spare parts, please purchase them from your local dealer.