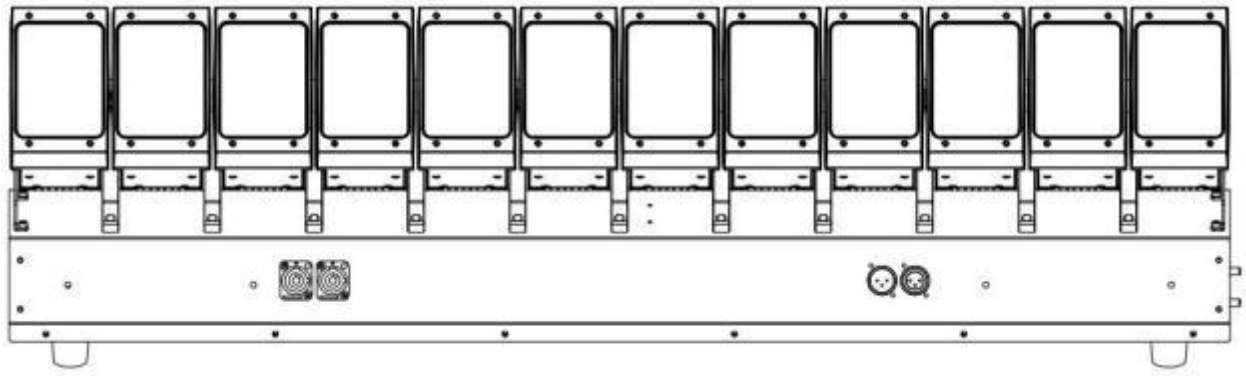
WAVE Bar 1260 IP

User Manual



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TECHNICAL PARAMETERS

Light source

Voltage: AC100-240V~ 50/60Hz
Power: 850W
Main light: 12 four-in-one 60 watt LED lamp.
Auxiliary light: 4321W dual-color light beads, white light + gold light.

Controls

Control mode: DMX512, self-walking, master-slave, sound control, with RDM function.
Channels: 26CH 59CH 128CH 182CH 314CH 329CH
Software upgrade: Upgrade software through DMX connection.
Signal input/output
Power Socket DMX512 Input/Output / Waterproof Power Connector.

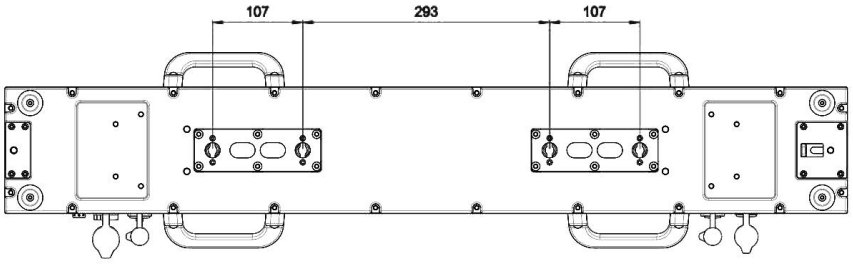
Effect

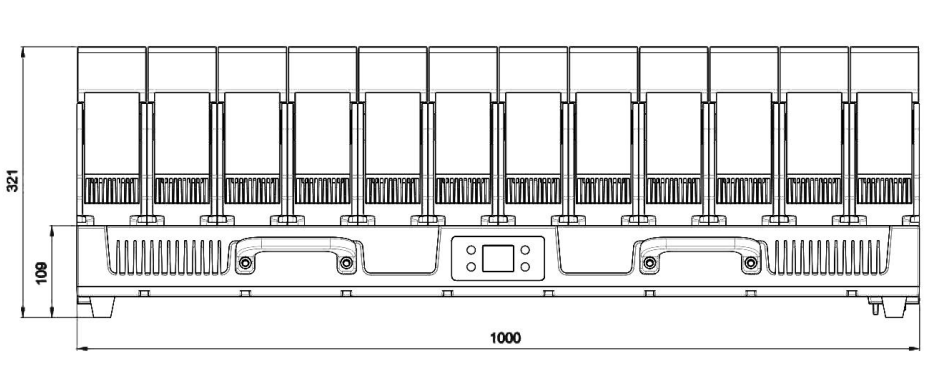
Dimming: 32bit 0~100% linear dimming.
Features: single swing + staining + beam.
Frequency response: 1~30Hz
Excellent mixing effect;
Built-in splicing pin, can achieve rapid machine splicing; appearance: metal, black;

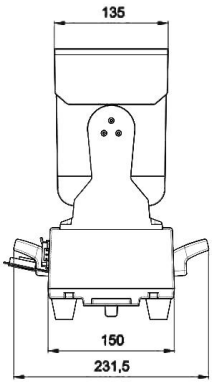
Construction

Working temperature: -30 degree ~50 degree.
Protection rating: IP65

SIZE DRAWING







Chapter 1 Precautions and Installation

1. Remove packaging

For correct and safe use of this product, please read the instructions carefully before installation and use. This instruction contains important information about installation and application. Please strictly follow the instructions when installing and operating the product. Also, please keep this instruction properly.

The Thousand-Handed Guanyin Beam Light, designed and manufactured in strict compliance with CE standards, features international-standard DMX512 signal protocol. It can be operated independently or in networked configurations, boasting rapid rotation speed, low noise levels, and robust functionality. Perfectly suited for small-to-medium venues including concerts, theaters, studios, nightclubs, and bars.

Please be careful to remove the package. After the package is removed, check whether the product is damaged in the process of transportation and check whether the following contents are complete.

Thousand Buddha Guanyin shaking head light----1
unit Signal line----1
Instruction manual----1
power cord----1
Hanger----1 set

The product is not equipped with relevant maintenance parts. The maintenance and repair of the product can only be carried out by professionals!

Please do not change this product without authorization, otherwise the product may be damaged, and the damage caused is not covered by the warranty. In addition, non-professional operation may cause short circuit, burn or electric shock, etc.

2. Safety instructions

Attention! Please be careful when operating this product. This product is high pressure. If it comes into contact with wires, you may be electrocuted!

This product is in good condition before leaving the factory. In order to maintain the good condition of this product and ensure safe operation, users should follow the safety matters and warnings in this manual.

Important: Damage caused by failure to follow this manual is not covered by the warranty. The supplier shall not be held responsible for product problems arising therefrom.

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

This indoor product operates within a voltage range of 90-240V. Ensure the ground voltage remains below the product's safe tolerance level. The power plug must be plugged into a Class I socket with proper protection. The green or tea-colored conductor must be grounded.

Please regularly inspect the product-grade power cord to ensure it is not folded, damaged, or scratched, and that it is not connected to other wires. Special care should be taken when connecting the power cord or related wiring. Always unplug the power cord before using the product or cleaning it.

Before using the product, please familiarize yourself with the operation function of the product. Do not let children or non-professionals touch the product.

Please do not shake this product. Do not use brute force when installing or operating the product. Do not allow non-professionals to operate the product. Most damage is caused by unprofessional operation. The product is not equipped with relevant maintenance parts. The maintenance and repair of the product can only be carried out by professionals!

Please do not change this product without authorization, otherwise the product may be damaged, and the damage caused is not covered by the warranty. In addition, non-professional operation may cause short circuit, burn or electric shock, etc.

3. Product Notes

● If the product has been subjected to a large temperature difference (for example, after transportation), do not start the product immediately, because hot account cold shrink will damage the product. Please wait until the equipment reaches normal room temperature before starting the product.

● Pay attention to earthquake protection. Avoid strong collision during product installation.

● Please do not lift the entire product through the lamp head, because the mechanical parts of the equipment may be damaged.

● When choosing the installation location, make sure that the product is not exposed to overheating, too wet or too dusty. Do not place any wires on the ground, otherwise there may be a risk of electric shock.

● Before installing the product, ensure that the installation point is safe.

● Secure the product with a safety rope and check all screws for correct installation.

● Make sure the lens is in good condition. Replace the lens if it is damaged or scratched.

● It is recommended that the product be operated by technicians familiar with the product. Non-professionals are prohibited from operating the equipment, because many losses are caused by non-professional operation.

● Take good care of the packaging materials for secondary transportation.

● Do not change the product without the guidance of the manufacturer or distributor.

● Any equipment failure caused by failure to operate the equipment as specified in the instructions is not covered by the warranty. In addition, any accidents caused by short circuit, injury, electric shock, uv damage, bulb explosion, etc. are not covered by the warranty.

4. Lighting installation

Note: For safety reasons, please install this product in a place away from the aisle, seating area, or within reach of the person.

This luminaire can be installed horizontally, hung at an angle, or inverted. When installing at an angle or upside down, special attention must be paid to the installation method. For fixed installation:

Before positioning the luminaire, ensure the stability of the installation site. When installing upside down, make sure the luminaire does not fall off the support frame

Safety ropes must be securely threaded through support brackets and lamp handles to ensure proper suspension. To prevent lamp detachment or movement, pedestrians must remain below during installation and debugging. Regularly inspect the safety ropes for wear and check for loose hook screws. The manufacturer shall not be liable for any consequences resulting from lamp detachment due to unstable suspension systems.

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

Products must be installed with double protection devices, such as safety ropes.

When hanging, removing or repairing this product, do not stand under the installation point.

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

Safety Considerations: Top-mounted installations require experienced personnel to calculate load requirements, select appropriate materials, and conduct periodic safety inspections of components and products. Do not attempt to install these systems yourself without proper knowledge. Improper handling may result in serious consequences such as personal injury.

Before powering on the product, make sure that all required hanging and installation steps have been completed.

Quick lock suspension: The bottom of this product has a special professional suspension part, including quick lock suspension part and safety rope suspension point (please refer to the figure below).

When suspending this product on a truss, remember to use the appropriate quick-release lock to secure it at the designated hanging point on the product's quick-release lock. Install an M10 screw to secure it in place. For added safety, attach a safety rope to the bottom's designated suspension point and fasten it to the truss.

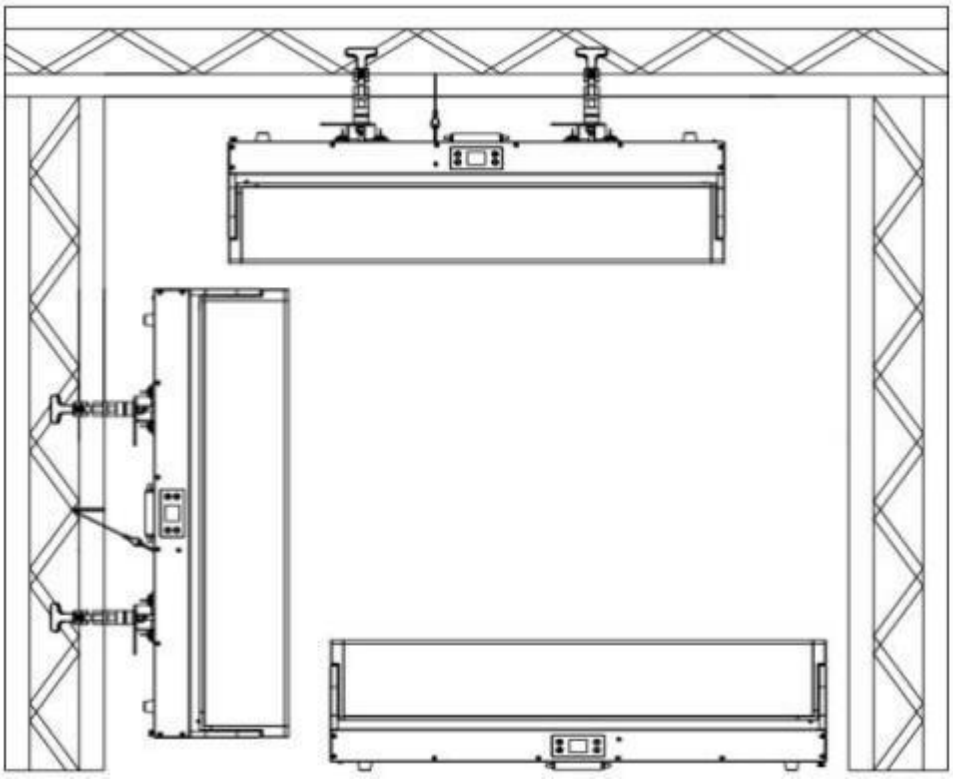


Figure 1 Schematic diagram of lamp installation

No matter which type of suspension you choose, remember to use a safety cord. The bottom of the product has a special safety cord suspension point. Please refer to the picture above and remember to use the specially provided safety cord suspension point. Do not attach the safety cord to the handle position.

DMX-512 linkage

This lighting system employs a DMX512 signal control protocol with parallel-connected fixtures. For multi-lamp configurations, dual-core shielded cables are recommended. Connect each fixture using its DMX signal ports (XLR connectors): INPUT and OUTPUT. Ensure all 3-pin XLR connectors are properly matched. A DMX signal terminal block is essential to prevent signal interference from electrical noise. The terminal block features a 120-ohm 1-watt resistor between pins 2 and 3 of the XLR connector, which should be installed on the last fixture's OUTPUT port.

Calculation method of lamp starting address code:

The starting address code of the current lamp is equal to (the starting address code of the previous lamp) + (the number of channels of the lamp) Note:

1: The starting address code value A001 of the first lamp.

2: The basic channel number of the controller should be greater than or equal to the total number of lamp use channels.

3. Note: When using any controller, each luminaire must have its own starting address code. For example, if the first luminaire is set with A001 as its starting address code and has 16 channels, the second luminaire should be configured with A017, the third with A033, and so on (this configuration method may vary depending on the specific control console).

Connect the male XLR connector of this product to the controller's signal output port, and the female connector to the signal input port on the back panel. You can connect multiple units in series. The required signal cables must be three-core shielded cables with XLR input and output connectors. Refer to the diagram below for details.

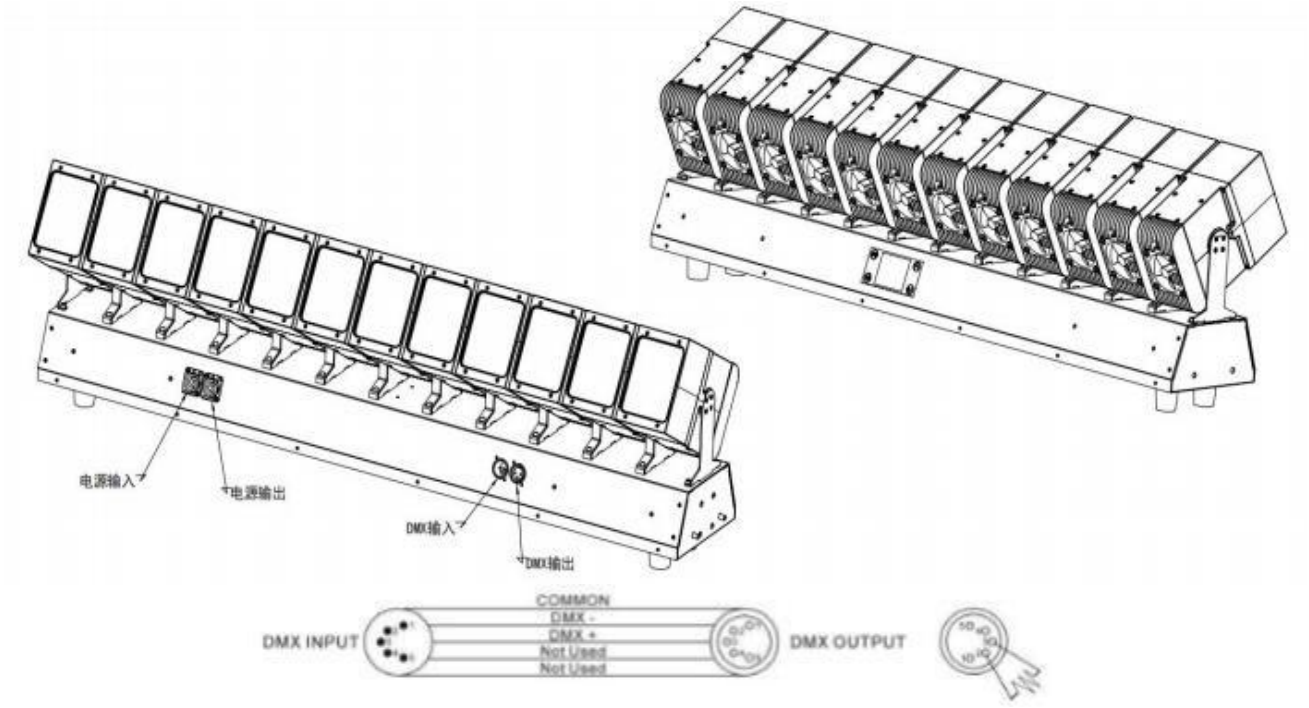


Figure 2 DMX512 connection diagram

Chapter 2 Panel operations

1. Lighting panels

The schematic diagram of the lamp panel is shown in Figure 3:

1) Signal light: the upper DMX signal light is lit in blue when the lamp is connected to the control console, and does not light up in normal state; the lower fault error signal light is lit in red when the lamp reports error, and does not light up in normal state.

2) Temperature: As shown in the diagram, the lamp board temperature is 30°C. If the temperature display shows---℃, it indicates abnormal temperature detection in the luminaire. This may be caused by a broken circuit in the temperature control connection wire. If the temperature display shows***℃ and there is a significant difference from the ambient temperature, it could indicate a short circuit in the temperature control connection wire. The equipment must be repaired by a professional technician to resolve the issue before normal operation can resume.

3) Address code: can display the range 001-512, the address code shown on the figure is 001.

4) DMX mode: 512 mode.

5) Key: UP: Up key
MENU: Back button
ENTER: Confirm key
DOWN: Next key

Note: Do not use sharp or pointed objects to click the display screen to prevent damage.

Figure 3 Schematic diagram of four key display panel

2. Menu home screen

The first menu interface contains 6 submenus. Select the corresponding submenus by "UP" key and "DOWN" key, and click "ENTER" key to enter the corresponding sub-menu interface. The first menu interface is shown in Figure 4:

1) Address: Click to enter the address code setting. The number of address codes can be increased or decreased by pressing the "UP" key and "DOWN" key. The address codes displayed on the lamp panel will be updated synchronously.

2) Settings: Click to enter the system options, you can change the working mode of the lamp, working parameters and panel display Settings.

3) Manual mode: Click to enter manual mode, you can control the function of the lamp, please refer to the channel table for details.

4) Calibration: Click the input password to enter the system calibration mode.

5) Reset: Click to enter the system reset mode and control the bulb.

6) Information: Click to view the system error correction, software and hardware version and other information.

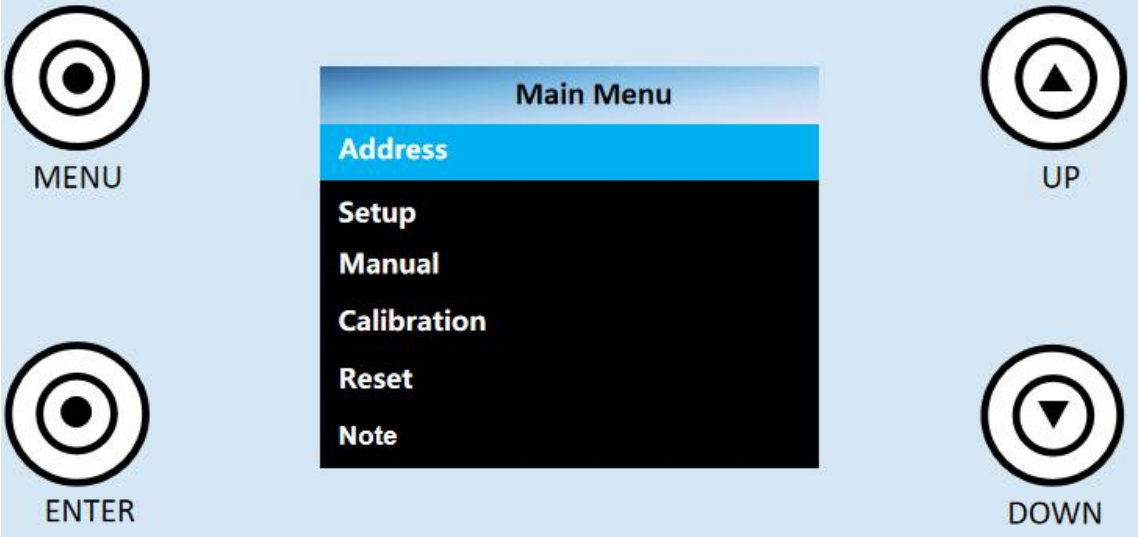


Figure 4 Determine the input window

2.1 System Setting

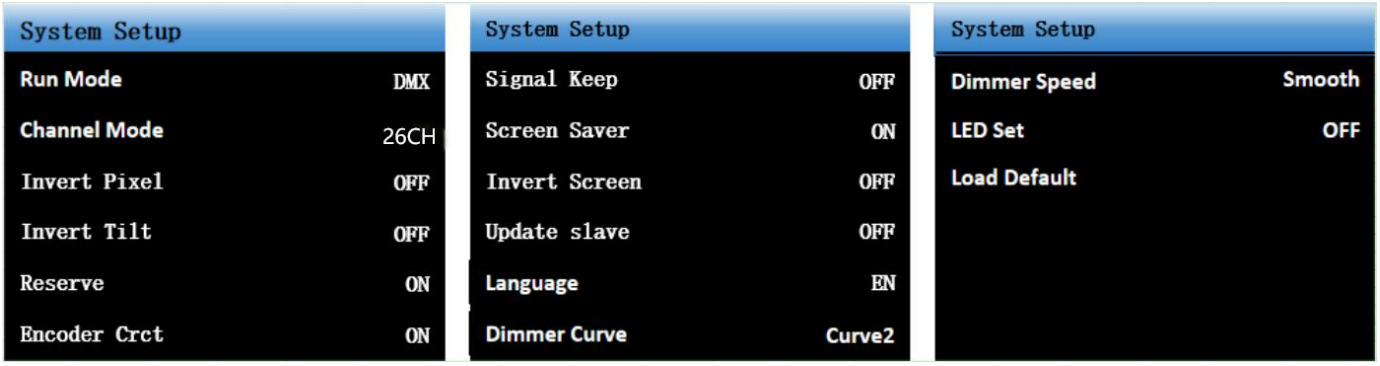


Figure 5 System Settings window

The system setting interface is shown in Figure 5. Enter the system setting, click "ENTER" key to select the Settings that need to be modified, then select the changed content through "UP" and "DOWN" keys, and finally confirm with "ENTER" key to change the working mode, working parameters and display settings of the panel. For details, see Table 1.

option	explain	
work pattern	Lighting mode: DMX/sound control/self walk 1/self walk 2	
	DMX pattern	Control console mode, receive DMX signal
	Autonomous mode 1	The lamp runs automatically with built-in self-starting program 1
	Self-drive mode 2	The lamp runs automatically with built-in self-starting program 2
	Voice-activated mode	When the lamp detects a strong sound, the lamp automatically runs a scene according to the built-in program, otherwise it remains the last scene
channel pattern	26CH 59CH 128CH 152CH 182CH 314CH 329CH	
Pixel reversal	Set the pixel direction	
	close	Not reverse
	open	opposite direction

Vertical reversal	Set the Y-axis direction	
	close	Not reverse
	open	opposite direction

Reserve function 1	On/off	
Reserve function 2	On/off	
Signal retention	The output status of the lamp when there is no DMX signal	
	close	No signal, so the motor and light source return to the position and state when the reset is complete
	open	No signal, keep the last frame of DMX data output
Screen Protection	Screen on screen time	
	close	Chang Liang
	open	In static environment, the screen is turned off at regular intervals
Screen flip	close	Screen facing forward
	open	Screen reversal
	voluntarily	The system can automatically rotate the screen according to the direction of gravity
Sync updates	Sync the setting parameters or calibration parameters of multiple lamps	
	close	Sync updates are disabled.
	open	After opening, connect multiple lamps with DMX line, and update information synchronously in the setting interface and calibration interface. (Note: Please unplug the DMX signal line connected to the console)
language	the Chinese language /EN	
Lighting curve	Curve 1	straight line
	Curve 2	Slope of square law curve
	Curve 3	Inverse square law curve
	Curve 4	S curve
Coloration speed	fast	Fast dimming
	smoothing	Slow dimming
LED number	Set the lamp head ID	
	close	Light ID editing is off
	1-12	Select the ID to be edited and click OK. The Y-axis will automatically go vertical into editing mode. At this time, bend the Y-axis towards the screen until the red light is on. Then bend the Y-axis in the opposite direction until the red light is off, indicating that the lamp head ID is successfully edited
factory	The lamp parameters are returned to the factory setting	
	cancel	res sic stantibus

data reset	affirm	Lights return to factory Settings

Table 1

primary menu	Secondary menu	Level 3 menu/parameters
address	001 - 512	(The number of channels added each time is reduced from the normal number)
System setup	running mode	DMX/ Self-Drive 1 / Self-Drive 2 / Voice-Controlled
	channel pattern	26CH 59CH 128CH 152CH 182CH 314CH 329CH
	Pixel reversal	On/off
	Vertical reversal	On/Off
	Reserve function 1	On/Off
	Reserve function 2	On/off
	Signal retention	On/off
	Screen Protection	On/Off
	Screen flip	On/off/Automatic
	Synced updates	On/off
	language	centre /EN
	Coloration speed	Fast / Smooth
	Lighting curve	Curve 1/ Curve 2/ Curve 3/ Curve 4
	LED number	Guan/1-12
	factory data reset	Confirmation/cancellation
manual mode	Current channel mode channel	0-255
system calibration	enter password	Lamp calibration
system reset	Effect motor reset	Effect pan reset except XY
	Scan motor reset	Only XY axis reset
	All motors reset	Light fixture reset
system info	Repositioning information	Device error message
	DMX data monitoring	Channel values of the receiving console
	sensor information	Sensor status information
	Hardware version	Display hardware version
	software release	Display software version

Table 2

2.2 System Calibration

系统校准		系统校准		系统校准	
TILT-1	127	Balance-Blue	255	Balance7-Green	255
Focus-1	127	Balance-White	255	Balance7-Blue	255
TILT-2	127	Balance1-Red	255	Balance7-White	255
Focus-2	127	Balance1-Green	255	Balance8-Red	255
TILT-3	127	Balance1-Blue	255	Balance8-Green	255
Focus-3	127	Balance1-White	255	Balance8-Blue	255
TILT-4	127	Balance2-Red	255	Balance8-White	255
Focus-4	127	Balance2-Green	255	Balance9-Red	255
TILT-5	127	Balance2-Blue	255	Balance9-Green	255
Focus-5	127	Balance2-White	255	Balance9-Blue	255
TILT-6	127	Balance3-Red	255	Balance9-White	255
Focus-6	127	Balance3-Green	255	Balance10-Red	255
TILT-7	127	Balance3-Blue	255	Balance10-Green	255
Focus-7	127	Balance3-White	255	Balance10-Blue	255
TILT-8	127	Balance4-Red	255	Balance10-White	255
Focus-8	127	Balance4-Green	255	Balance11-Red	255
TILT-9	127	Balance4-Blue	255	Balance11-Green	255
Focus-9	127	Balance4-White	255	Balance11-Blue	255
TILT-10	127	Balance5-Red	255	Balance11-White	255
Focus-10	127	Balance5-Green	255	Balance12-Red	255
TILT-11	127	Balance5-Blue	255	Balance12-Green	255
Focus-11	127	Balance5-White	255	Balance12-Blue	255
TILT-12	127	Balance6-Red	255	Balance12-White	255
Focus-12	127	Balance6-Green	255	MIC	127
Power	255	Balance6-Blue	255	Change password> >	
Balance-Red	255	Balance6-White	255		
Balance-Green	255	Balance7-Red	255		

Figure 6 System calibration interface

Enter the password "6688" to enter the system calibration interface. The values can be modified by pressing the "UP" key and "DOWN" key to modify the power of the lamp and motor stroke parameters. The system calibration interface is shown in Figure 6, and the details are shown in Table 3.

option	explain
Initial position calibration	After entering the sub-interface, you can adjust the reset position of Y-axis 1-12 motor and focus motor 1-12 to compensate for the error in hardware installation. The adjustment range is +-127 values (representing up/down/left/right), and 127 means no adjustment.
white balance	After entering the sub-interface, you can adjust the white balance of LED1-12 red, green, blue and white. The adjustment range is 0~255, and 255 means no adjustment.
power	After entering the subinterface, you can adjust the maximum power of the whole lamp. 255 indicates the maximum power

change password	Set the system calibration password

Table 3

2.3 Manual mode

Figure 7 Manual mode interface

2.4 System reset

Figure 8 System reset interface

2.5 System information

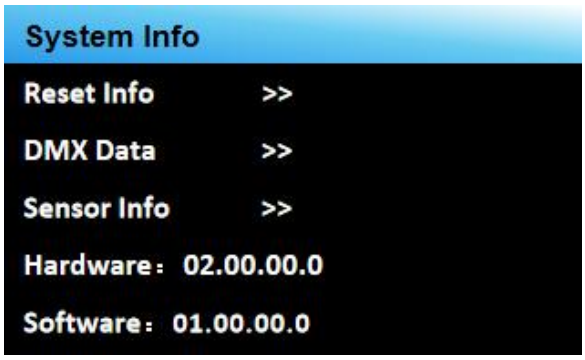


Figure 9 System information interface

Press "ENTER" to enter the information interface, select the information to be viewed through "UP" and "DOWN", and click "ENTER" to view the corresponding content. The system calibration interface is shown in Figure 8, and details are shown in Table 4.

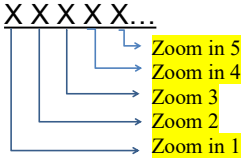
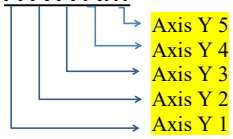
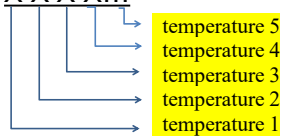
option	explain
Reboot error message	1) IC1/IC2 communication failure (failure of communication between light board and display board) 2) X/Y opto-coupler error 3) The focus motor reset fails
DMX data monitoring	This enters the sub-interface, where the channel values are displayed numerically for viewing
sensor information	1) Amplified Hall: X X X X X…  2) Y-axis Hall: X X X X…  3) temperature 1-12: X X X X…  Note: Use the up and down keys to turn pages
Hardware version number	Hardware information of the lamp XX . XX . XX XX . XX Display board version. Light board A version. Light board B version.
Software version number	Light fixture software version XX . XX . XX XX . XX Display board version. Light board A version. Light board B version.

Table 4

Chapter III channel description and technical parameters

1. Channel tables

26CH

channel	function	value	Set the percentage
1	Y axis 1-12	000 - 255	0-100%
2	Fine tune Y-axis 1-12	000 - 255	0-100%
3	Y-axis velocity	000 - 255	0-100%
4	Y-axis macro	000 - 004	NF
		005 - 255	See the Y-axis macro chart
5	colour temperature	000	NF
		001 - 255	From 19,000K to 2,700K
6	Color Macro	0	NF
		001 - 255	See the color macro chart
7	pattern	0	NF
		001 - 255	Figure 1-255
8	Built-in LED effect	000 - 015	NF
		016 - 255	Each of the eight values has an effect
9	Built-in LED effect speed	000 - 127	Fast or slow
		128	cease
		129 - 255	Slow to fast
10	LED built-in effect delay	000 - 255	speed
11	background color	0	NF
		001 - 255	See the color macro chart
12	Background color dimming	000 - 255	0-100%
13	aiming	000 - 255	0-100%
14	stroboflash	000 - 019	close
		020 - 255	See the strobe chart
15	Scaling 1-12	000 - 255	0-100%
16	control	000 - 009	NF
		010 - 255	See control chart
17	red	000 - 255	0-100%
18	green	000 - 255	0-100%
19	blue	000 - 255	0-100%
20	white	000 - 255	0-100%

21	Superglare	0-19	Blind spot
		20-24	opening the light
		25-64	The average frequency flickers from fast to slow
		65-70	opening the light
		71-84	Drive fast and turn off slowly, from slow to fast
		85-89	opening the light
		90-104	Slow to open and close, from slow to fast
		105-109	opening the light
		110-124	Random strobe
		125-129	opening the light
		130-144	Random quick open slow close
		145-150	opening the light
		151-164	Random slow open fast close
		165-169	opening the light
		170-184	Flicker 1
		185-189	opening the light
		190-204	Flicker 2
		205-209	opening the light
		210-224	Flicker 3
		225-229	opening the light
		230-244	Flicker 4
		245-255	opening the light
22	Auxiliary light white	000 - 255	0-100%
23	Tertiary yellow	000 - 255	0-100%
24	Fuxing CTO	000 - 67	not have
		68-247	Fuxing CTO
		248-255	not have
25	Fill light effect	0-7	not have
		8-191	Effect 1-23 (8 numbers per effect)
		192-255	not have
26	Exposure speed	0-127	The effect jumps from slow to fast
		128-255	The effect gradient goes from slow to fast

59CH

59 CH	function	value	Set the percentage
1	Y-axis 1	000- 255	0-100%
2	Fine tune the Y-axis 1	000- 255	0-100%
3	Y-axis 2	000- 255	0-100%
4	Fine tune Y-axis 2	000- 255	0-100%
5	Y axis 3	000- 255	0-100%
6	Fine tune Y-axis 3	000- 255	0-100%
7	Y axis 4	000- 255	0-100%
8	Fine-tuning the Y-axis 4	000- 255	0-100%
9	Y-axis 5	000- 255	0-100%
10	Fine tune Y-axis 5	000- 255	0-100%
11	Y-axis 6	000- 255	0-100%
12	Fine tune Y-axis 6	000- 255	0-100%
13	Y-axis 7	000- 255	0-100%
14	Fine tune Y-axis 7	000- 255	0-100%
15	Y-axis 8	000- 255	0-100%
16	Fine tune Y-axis 8	000- 255	0-100%
17	Y-axis 9	000- 255	0-100%
18	Fine tune Y-axis 9	000- 255	0-100%
19	Y axis 10	000- 255	0-100%
20	Fine tune Y-axis 10	000- 255	0-100%
21	Y axis 11	000- 255	0-100%
22	Fine tune Y-axis 11	000- 255	0-100%
23	Y axis 12	000- 255	0-100%
24	Fine tune Y-axis 12	000- 255	0-100%
25	Y-axis speed	000- 255	speed
26	Y axle	000-004	NF
		005- 255	See the Y-axis macro chart
27	colour temperature	0	NF
		001- 255	From 19,000K to 2,700K
28	Color Macro	0	NF
		001- 255	See the color macro chart
29	pattern	0	NF
		001- 002	Figure 1-255
30	Built-in LED effect	000- 015	NF
		016- 255	Each of the eight values has an effect
		000- 127	Fast or slow
31	LED built-in speed	128	cease
		129- 255	Slow to fast

32	LED built-in effect delay	000- 255	speed
33	background color	0	NF
		001- 255	See the color macro chart
34	Background color dimming	000- 255	0-100%
35	aiming	000- 255	0-100%
36	stroboflash	000- 019	close
		020- 255	See the strobe chart
37	Scaling 1	000- 255	0-100%
38	Scaling 2	000- 255	0-100%
39	Scaling 3	000- 255	0-100%
40	Scaling 4	000- 255	0-100%
41	Scaling down 5	000- 255	0-100%
42	Zoom 6	000- 255	0-100%
43	Scaling 7	000- 255	0-100%
44	Scaling 8	000- 255	0-100%
45	Scaling 9	000- 255	0-100%
46	Zoom in 10	000- 255	0-100%
47	Scaling 11	000- 255	0-100%
48	Scaling 12	000- 255	0-100%
49	control	000- 009	NF
		010- 255	See control chart
50	Red and blue	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
51	Green, magenta	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
52	Blue Yellow	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
53	hoar	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
		0-19	Blind spot
		20-24	opening the light
		25-64	The average frequency flickers from fast to slow
		65-70	opening the light
		71-84	Drive fast and turn off slowly, from slow to fast
		85-89	opening the light
		90-104	Slow to open and close, from slow to fast
		105-109	opening the light
		110-124	Random strobe
		125-129	opening the light
		130-144	Random quick open slow close
		145-150	opening the light
		151-164	Random slow open fast close
		165-169	opening the light
54	Superglare	170-184	Flicker 1
		185-189	opening the light
		190-204	Flicker 2

		205-209	opening the light
		210-224	Flicker 3
		225-229	opening the light
		230-244	Flicker 4
		245-255	opening the light
55	Auxiliary light white	000 - 255	0-100%
56	Tertiary yellow	000 - 255	0-100%
57	Fuxing CTO	000 - 67	not have
		68-247	Fuxing CTO
		248-255	not have
		0-7	not have
58	Fill light effect	8-191	Effect 1-23 (8 numbers per effect)
		192-255	not have
59	Exposure speed	0-127	The effect jumps from slow to fast
		128-255	The effect gradient goes from slow to fast

128CH

128 CH	function	value	Set the percentage
1	Y-axis 1	000- 255	0-100%
2	Fine tune Y-axis 1	000- 255	0-100%
3	Y-axis 2	000- 255	0-100%
4	Fine tune Y-axis 2	000- 255	0-100%
5	Y axis 3	000- 255	0-100%
6	Fine tune Y-axis 3	000- 255	0-100%
7	Y axis 4	000- 255	0-100%
8	Fine-tuning the Y-axis 4	000- 255	0-100%
9	Y-axis 5	000- 255	0-100%
10	Fine tune Y-axis 5	000- 255	0-100%
11	Y-axis 6	000- 255	0-100%
12	Fine tune Y-axis 6	000- 255	0-100%
13	Y-axis 7	000- 255	0-100%
14	Fine tune Y-axis 7	000- 255	0-100%
15	Y axis 8	000- 255	0-100%
16	Fine tune Y-axis 8	000- 255	0-100%
17	Y-axis 9	000- 255	0-100%
18	Fine tune Y-axis 9	000- 255	0-100%
19	Y axis 10	000- 255	0-100%
20	Fine tune Y-axis 10	000- 255	0-100%
21	Y axis 11	000- 255	0-100%
22	Fine tune Y-axis 11	000- 255	0-100%
23	Y axis 12	000- 255	0-100%
24	Fine tune Y-axis 12	000- 255	0-100%
25	Y-axis speed	000- 255	speed
26	Y axle	000-004	NF
		005- 255	See the Y-axis macro chart

27	colour temperature	0	NF
		001- 255	From 19,000K to 2,700K
28	Color Macro	0	NF
		001- 255	See the color macro chart
29	pattern	0	NF
		001- 002	Figure 1-255
30	Built-in LED effect	000- 015	NF
		016- 255	Each of the eight values has an effect
		000- 127	Fast or slow
31	LED built-in speed	128	cease
		129- 255	Slow to fast
32	LED built-in effect delay	000- 255	speed
33	background color	0	NF
		001- 255	See the color macro chart
34	Background color dimming	000- 255	0-100%
-	Background color tweaks	000- 255	0-100%
35	aiming	000- 255	0-100%
-	Fine tune dimming	000- 255	0-100%
36	stroboflash	000- 019	close
		020- 255	See the strobe chart
37	Superglare	0-19	Blind spot
		20-24	opening the light
		25-64	The average frequency flickers from fast to slow
		65-70	opening the light
		71-84	Drive fast and turn off slowly, from slow to fast
		85-89	opening the light
		90-104	Slow to open and close, from slow to fast
		105-109	opening the light
		110-124	Random strobe
		125-129	opening the light
		130-144	Random quick open slow close
		145-150	opening the light
		151-164	Random slow open fast close
		165-169	opening the light
		170-184	Flicker 1
		185-189	opening the light
		190-204	Flicker 2
		205-209	opening the light
		210-224	Flicker 3
		225-229	opening the light
		230-244	Framing 4
		245-255	opening the light
38	Scaling 1	000- 255	0-100%

39	Scaling 2	000- 255	0-100%
40	Scaling 3	000- 255	0-100%
41	Scaling 4	000- 255	0-100%
42	Scaling 5	000- 255	0-100%
43	Zoom 6	000- 255	0-100%
43	Scaling 7	000- 255	0-100%
45	Scaling 8	000- 255	0-100%
46	Scaling 9	000- 255	0-100%
47	Zoom in 10	000- 255	0-100%
48	Scaling 11	000- 255	0-100%
49	Scaling 12	000- 255	0-100%
50	control	000- 009	NF
		010- 255	See control chart
51	red	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
52	green	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
53	blue	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
54	white	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
55	Auxiliary light white	000- 255	0-100%
56	Tertiary yellow	000- 255	0-100%
57	Red 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
58	Green 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
59	Blue 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
60	White 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
61	White auxiliary light 1	000- 255	0-100%
62	Auxiliary light yellow 1	000- 255	0-100%
...			
123	Red 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
124	Green 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
125	Blue 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
126	White 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
127	Auxiliary light white 12	000- 255	0-100%
128	Auxiliary light yellow 12	000- 255	0-100%

152CH

152 CH	function	value	Set the percentage
1	Y-axis 1	000- 255	0-100%

2	Fine tune the Y-axis 1	000- 255	0-100%
3	Y-axis 2	000- 255	0-100%
4	Fine tune Y-axis 2	000- 255	0-100%
5	Y axis 3	000- 255	0-100%
6	Fine tune Y-axis 3	000- 255	0-100%
7	Y axis 4	000- 255	0-100%
8	Fine-tuning the Y-axis 4	000- 255	0-100%
9	Y-axis 5	000- 255	0-100%
10	Fine tune Y-axis 5	000- 255	0-100%
11	Y-axis 6	000- 255	0-100%
12	Fine tune Y-axis 6	000- 255	0-100%
13	Y-axis 7	000- 255	0-100%
14	Fine tune Y-axis 7	000- 255	0-100%
15	Y-axis 8	000- 255	0-100%
16	Fine tune Y-axis 8	000- 255	0-100%
17	Y-axis 9	000- 255	0-100%
18	Fine tune Y-axis 9	000- 255	0-100%
19	Y axis 10	000- 255	0-100%
20	Fine tune Y-axis 10	000- 255	0-100%
21	Y axis 11	000- 255	0-100%
22	Fine tune Y-axis 11	000- 255	0-100%
23	Y axis 12	000- 255	0-100%
24	Fine tune Y-axis 12	000- 255	0-100%
25	Y-axis velocity	000- 255	speed
26	Y axle	000-004	NF
		005- 255	See the Y-axis macro chart
27	colour temperature	0	NF
		001- 255	From 19,000K to 2,700K
28	Color Macro	0	NF
		001- 255	See the color macro chart
29	pattern	0	NF
		001- 002	Figure 1-255
30	Built-in LED effect	000- 015	NF
		016- 255	Each of the eight values has an effect
		000- 127	Fast to slow
31	LED built-in speed	128	cease
		129- 255	Slow to fast
32	LED built-in effect delay	000- 255	speed
33	background color	0	NF
		001- 255	See the color macro chart
34	Background color dimming	000- 255	0-100%
-	Background color tweaks	000- 255	0-100%
35	aiming	000- 255	0-100%
-	Fine tune dimming	000- 255	0-100%
36	stroboflash	000- 019	close
		020- 255	See the strobe chart
37	Superglare	0-19	Blind spot
		20-24	opening the light
		25-64	The average frequency

			flickers from fast to slow
		65-70	opening the light
		71-84	Drive fast and turn off slowly, from slow to fast
		85-89	opening the light
		90-104	Slow to open and close, from slow to fast
		105-109	opening the light
		110-124	Random strobe
		125-129	opening the light
		130-144	Random quick open slow close
		145-150	opening the light
		151-164	Random slow open fast close
		165-169	opening the light
		170-184	Flicker 1
		185-189	opening the light
		190-204	Flicker 2
		205-209	opening the light
		210-224	Flicker 3
		225-229	opening the light
		230-244	Flicker 4
		245-255	opening the light
38	Scaling 1	000- 255	0-100%
39	Scaling 2	000- 255	0-100%
40	Scaling 3	000- 255	0-100%
41	Scaling 4	000- 255	0-100%
42	Scaling 5	000- 255	0-100%
43	Zoom 6	000- 255	0-100%
43	Scaling 7	000- 255	0-100%
45	Scaling 8	000- 255	0-100%
46	Scaling 9	000- 255	0-100%
47	Zoom in 10	000- 255	0-100%
48	Scaling 11	000- 255	0-100%
49	Scaling 12	000- 255	0-100%
50	control	000- 009	NF
		010- 255	See control chart
51	red	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
52	green	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
53	blue	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
54	white	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
55	Auxiliary light white	000- 255	0-100%
56	Tertiary yellow	000- 255	0-100%
57	Red 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%

58	Green 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
59	Blue 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
60	White 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
61	Auxiliary light white 1 up	000- 255	0-100%
62	Auxiliary light yellow 1 down	000- 255	0-100%
63	Auxiliary light white 1 up	000- 255	0-100%
64	Auxiliary light yellow 1 down	000- 255	0-100%
...			
145	Red 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
146	Green 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
147	Blue 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
148	White 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
149	Auxiliary light white 12 upper	000- 255	0-100%
150	Auxiliary light yellow 12 upper	000- 255	0-100%
151	Auxiliary light white 12 down	000- 255	0-100%
152	Auxiliary light yellow 12 down	000- 255	0-100%

182CH

182 CH	function	value	Set the percentage
1	Y axis 1	000- 255	0-100%
2	Fine tune the Y-axis 1	000- 255	0-100%
3	Y-axis 2	000- 255	0-100%
4	Fine tune Y-axis 2	000- 255	0-100%
5	Y axis 3	000- 255	0-100%
6	Fine tune Y-axis 3	000- 255	0-100%
7	Y axis 4	000- 255	0-100%
8	Fine tune Y-axis 4	000- 255	0-100%
9	Y-axis 5	000- 255	0-100%
10	Fine tune Y-axis 5	000- 255	0-100%
11	Y-axis 6	000- 255	0-100%
12	Fine tune Y-axis 6	000- 255	0-100%
13	Y-axis 7	000- 255	0-100%
14	Fine tune Y-axis 7	000- 255	0-100%
15	Y-axis 8	000- 255	0-100%
16	Fine tune Y-axis 8	000- 255	0-100%
17	Y-axis 9	000- 255	0-100%

18	Fine tune Y-axis 9	000- 255	0-100%
19	Y axis 10	000- 255	0-100%
20	Fine tune Y-axis 10	000- 255	0-100%
21	Y axis 11	000- 255	0-100%
22	Fine tune Y-axis 11	000- 255	0-100%
23	Y axis 12	000- 255	0-100%
24	Fine tune Y-axis 12	000- 255	0-100%
25	Y-axis speed	000- 255	speed
26	Y axle	000-004	NF
		005- 255	See the Y-axis macro chart
27	colour temperature	000	NF
		001- 255	From 19,000K to 2,700K
28	Color Macro	000	NF
		001- 255	See the color macro chart
29	pattern	000	NF
		001- 002	Figure 1-255
30	Built-in LED effect	000- 015	NF
		016- 255	Each of the eight values has an effect
31	LED built-in speed	000- 127	Fast or slow
		128	cease
		129- 255	Slow to fast
32	LED built-in effect delay	000- 255	speed
33	background color	000	NF
		001- 255	See the color macro chart
34	Background color dimming	000- 255	0-100%
35	Background color tweaks	000- 255	0-100%
36	aiming	000- 255	0-100%
37	Fine tune dimming	000- 255	0-100%
38	stroboflash	000- 019	close
		020- 255	See the strobe chart
		0-19	Blind spot
		20-24	opening the light
		25-64	The average frequency flickers from fast to slow
		65-70	opening the light
		71-84	Drive fast and turn off fast, from slow to fast
		85-89	opening the light
		90-104	Slow to open and close, from slow to fast

39	Superglare	105-109	opening the light
		110-124	Random strobe
		125-129	opening the light
		130-144	Random quick open slow close
		145-150	opening the light
		151-164	Random slow open fast close
		165-169	opening the light
		170-184	Flicker 1
		185-189	opening the light
		190-204	Flicker 2
		205-209	opening the light
		210-224	Flicker 3
		225-229	opening the light
		230-244	Flicker 4
		245-255	opening the light
40	Scaling 1	000- 255	0-100%
41	Scaling 2	000- 255	0-100%
42	Scaling 3	000- 255	0-100%
43	Scaling 4	000- 255	0-100%
44	Scaling 5	000- 255	0-100%
45	Zoom 6	000- 255	0-100%
46	Scaling 7	000- 255	0-100%
47	Scaling 8	000- 255	0-100%
48	Scaling 9	000- 255	0-100%
49	Zoom in 10	000- 255	0-100%
50	Scaling 11	000- 255	0-100%
51	Scaling 12	000- 255	0-100%
52	control	000- 009	NF
		010- 255	See control chart
53	red	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
54	Tinted red	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
55	green	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
56	Fine-tuning green	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
57	blue	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
58	Tweezing Blue	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
59	hoar	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
60	Fine-tuning white	000- 255	RGBW mode: 0-100%/CMY mode:

			100-0%
61	Auxiliary light white	000- 255	0-100%
62	Tertiary yellow	000- 255	0-100%
63	Red 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
64	Fine-tuning red 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
65	Green 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
66	Fine-tuning green 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
67	Blue 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
68	Fine-tuning Blue 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
69	White 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
70	Fine-tuning White 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
71	White auxiliary light 1	000- 255	0-100%
72	Auxiliary light yellow 1	000- 255	0-100%
...			
173	Red 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
174	Fine-tuning red 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
175	Green 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
176	Fine-tuning Green 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
177	Blue 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
178	Fine-tuning Blue 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
179	White 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
180	Fine-tuning White 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
181	Auxiliary light white 12	000- 255	0-100%
182	Auxiliary light yellow 12	000- 255	0-100%

314CH

channel	function	value	Set the percentage
1	control	000-009 010-255	NF See control chart

2	Y-axis speed	000-255	speed
3	Y-axis macro	000-004	NF
		005-255	See the Y-axis macro chart
4	colour temperature	000	NF
		001-255	From 19,000K to 2,700K
5	Color Macro	000	NF
		001-255	See the color macro chart
6	pattern	000	NF
		001- 002	Figure 1-255
7	Built-in LED effect	000- 015	NF
		016- 225	Each of the eight values has an effect
8	Built-in LED effect speed	000- 127	From fast to slow
		128	cease
		129- 255	From slow to fast
9	LED built-in effect delay	000- 255	speed
10	background color	000	NF
		001- 255	See the color macro chart
11	Background color dimming	000- 255	0-100%
12	Background color tweaks	000- 255	0-100%
13	stroboflash	000- 019	close
		020 - 255	View the strobe chart
14	Superglare	0-19	Blind spot
		20-24	opening the light
		25-64	The average frequency flickers from fast to slow
		65-70	opening the light
		71-84	Drive fast and turn off slowly, from slow to fast
		85-89	opening the light
		90-104	Slow to open and close, from slow to fast
		105-109	opening the light
		110-124	Random strobe
		125-129	opening the light
		130-144	Random quick open slow close
		145-150	opening the light
		151-164	Random slow open fast close
		165-169	opening the light
		170-184	Flicker 1
		185-189	opening the light

		190-204	Flicker 2
		205-209	opening the light
		210-224	Flicker 3
		225-229	opening the light
		230-244	Framing 4
		245-255	opening the light
15	Y-axis 1	000- 255	0-100%
16	Fine tune the Y-axis 1	000- 255	0-100%
17	Scaling 1	000- 255	0-100%
18	Dimming 1	000- 255	0-100%
19	Fine tune dimming 1	000- 255	0-100%
20	Red 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
21	Fine-tuning red 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
22	Green 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
23	Fine-tuning green 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
24	Blue 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
25	Fine-tuning Blue 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
26	White 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
27	Fine-tuning White 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
28	Auxiliary light white 1-1	000- 255	0-100%
29	Auxiliary light yellow 1-1	000- 255	0-100%
30	Auxiliary light white 1-2	000- 255	0-100%
31	Auxiliary light yellow 1-2	000- 255	0-100%
32	Auxiliary light white 1-3	000- 255	0-100%
33	Auxiliary light yellow 1-3	000- 255	0-100%
34	Auxiliary light white 1-4	000- 255	0-100%
35	Auxiliary light yellow 1-4	000- 255	0-100%
36	Auxiliary light white 1-5	000- 255	0-100%
37	Auxiliary light yellow 1-5	000- 255	0-100%
38	Auxiliary light white 1-6	000- 255	0-100%
39	Auxiliary light yellow 1-6	000- 255	0-100%
...			
290	Y axis 12	000- 255	0-100%

291	Fine tune Y-axis 12	000- 255	0-100%
292	Scaling 12	000- 255	0-100%
293	Dimming 12	000- 255	0-100%
294	Fine-tuning dimming 12	000- 255	0-100%
295	Red 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
296	Fine-tuning red 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
297	Green 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
298	Fine-tuning Green 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
299	Blue 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
300	Fine-tuning Blue 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
301	White 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
302	Fine-tuning White 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
303	Auxiliary light white 12-1	000- 255	0-100%
304	Auxiliary light yellow 12-1	000- 255	0-100%
305	Auxiliary light white 12-2	000- 255	0-100%
306	Auxiliary light yellow 12-2	000- 255	0-100%
307	Auxiliary light white 12-3	000- 255	0-100%
308	Auxiliary light yellow 12-3	000- 255	0-100%
309	Auxiliary light white 12-4	000- 255	0-100%
310	Auxiliary light yellow 12-4	000- 255	0-100%
311	Auxiliary light white 12-5	000- 255	0-100%
312	Auxiliary light yellow 12-5	000- 255	0-100%
313	Auxiliary light white 12-6	000- 255	0-100%
314	Auxiliary light yellow 12-6	000- 255	0-100%

329CH

329 CH	function	value	Set the percentage
1	Y-axis 1	000- 255	0-100%

2	Fine tune the Y-axis 1	000- 255	0-100%
3	Y-axis 2	000- 255	0-100%
4	Fine tune Y-axis 2	000- 255	0-100%
5	Y axis 3	000- 255	0-100%
6	Fine tune Y-axis 3	000- 255	0-100%
7	Y axis 4	000- 255	0-100%
8	Fine-tuning the Y-axis 4	000- 255	0-100%
9	Y-axis 5	000- 255	0-100%
10	Fine tune Y-axis 5	000- 255	0-100%
11	Y-axis 6	000- 255	0-100%
12	Fine tune Y-axis 6	000- 255	0-100%
13	Y-axis 7	000- 255	0-100%
14	Fine tune Y-axis 7	000- 255	0-100%
15	Y-axis 8	000- 255	0-100%
16	Fine tune Y-axis 8	000- 255	0-100%
17	Y-axis 9	000- 255	0-100%
18	Fine tune Y-axis 9	000- 255	0-100%
19	Y axis 10	000- 255	0-100%
20	Fine tune Y-axis 10	000- 255	0-100%
21	Y axis 11	000- 255	0-100%
22	Fine tune Y-axis 11	000- 255	0-100%
23	Y axis 12	000- 255	0-100%
24	Fine tune Y-axis 12	000- 255	0-100%
25	Y-axis velocity	000- 255	speed
26	Y axle	000-004	NF
		005- 255	See the Y-axis macro chart
27	colour temperature	000	NF
		001- 255	From 19,000K to 2,700K
28	Color Macro	000	NF
		001- 255	See the color macro chart
29	pattern	000	NF
		001- 002	Figure 1-255
30	Built-in LED effect	000- 015	NF
		016- 255	Each of the eight values has an effect
31	LED built-in speed	000- 127	Fast or slow
		128	cease
		129- 255	Slow to fast
32	LED built-in effect delay	000- 255	speed
33	background color	000	NF
		001- 255	See the color macro chart

34	Background color dimming	000- 255	0-100%
35	Background color tweaks	000- 255	0-100%
36	aiming	000- 255	0-100%
37	Fine tune dimming	000- 255	0-100%
38	stroboflash	000- 019	close
		020- 255	See the strobe chart
39	Superglare	0-19	Blind spot
		20-24	opening the light
		25-64	The average frequency flickers from fast to slow
		65-70	opening the light
		71-84	Drive fast and turn off slowly, from slow to fast
		85-89	opening the light
		90-104	Slow to open and close, from slow to fast
		105-109	opening the light
		110-124	Random strobe
		125-129	opening the light
		130-144	Random quick open slow close
		145-150	opening the light
		151-164	Random slow open fast close
		165-169	opening the light
		170-184	Flicker 1
		185-189	opening the light
		190-204	Flicker 2
		205-209	opening the light
		210-224	Flicker 3
		225-229	opening the light
		230-244	Framing 4
		245-255	opening the light
40	Scaling 1	000- 255	0-100%
41	Scaling 2	000- 255	0-100%
42	Scaling 3	000- 255	0-100%
43	Scaling 4	000- 255	0-100%
44	Scaling 5	000- 255	0-100%
45	Zoom 6	000- 255	0-100%
46	Scaling 7	000- 255	0-100%
47	Scaling 8	000- 255	0-100%
48	Scaling 9	000- 255	0-100%

49	Zoom in 10	000- 255	0-100%
50	Scaling 11	000- 255	0-100%
51	Scaling 12	000- 255	0-100%
52	control	000- 009	NF
		010- 255	See control chart
53	red	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
54	Tinted red	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
55	green	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
56	Fine-tuning green	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
57	blue	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
58	Tweezing Blue	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
59	white	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
60	Fine-tuning white	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
61	Dimming 1	000- 255	0-100%
62	Fine tune dimming 1	000- 255	0-100%
63	Red 1 Blue 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
64	Fine-tuning red 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
65	Green 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
66	Fine-tuning green 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
67	Blue 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
68	Fine-tuning Blue 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
69	White 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
70	Fine-tuning White 1	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
71	Auxiliary light white 1-1	000- 255	0-100%
72	Auxiliary light yellow 1-1	000- 255	0-100%
73	Auxiliary light white 1-2	000- 255	0-100%
74	Auxiliary light yellow 1-2	000- 255	0-100%
75	Auxiliary light white 1-3	000- 255	0-100%
76	Auxiliary light yellow 1-3	000- 255	0-100%
77	Auxiliary light white 1-4	000- 255	0-100%
78	Auxiliary light yellow 1-4	000- 255	0-100%

79	Auxiliary light white 1-5	000- 255	0-100%
80	Auxiliary light yellow 1-5	000- 255	0-100%
81	Auxiliary light white 1-6	000- 255	0-100%
82	Auxiliary light yellow 1-6	000- 255	0-100%
...			
303	Dimming 12	000- 255	0-100%
304	Fine-tuning dimming 12	000- 255	0-100%
305	Red 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
306	Fine-tuning red 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
307	Green 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
308	Fine-tuning Green 2	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
309	Blue 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
310	Fine-tuning Blue 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
311	White 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
312	Fine-tuning White 12	000- 255	RGBW mode: 0-100%/CMY mode: 100-0%
313	Auxiliary light white 12-1	000- 255	0-100%
314	Auxiliary light yellow 12-1	000- 255	0-100%
315	Auxiliary light white 12-2	000- 255	0-100%
316	Auxiliary light yellow 12-2	000- 255	0-100%
317	Auxiliary light white 12-3	000- 255	0-100%
318	Auxiliary light yellow 12-3	000- 255	0-100%
319	Auxiliary light white 12-4	000- 255	0-100%
320	Auxiliary light yellow 12-4	000- 255	0-100%
321	Auxiliary light white 12-5	000- 255	0-100%
322	Auxiliary light yellow 12-5	000- 255	0-100%
323	Auxiliary light white 12-6	000- 255	0-100%
324	Auxiliary light yellow 12-6	000- 255	0-100%
325	Auxiliary light white	000- 255	0-100%
326	Tertiary yellow	000- 255	0-100%
327	Fuxing CTO	000 - 67	not have
		68-247	Fuxing CTO
		248-255	not have
328	Fill light effect	0-7	not have
		8-191	Effect 1-23 (8 numbers per effect)
		192-255	not have
329	Exposure speed	0-127	The effect jumps from slow to fast

		128-255	**The effect gradient goes from slow to fast**

Y-axis macro chart:

Y-axis macro	000-004	not have
	005-009	Y Axis Macro 1
	010-014	Y Axis Macro 2
	……	……
	250-254	Y Axis Macro 50
	255	Y Axis Macro 51

remarks ：

When the Y-axis macro is effective, the coarse adjustment of Y-axis 1 is to adjust the starting position of Y-axis macro, and the fine adjustment of Y-axis 1 is to adjust the swing amplitude of Y-axis macro. The speed of Y-axis motor is the speed of Y-axis macro (from slow to fast)

The effective value of Y-axis macro amplitude is 1-255

Color Macro Chart:

Color Macro	000	not have
	001- 002	White 2700K
	003- 004	White 3200K
	005- 006	White 4200K
	007- 008	White 5600K
	009- 010	White 8000K
	011	Blue
	012- 048	+ Green
	049	Cyan
	050- 086	-Blue
	087	Green
	088- 124	+ Red
	125	Yellow
	126- 162	-Green
	163	Red
	164- 200	+ Blue
	201	Magenta
	202- 238	-Red
	239	Blue
	240- 247	Color fade, fast to slow
	248-255	Color snap, fast to slow

Frequency diagram:

stroboflash	000-019	Off
	020-024	On
	025-064	Strobe, fast to slow
	065-069	On
	070-084	Strobe 100-0%, fast to slow
	085-089	on
	090-104	Strobe 0-100%,fast to slow
	105-109	On
	110-124	Random strobe, fast to slow
	125-129	On
	130-144	Random strobe 100-0%, fast to slow
	145-149	On
	150-164	Random strobe 0-100%, fast to slow
	165-169	On
	170-184	Pulse strobe, fast to slow
	185-189	On
	190-204	Random pulse strobe, fast to slow
	205-209	On
	210-224	Strobe 0-100-0%, fast to slow
	225-229	On
	230-244	Random pulse strobe, fast to slow
	245-255	On

control chart ：

reset	000-054	not have
	056-060	Y-axis motor reset (keep 5S effective)
	061-065	Scaling motor reset (keep 5S in effect)
	066-075	Full reset (keep 5S in effect)
	076-255	obligate

REMARK

The product has perfect performance and intergrity packing.
All users should be strictly comply with the warning and operating instructions as stated.
Or we aren ’t in charge of any result by misusing.
Any damage resulting by misuse is not within the Company ’s warranty.
Any fault or problem caused by neglecting the manual is also not in the charge of dealers.
Errors and omissions for every information given in this manual excepted.
All information is subject to change without prior notice.