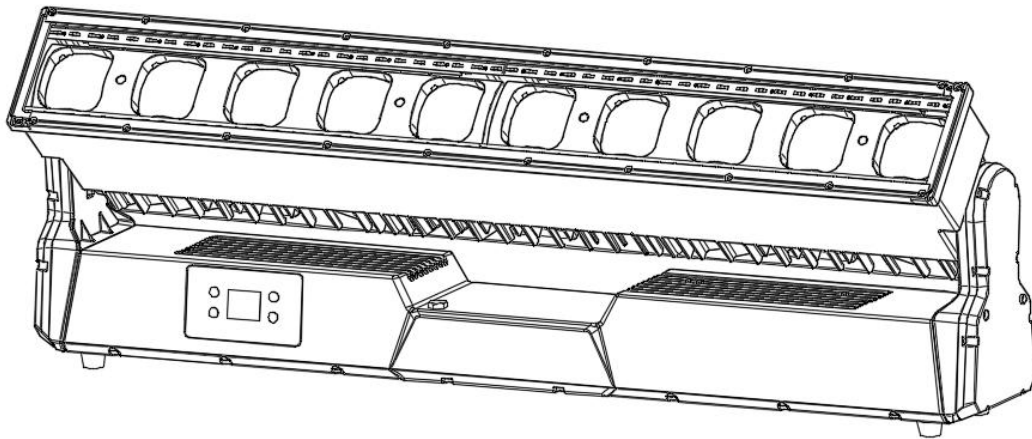


P1060S



User Manual

1. Safety Instructions

Please read the instruction carefully which includes important information about the installation, usage and maintenance.

- Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction manual.
- Unpack and check carefully to ensure that there is no transportation damage before using the unit.
- This product is suitable for wet locations. Do not immerse in water.
- DO install and operate by qualified operator.
- DO NOT allow children to operate the fixture.
- Use safety chain when fixing the unit. Handle the unit by carrying its base instead of head only.
- The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces.
- Be sure that no ventilation slots is blocked, otherwise the unit will be overheated.
- Before operation, ensure that you are connecting this product to the proper voltage in accordance with the specifications in this manual or on the product's specification label.
- It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- Minimum ambient temperature TA: 0°C . Maximum ambient temperature TA: 40°C . Do not operate this product at a lower or higher temperature.
- DO NOT connect the device to any dimmer pack
- Keep flammable materials away from the fixture while operating to avoid fire hazard.
- Make sure the power cord is not crimped or damaged; replace it immediately if damaged
- Unit's surface temperature may reach up to 65°C . DO NOT touch the housing bare-handed during its operation
- Avoid any flammable liquids, water or metal from entering the unit.
- DO NOT operate in a dirty or dusty environment. DO clean the fixture regularly.
- DO NOT touch any wire during operation as there might be a hazard of electric shock.
- Avoid entanglement of the power cord with other wires.
- The minimum distance to objects/surface must be more than 0.5 meters.
- In the event of serious operating problem, stop using the unit immediately.
- Never turn on and off the unit time after time.
- The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged

- DO NOT open the housing as there are no user serviceable parts inside.
- DO NOT attempt to operate this unit if it becomes damaged. DO NOT attempt any repairs yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center if needed.
- Disconnect this product from its power source before servicing.
- DO use the original packaging if the device is to be transported.
- Avoid direct eye exposure to the light source while the product is on.
- DO NOT operate this product if you see damage on the housing, shields, or cables. Have the damaged parts replaced by an authorized technician at once.

2.INSTALLATIONS

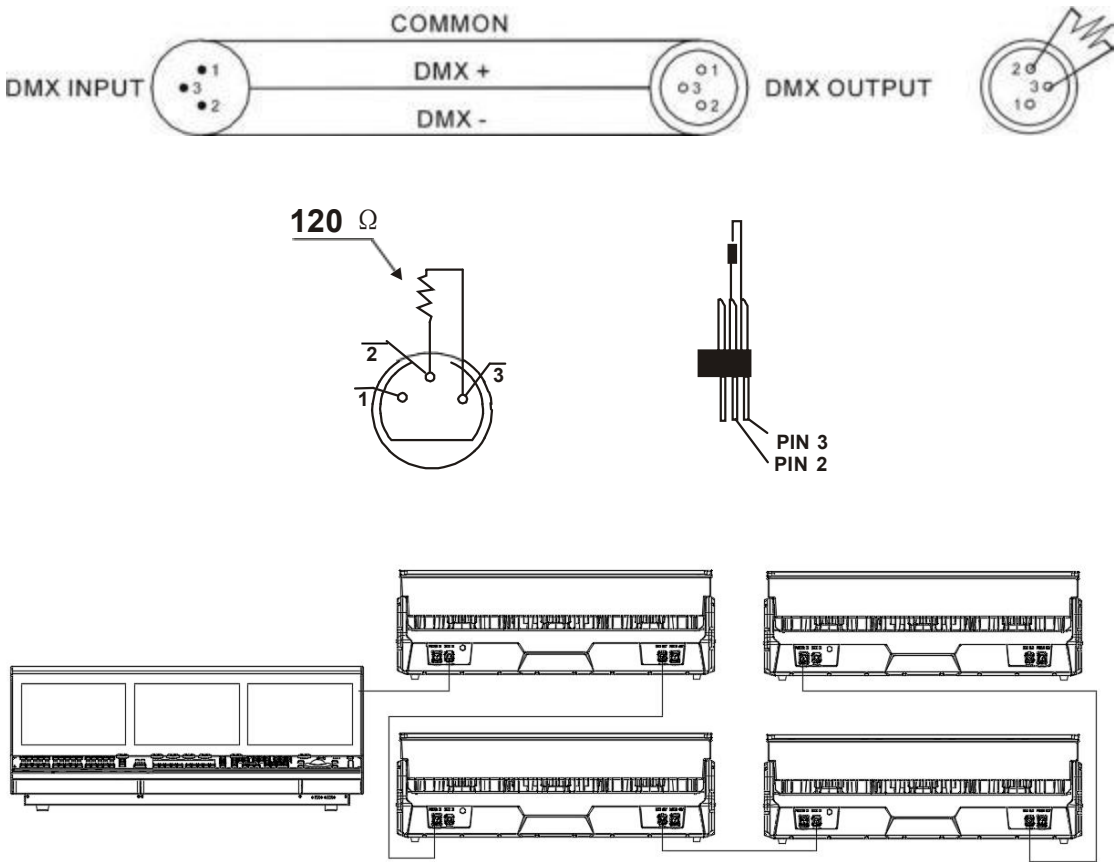
- installations Note: In order to increase protection, please install the lamp on the sidewalk, outside the seating area, or an area where unauthorized persons may touch the led
- Before installing the fixture on any surface, make sure that the installation area can bear the minimum point load above 10 points of the weight of the equipment. The installation of the fixing device must always be fixed with auxiliary safety accessories (such as a suitable safety rope) Do not stand directly under the equipment when installing, removing, or servicing fixtures
- Ensure that this fixture is kept at least 0.5m (1.5 feet) away from any flammable materials(decorations, etc.)
- Be sure to use and install the supplied safety rope to ensure safety and prevent accidental damage and/or injury in case the fixture is damaged
Installation point: Overhead installation requires a wealth of experience, including calculation of working load limits, in-depth understanding of the installation materials used, and regular safety inspections of all installation materials and fixtures. If you do not have these qualifications, please do not try to install it yourself. Improper installation can cause personal injury
Before connecting the main power cord to an appropriate wall outlet, make sure to complete all assembly and installation procedures

3. DMX-512 control connections

Connect the provided XLR cable to the female 3-pin XLR output of your controller and the other side to the male 3-pin XLR input of the moving head. You can chain multiple Moving heads be connected together through serial linking. The cable needed should be two core, screened cable with XLR input and output connectors.

For installations where the DMX cable has to run a long distance or is in an electrically noisy environment, such as in a discotheque, it is recommended to use a DMX terminator. This helps in preventing corruption of the digital control

signal by electrical noise. The DMX terminator is simply an XLR plug with a 120 Ω resistor connected between pins 2 and 3, which is then plugged into the output XLR socket of the last fixture in the chain. Please see illustrations below



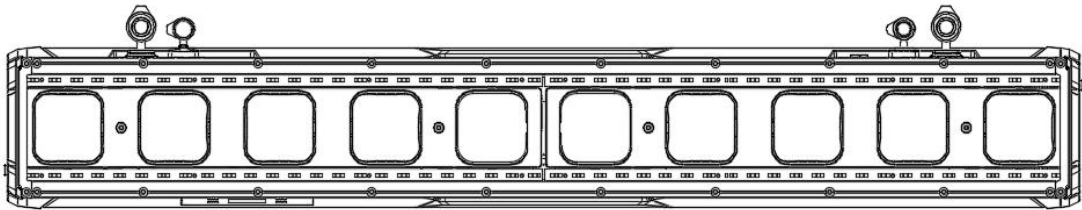
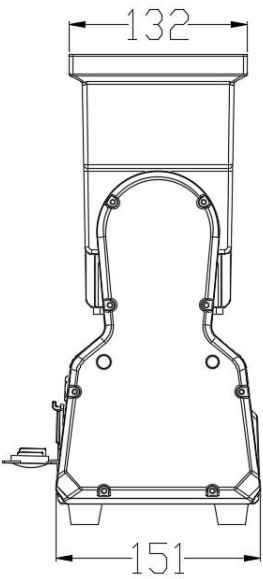
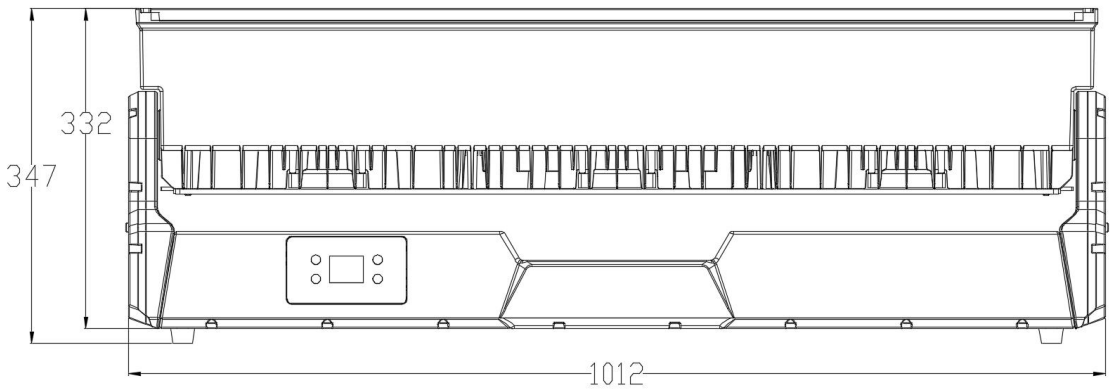
4.Address code setting

If you use a universal DMX controller to control the units, you have to set DMX address from 1 to 512 so that the units can receive DMX signal. Press the MENU button to enter menu mode, select DMX Settings, press the ENTER button to confirm, use the UP/DOWN button to select DMX Address, press the ENTER button to confirm, the present address will blink in the display, use the UP/DOWN button to adjust the address from 001 to 512, press the ENTER button to store. Press the MENU button back to the last menu or let the unit idle 30 seconds to exit menu mode.Please refer to the following diagram to address your DMX512 channel for the first 4 units.

Channel MODE	UNIT1 ADDRSS	UNIT2 ADDRSS	UNIT3 ADDRSS	UNIT4 ADDRSS
29CH	1	30	59	88
19CH	1	20	39	58
172CH	1	173	345	2.17

170CH	1	171	341	2.11
110CH	1	111	221	331
101CH	1	102	203	304

5. Fixture Size



6. LED technical parameters

Input Voltage: 100-240V,50/60Hz

Power supply: 900W

Main light source: 10x60W RGBW LED

Auxiliary light: 96X3W CW LED

:96X3W WW LED

:96X0.5W RGB LED

Channel : 19CH/29CH/101CH/110CH/170CH/172CH

Control mode: DMX512, Auto、 Sound, Master/Slave

Zoom angle: 5~46 °

White temperature: 6500k

LED life: >20000 hours

Dimming: 0-100% linear dimming

Dimming curve:Linear, Square Law, Inv SQ Law ,S Curve Multiple
refresh rate settings to choose

Dimming speed: fast, slow

Strobe:1-25Hz

The main light is independently controlled by 10 pixels

Auxiliary light CW/WW/RGB is independently controlled by 24
segments

Full and sharp beam with rich built-in effects

Display: OLED display

Power supply: power connector input/output

Signal input/output: Three core or five core XLR head

Y axis magnetic coding positioning is more accurate

Seamless splicing of lamps (all equidistant)

Waterproof grade: IP65

Size:1012x151x347mm

Net weight: 26kg

Features:

The P1060S is a multi-functional effect lamp that integrates light beam, stroboscopic and dyeing effects. When multiple lamps are seamlessly spliced, the light beam emitted by the equidistant LED can cover a wide area, and it is sharp and clear. The auxiliary light area uses LED light strips independently controlled by 12 areas on one side, which has the color mixing function.

7. Menu Description

Main Menu	Sub menu	description
DMX Add	Address	1-512
SET	Run mode	DMX/sound/Auto1/Auto2
	Channel mode	19CH/29CH/101CH/110CH /170CH/172CH
	Invert pixel	OFF/ON
	Invert tilt	OFF/ON
	Reserve	OFF/ON
	Opto Coupler ERROR	OFF/ON
	Signal Keep	OFF/ON
	Screen Saver	OFF/ON
	Invert Screen	OFF/ON/Auto
	Update Slave	OFF/ON
	Language	中/EN
	Dimmer curve	curve1-4
	Dimmer speed	fast/smooth
	Load default	
Manual	Manual control channel values	000-255
calibration	Enter password	6688
Reset	Focus motor reset	Only focus motor reset
	Y-axis reset	Y-axis reset only
	Reset all motors	Fixture reset
Note	Reset info	Display specific information content
	DMX Data detection	Display specific DMX detection content
	Sensor information	Display the specific information of optocoupler and Hall
	Hardware version	Display hardware version number
	Software version	Display software version number

8. DMX Channel

19CH

CH	Function	Value	explain
1	Y	0-255	0-100%
2	Y fine	0-255	16bit
3	Zoom	0-255	0-100%
4	Zoom1	0-255	0-100%
5	Zoom2	0-255	0-100%
6	Dimmer	0-255	0-100%
7	Main light strobe	0-7	Close
		8-15	Open
		16-131	Strobe, from slow to fast
		132-139	Open
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open
		190-231	Open slowly, close slowly, from slow to fast
		232-239	Open
		240-247	Random strobe, from slow to fast
		248-255	Open
8	CW/WW strobe	0-7	Close
		8-15	Open
		16-131	Strobe, from slow to fast
		132-139	Open
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open
		190-231	Open slowly, close slowly, from slow to fast
		232-239	Open
		240-247	Random strobe, from slow to fast
		248-255	Open
9	RGB Strobe	0-7	Close
		8-15	Open
		16-131	Strobe, from slow to fast
		132-139	Open
		140-181	Slow opening and fast closing, from slow to fast

		182-189	Open
		190-231	Open slowly, close slowly, from slow to fast
		232-239	Open
		240-247	Random strobe, from slow to fast
		248-255	Open
10	function	0-29	No function
		30-39	Dimming curve: linear
		40-49	Dimming curve: square ratio
		50-59	Dimming curve: inverse square
		60-69	Dimming curve: S curve
		70-139	No function
		140-149	Y Reset
		150-159	Zoom reset
		160-199	No function
		200-209	ALL reset
		210-219	Dimming speed: fast
		220-229	Dimming speed: smooth
		230-255	No function
11	Main red	0-255	0-100%
12	Main green	0-255	0-100%
13	Main blue	0-255	0-100%
14	Main white	0-255	0-100%
15	CW	0-255	0-100%
16	WW	0-255	0-100%
17	Auxiliary light R	0-255	0-100%
18	Auxiliary light G	0-255	0-100%
19	Auxiliary light B	0-255	0-100%

29CH

CH	Function	Value	explain
1	Y	0-255	0-100%
2	Y fine	0-255	16bit
3	Zoom	0-255	0-100%
4	Zoom1	0-255	0-100%
5	Zoom2	0-255	0-100%
6	Dimmer	0-255	0-100%
7	Main light strobe	0-7	Close
		8-15	Open
		16-131	Strobe, from slow to fast
		132-139	Open
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open
		190-231	Open slowly, close slowly, from slow to fast
		232-239	Open
		240-247	Random strobe, from slow to fast
		248-255	Open
8	CWWW Strobe	0-7	Close
		8-15	Open
		16-131	Strobe, from slow to fast
		132-139	Open
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open
		190-231	Open slowly, close slowly, from slow to fast
		232-239	Open
		240-247	Random strobe, from slow to fast
		248-255	Open
9	RGB Strobe	0-7	Close
		8-15	Open
		16-131	Strobe, from slow to fast
		132-139	Open

		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open
		190-231	Open slowly, close slowly, from slow to fast
		232-239	Open
		240-247	Random strobe, from slow to fast
		248-255	Open
10	function	0-29	No function
		30-39	Dimming curve: linear
		40-49	Dimming curve: square ratio
		50-59	Dimming curve: inverse square
		60-69	Dimming curve: S curve
		70-139	No function
		140-149	Y Reset
		150-159	Zoom reset
		160-199	No function
		200-209	ALL reset
		210-219	Dimming speed: fast
		220-229	Dimming speed: smooth
		230-255	No function
11	Main red	0-255	0-100%
12	Main green	0-255	0-100%
13	Main blue	0-255	0-100%
14	Main white	0-255	0-100%
15	Main CTO	0	No function
		1-255	8000K-2500K
16	Main Color	0-7	No function
		8-255	Color selection
17	Main Effect	0-7	No function
		8-15	Effect1
		...	8 numerical values for one effect
		184-191	Effect23
		192-255	No function

18	Main Effect speed	0-127	From slow to fast (no fading effect)
		128-255	From slow to fast (fade out effect)
19	CW	0-255	0-100%
20	WW	0-255	0-100%
21	CW/WW CTO	0-67	No function
		68-247	6500K-2600K
		248-255	No function
22	CW/WW Effect	0-7	No function
		8-15	Effect1
		...	8 numerical values for one effect
		184-191	Effect23
		192-255	No function
23	CW/WW Effect speed	0-127	From slow to fast (no fading effect)
		128-255	From slow to fast (fade out effect)
24	Auxiliary light R	0-255	0-100%
25	Auxiliary light G	0-255	0-100%
26	Auxiliary light B	0-255	0-100%
27	Auxiliary light color	0-7	No function
		8-255	Color selection
28	Auxiliary light RGB Effect	0-7	No function
		8-15	Effect1
		...	8 numerical values for one effect
		184-191	Effect23
		192-255	No function
29	Auxiliary light RGB Effect speed	0-127	From slow to fast (no fading effect)
		128-255	From slow to fast (fade out effect)

101CH

CH	Function	Value	explain
1	Y	0-255	0-100%
2	Y fine	0-255	16bit
3	Zoom	0-255	0-100%
4	Zoom1	0-255	0-100%
5	Zoom2	0-255	0-100%
6	Dimmer	0-255	0-100%
7	Main light strobe	0-7	Close
		8-15	Open
		16-131	Strobe, from slow to fast
		132-139	Open
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open
		190-231	Open slowly, close slowly, from slow to fast
		232-239	Open
		240-247	Random strobe, from slow to fast
		248-255	Open
8	CW/WW strobe	0-7	Close
		8-15	Open
		16-131	Strobe, from slow to fast
		132-139	Open
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open
		190-231	Open slowly, close slowly, from slow to fast
		232-239	Open
		240-247	Random strobe, from slow to fast
		248-255	Open
9	RGB Strobe	0-7	Close
		8-15	Open
		16-131	Strobe, from slow to fast
		132-139	Open
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open

		190-231	Open slowly, close slowly, from slow to fast
		232-239	Open
		240-247	Random strobe, from slow to fast
		248-255	Open
10	function	0-29	No function
		30-39	Dimming curve: linear
		40-49	Dimming curve: square ratio
		50-59	Dimming curve: inverse square
		60-69	Dimming curve: S curve
		70-139	No function
		140-149	Y Reset
		150-159	Zoom reset
		160-199	No function
		200-209	ALL reset
		210-219	Dimming speed: fast
		220-229	Dimming speed: smooth
		230-255	No function
11	Main red1	0-255	0-100%
12	Main green1	0-255	0-100%
13	Main blue1	0-255	0-100%
14	Main white1	0-255	0-100%
...
47	Main red10	0-255	0-100%
48	Main green10	0-255	0-100%
49	Main blue10	0-255	0-100%
50	Main white10	0-255	0-100%
51	CW1	0-255	0-100%
52	WW1	0-255	0-100%
...	...	...	0-100%
97	CW24	0-255	0-100%
98	WW24	0-255	0-100%
99	Auxiliary light R	0-255	0-100%
100	Auxiliary light G	0-255	0-100%
101	Auxiliary light B	0-255	0-100%

110CH

CH	Function	Value	explain
1	Y	0-255	0-100%
2	Y fine	0-255	16bit
3	Zoom	0-255	0-100%
4	Zoom1	0-255	0-100%
5	Zoom2	0-255	0-100%
6	Dimmer	0-255	0-100%
7	Main light strobe	0-7	Close
		8-15	Open
		16-131	Strobe, from slow to fast
		132-139	Open
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open
		190-231	Open slowly, close slowly, from slow to fast
		232-239	Open
		240-247	Random strobe, from slow to fast
		248-255	Open
8	CW/WW strobe	0-7	Close
		8-15	Open
		16-131	Strobe, from slow to fast
		132-139	Open
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open
		190-231	Open slowly, close slowly, from slow to fast
		232-239	Open
		240-247	Random strobe, from slow to fast
		248-255	Open
9	RGB Strobe	0-7	Close
		8-15	Open

		16-131	Strobe, from slow to fast
		132-139	Open
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open
		190-231	Open slowly, close slowly, from slow to fast
		232-239	Open
		240-247	Random strobe, from slow to fast
		248-255	Open
10	function	0-29	No function
		30-39	Dimming curve: linear
		40-49	Dimming curve: square ratio
		50-59	Dimming curve: inverse square
		60-69	Dimming curve: S curve
		70-139	No function
		140-149	Y Reset
		150-159	Zoom reset
		160-199	No function
		200-209	ALL reset
		210-219	Dimming speed: fast
		220-229	Dimming speed: smooth
		230-255	No function
11	Main red	0-255	0-100%
12	Main green	0-255	0-100%
13	Main blue	0-255	0-100%
14	Main white	0-255	0-100%
...
47	Main red10	0-255	0-100%
48	Main green10	0-255	0-100%
49	Main blue10	0-255	0-100%
50	Main white10	0-255	0-100%
51	CW1	0-255	0-100%

52	WW1	0-255	0-100%
...
73	CW12	0-255	0-100%
74	WW12	0-255	0-100%
75	Auxiliary light R1	0-255	0-100%
76	Auxiliary light G1	0-255	0-100%
77	Auxiliary light B1	0-255	0-100%
...
108	Auxiliary light R12	0-255	0-100%
109	Auxiliary light G12	0-255	0-100%
110	Auxiliary light B12	0-255	0-100%

170CH

CH	Function	Value	explain
1	Y	0-255	0-100%
2	Y fine	0-255	16bit
3	Zoom	0-255	0-100%
4	Zoom1	0-255	0-100%
5	Zoom2	0-255	0-100%
6	Dimmer	0-255	0-100%
7	Main light strobe	0-7	Close
		8-15	Open
		16-131	Strobe, from slow to fast
		132-139	Open
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open
		190-231	Open slowly, close slowly, from slow to fast

		232-239	Open
		240-247	Random strobe, from slow to fast
		248-255	Open
8	CW/WW strobe	0-7	Close
		8-15	Open
		16-131	Strobe, from slow to fast
		132-139	Open
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open
		190-231	Open slowly, close slowly, from slow to fast
		232-239	Open
		240-247	Random strobe, from slow to fast
		248-255	Open
9	RGB Strobe	0-7	Close
		8-15	Open
		16-131	Strobe, from slow to fast
		132-139	Open
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open
		190-231	Open slowly, close slowly, from slow to fast
		232-239	Open
		240-247	Random strobe, from slow to fast
		248-255	Open
10	function	0-29	No function
		30-39	Dimming curve: linear
		40-49	Dimming curve: square ratio

		50-59	Dimming curve: inverse square
		60-69	Dimming curve: S curve
		70-139	No function
		140-149	Y Reset
		150-159	Zoom reset
		160-199	No function
		200-209	ALL reset
		210-219	Dimming speed: fast
		220-229	Dimming speed: smooth
		230-255	No function
11	Main red1	0-255	0-100%
12	Main green1	0-255	0-100%
13	Main blue1	0-255	0-100%
14	Main white1	0-255	0-100%
...
47	Main red10	0-255	0-100%
48	Main green10	0-255	0-100%
49	Main blue10	0-255	0-100%
50	Main white10	0-255	0-100%
51	CW1	0-255	0-100%
52	WW1	0-255	0-100%
...
97	CW24	0-255	0-100%
98	WW24	0-255	0-100%
99	Auxiliary light R1	0-255	0-100%
100	Auxiliary light G1	0-255	0-100%

101	Auxiliary light B1	0-255	0-100%
...	...	...	0-100%
168	Auxiliary light R24	0-255	0-100%
169	Auxiliary light G24	0-255	0-100%
170	Auxiliary light B24	0-255	0-100%

172CH

CH	Function	Value	explain
1	Y	0-255	0-100%
2	Y fine	0-255	16bit
3	Zoom	0-255	0-100%
4	Zoom1	0-255	0-100%
5	Zoom2	0-255	0-100%
6	Dimmer	0-255	0-100%
7	CW/WW Dimmer	0-255	0-100%
8	Auxiliary light RGB Dim	0-255	0-100%
9	Main light strobe	0-7	Close
		8-15	Open
		16-131	Strobe, from slow to fast
		132-139	Open
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open
		190-231	Open slowly, close slowly, from slow to fast
		232-239	Open
		240-247	Random strobe, from slow to fast
		248-255	Open
10	CW/WW strobe	0-7	Close
		8-15	Open
		16-131	Strobe, from slow to fast
		132-139	Open
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open

		190-231	Open slowly, close slowly, from slow to fast
		232-239	Open
		240-247	Random strobe, from slow to fast
		248-255	Open
11	RGB Strobe	0-7	Close
		8-15	Open
		16-131	Strobe, from slow to fast
		132-139	Open
		140-181	Slow opening and fast closing, from slow to fast
		182-189	Open
		190-231	Open slowly, close slowly, from slow to fast
		232-239	Open
		240-247	Random strobe, from slow to fast
		248-255	Open
12	function	0-29	No function
		30-39	Dimming curve: linear
		40-49	Dimming curve: square ratio
		50-59	Dimming curve: inverse square
		60-69	Dimming curve: S curve
		70-139	No function
		140-149	Y Reset
		150-159	Zoom reset
		160-199	No function
		200-209	ALL reset
		210-219	Dimming speed: fast
		220-229	Dimming speed: smooth
		230-255	No function
13	Main red1	0-255	0-100%
14	Main green1	0-255	0-100%
15	Main blue1	0-255	0-100%
16	Main white1	0-255	0-100%
...
49	Main red10	0-255	0-100%
50	Main green10	0-255	0-100%

51	Main blue10	0-255	0-100%
52	Main white10	0-255	0-100%
53	CW1	0-255	0-100%
54	WW1	0-255	0-100%
...	...	...	0-100%
99	CW24	0-255	0-100%
100	WW24	0-255	0-100%
101	Auxiliary light R1	0-255	0-100%
102	Auxiliary light G1	0-255	0-100%
103	Auxiliary light B1	0-255	0-100%
...	...	...	0-100%
170	Auxiliary light R24	0-255	0-100%
171	Auxiliary light G24	0-255	0-100%
172	Auxiliary light B24	0-255	0-100%

9. Troubleshooting

Following are a few common problems that may occur during operation. Here are some suggestions for troubleshooting:

A. The unit does not work, no light and the fan does not work

Check the connected power.

Measure the voltage.

Check the power indicator to see whether it can be lit up or not.

B. Not responding to the DMX controller

Check whether the DMX connectors and the DMX cables are connected correctly.

Check whether the DMX address is correctly set.

If the intermittent DMX signal problem occurs, check whether the XLR socket and the signal cable are well connected.

Try it with another DMX controller.

Check whether the DMX cables run near or alongside to the high-voltage cables, which may damage or interfere with the signal circuit.

