

SL-M1260-BZ-II

12x60W 4IN1 RGBW LED Zoom Moving Bar Light



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

User manual

Please read the instructions carefully before use

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STATEMENT

The product has well capability and intact packing when leave factory. All of the user should comply with warning item and manual, any misuse cause of the damages are not included in our guarantee, and also can not be responsible for any malfunction & problem owing to ignore the manual.

1.Safety Instruction

Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.

Unpack and check carefully there is no transportation damage before using the unit.

Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.

It's important to ground the yellow/green conductor to earth in order to avoid electric shock.

The unit must be installed in a location with adequate ventilation, at least

50cm from adjacent surfaces. Be sure that no ventilation slots are blocked. Disconnect main power before replacement or servicing.

Make sure there are no flammable materials close to the unit while operating as it is fire hazard.

Use safety cable when fixes this unit. DO NOT handle the unit by taking its head only, but always by taking its base.

Maximum ambient temperature is T_a : 40°C. DO NOT operate it where the temperature is higher than this Unit surface temperature may reach up to 85°C. DO NOT touch the housing bare-hand during its operation. Turn off the power and allow about 15 minutes for the unit to cool down before replacing or serving.

In the event of serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.

DO NOT touch any wire during operation as high voltage might be causing electric shock.

WARNING:

To prevent or reduce the risk of electrical shock or fire, do not expose the unit to rain or moisture.

DO NOT open the unit within five minutes after switching off.

The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged.

CAUTION:

There are no user serviceable parts inside the unit. DO NOT open the housing or attempt any repairs yourself. In the unlikely event your unit may require service, please contact your nearest dealer.

INSTALLATION:

The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. And make sure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit's weight. Also always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture.

The equipment must be fixed by professionals. And it must be fixed at a place where is out of the touch of people.

2. Technical Specification

Power Voltage: AC 100-240V, 50/60Hz

Power Consumption: 850W

Light Sources: 12pcs Multi-chip Osram 4in1 RGBW 60 Watt LED sources
432pcs 1w warm white + gold color 2in1 LEDs

Zoom Angle: 3-45°

Moving Angle: 215°

Color: RGBW Color mixing

Pixel: Each head and LED can be control individually

Dimmer: 0-100% linear dimmer

Control

DMX Channel: 26/59/128/182/314/329 CHs

Control Modes: DMX512, Auto, Master-Slave, Music

Construction

Display: LCD Display

DMX In/Out socket: 3&5pin XLR in/out

Power Socket: Powercon in/out

Protection Rating: IP20

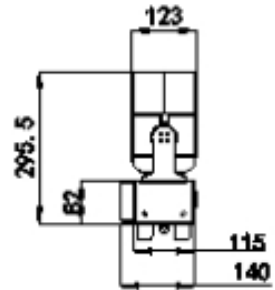
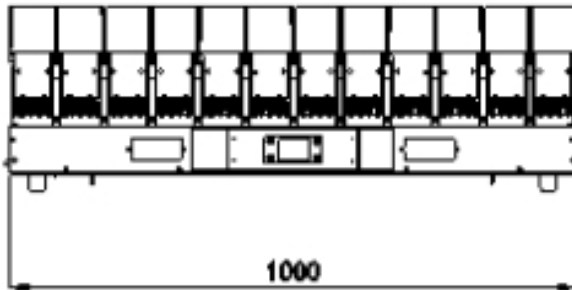
Size

Packing Size: 1000*140*305MM

Weight

Gross Weight: 26Kgs

Product Dimensions



3.How to Control The Device

The DMX512 is widely used in intelligent lighting control,with a DMX 512 controller.connect several lights together,dmx in and dmx out, 3 pin XLR connectors: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)

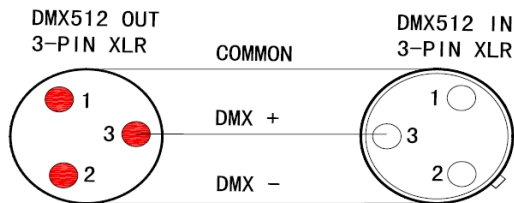
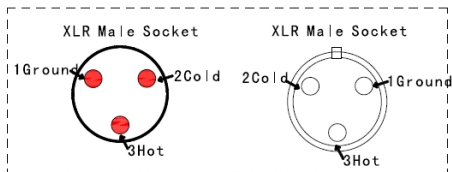


Figure2



XLR Pin Configuration	
pin1=	Ground
pin2=	Data Compliment (negative)
pin3=	Data true (positive)

Display:

- MENU To select the programming functions
- DOWN To go backward in the selected functions
- UP To go forward in the selected functions
- ENTER To confirm the selected functions

Set DMX Address Code

1. Press "**Menu**" to "Set DMX Address", and press "**ENTER**" keys to enter into
2. Show "Set DMX Address DMX Address:001", Press the "**UP** and **DOWN**" keys to amended
- 3 Press "**ENTER**" keys to save and Exit, Press the "**MENU**" Keys does not save and Exit
- 4 Functions setting via LED display panel as below:

Main Menu	Menu	Functions
1. System Settings	1. DMX Address	Change the DMX address code up or down (the address code ranges from 001-512), and save it by the confirm key. The default value is 001.
	2. Y reversed	Change Y up or down. Invert Enable/Disable. Save the confirmation key.

	3、 No signal	Zero
	4、 Advanced Settings	
2、 Operation mode	1、 Operation mode	Up or down to select the running mode DMX/ voice/automatic, confirm the key to save, the default DMX.
	2. Channel selection	CH26.CH59.CH128.CH182.CH314.CH329
	3、 Y	Modify Y motor running parameter value up or down (adjustable range 000-255), save the confirm key, the default 128.
	4、 Y Speed	Change Y motor speed running parameter value up or down (adjustable range 000-255), save the confirm key, the default 128.
	5、 Y Speed	Change the value of the Y mode parameter (the adjustable range is 000-255) up or down, and save the value by the confirm key. The default value is 128.
	6 、 YMode amplitude	Change the value of the Y mode amplitude parameter (adjustable range 000-255) up or down, and save the confirm key. The default value is 128.
	7、 Zoom	Modify the operation parameter value of the focusing motor up or down (adjustable range 000-255), save the confirm key, the default is 255.
	8、 Dimmer	Change the value of the dimmer parameter (the adjustable range is 000-255) up or down, and save the Settings by the confirm key. The default value is 255.
	9、 Strobe	Change the stroboscopic parameter value in the upward or downward direction (adjustable range 000-255), and save the confirmation key. The default value is 000.
	10、 Red	Change the red bead brightness up or down (adjustable range 000-255), and save the confirm key. The default is 255.
	11、 Green	Change the green bead brightness up or down (adjustable range 000-255), and save the confirm key. The default is 255.
	12、 Blue	Change the brightness of the blue bead up or down (adjustable

		range 000-255), and save the confirm key. The default is 255.	
	13、 White	Change the brightness of the white lamp bead up or down (adjustable range 000-255), and save the confirm key. The default is 255.	
	14、 Mode	Change the mode parameter value up or down (adjustable range 000-255), and save the confirm key. The default value is 255.	
	15、 Speed	Change the value of the speed parameter up or down (adjustable range 000-255), and save it by the confirm key. The default value is 255.	
	16 、 Background color	Change the value of the speed parameter up or down (adjustable range 000-255), and save it by the confirm key. The default value is 255.	
	17 、 Background color Dimmer	Change the background tone light parameter value up or down (adjustable range 000-255), and save the confirm key. The default value is 255.	
	18、 Reset	Yes/No	
4、 Display setting	1、 Language selection	Select Chinese /EN (English) up or down, and click OK to save. The default is Chinese.	
	2、 Backward display setting	Select up or down to turn off/Turn on the backward display Settings. The confirm key saves the Settings. The default Settings are turned off.	
	3 、 Screen saver	Select up or down to disable or enable the screen saver. The confirm key saves the Settings.	
	4 、 Software version	04XZ	
5、 Factory setup	Factory setup display please enter password! Change it up or down to	1、 Y1 calibrate	Modify the value in the upward or downward direction (range 000-255). The default value is 128.
		2、 F1 calibrate	Modify the value in the upward or downward direction (range 000-255). The default value is 128.

<p>138 and press the Confirm button to enter the factory Settings.</p>	3、 Y2 calibrate	Modify the value in the upward or downward direction (range 000-255). The default value is 128.
	4、 F2 calibrate	Modify the value in the upward or downward direction (range 000-255). The default value is 128.
	5、 Y3 calibrate	Modify the value in the upward or downward direction (range 000-255). The default value is 128.
	6、 F3 calibrate	Modify the value in the upward or downward direction (range 000-255). The default value is 128.
	7、 Y4 calibrate	Modify the value in the upward or downward direction (range 000-255). The default value is 128.
	8、 F4 calibrate	Modify the value in the upward or downward direction (range 000-255). The default value is 128.
	9、 Y5 calibrate	Modify the value in the upward or downward direction (range 000-255). The default value is 128.
	10、 F5 calibrate	Modify the value in the upward or downward direction (range 000-255). The default value is 128.
	11、 Y6 calibrate	Modify the value in the upward or downward direction (range 000-255). The default value is 128.
	12、 F6 calibrate	Modify the value in the upward or downward direction (range 000-255). The default value is 128.
	13、 Y7 calibrate	Modify the value in the upward or downward direction (range 000-255).

		The default value is 128.
	14、 F7 calibrate	Modify the value in the upward or downward direction (range 000-255). The default value is 128.
	15、 Y8 calibrate	Modify the value in the upward or downward direction (range 000-255). The default value is 128.
	16、 F8 calibrate	Modify the value in the upward or downward direction (range 000-255). The default value is 128.
	17、 Y9 calibrate	Modify the value in the upward or downward direction (range 000-255). The default value is 128.
	18、 F9 calibrate	Modify the value in the upward or downward direction (range 000-255). The default value is 128.
	19、 Y10 calibrate	Modify the value in the upward or downward direction (range 000-255). The default value is 128.
	20、 F10 calibrate	Modify the value in the upward or downward direction (range 000-255). The default value is 128.
	21、 Y11 calibrate	Modify the value in the upward or downward direction (range 000-255). The default value is 128.
	22、 F11 calibrate	Modify the value in the upward or downward direction (range 000-255). The default value is 128.
	23、 Y12 calibrate	Modify the value in the upward or downward direction (range 000-255). The default value is 128.
	24、 F12 calibrate	Modify the value in the upward or

		downward direction (range 000-255). The default value is 128.
	25、 Y journey	Modify the value in the upward or downward direction (range 000-255). The default value is 128.
	26、 Zoom journey	Modify the value in the upward or downward direction (range 000-255). The default value is 128.
	27、 Red	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	28、 Green	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	29、 Blue	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	30、 White	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	31、 Red	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	32、 Green	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	33、 Blue	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	34、 White	Modify the value in the upward or downward direction (range 000-255). The default value is 255.

	35、Red	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	36、Green	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	37、Blue	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	38、White	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	39、Red	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	40、Green	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	41、Blue	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	42、White	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	43、Red	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	44、Green	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	45、Blue	Modify the value in the upward or downward direction (range 000-255).

		The default value is 255.
	46、 White	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	47、 Red	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	48、 Green	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	49、 Blue	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	50、 White	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	51、 Red	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	52、 Green	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	53、 Blue	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	54、 White	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	55、 Red	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	56、 Green	Modify the value in the upward or

			downward direction (range 000-255). The default value is 255.
		57、 Blue	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
		58、 White	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
		59、 Red	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
		60、 Green	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
		61、 Blue	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
		62、 White	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
		63、 Red	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
		64、 Green	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
		65、 Blue	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
		66、 White	Modify the value in the upward or downward direction (range 000-255). The default value is 255.

	67、Red	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	68、Green	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	69、Blue	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	70、White	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	71、Red	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	72、Green	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	73、Blue	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	74、White	Modify the value in the upward or downward direction (range 000-255). The default value is 255.
	75、LED direction	Modify the value in the upward or downward direction (range 000-255). The default value is 000.
	76、Electric current	Modify the value in the upward or downward direction (range 000-255). The default value is 230.
	77、LOGO	LOGO change
	78、Temperature	The default temperature is 45

		79、Temperature control - Fan	Open/Off
		80、LED direction	LEDSequential switching
		81、YF direction	Change the YF direction parameter (range 000-255) up or down, and save the Settings by the confirm key. The default value is 000.

4. DMX Channel Table

DMX 512 26CHs

Channel	Value	Function
CH1	Tilt	0-255
CH2	Tilt Fine	255
CH3	Tilt Speed	0-255
CH4	Tilt Macro	0-255
CH5	CTC	0-255
CH6	Color Macro	0-255
CH7	Pattern	0-255
CH8	LED built-in	0-255
CH9	LED built-in speed	0-255
CH10	LED built-in delay	0-255
CH11	Background color	0-255
CH12	Background color dimmer	0-255
CH13	Dimmer	0-255
CH14	Strobe	0-255
CH15	Zoom	0-255
CH16	Control	0-255

CH17	Red	0-255
CH18	Green	0-255
CH19	Blue	0-255
CH20	White	0-255
CH21	Auxiliary LED Strobe	0-255
CH22	Auxiliary White	0-255
CH23	Auxiliary Gold	0-255
CH24	Auxiliary CTO	0-255
CH25	Auxiliary Effect	0-255
CH26	Auxiliary Speed	0-255

DMX 512 59CHs

Channel	Value	Function
CH1	Tilt 1	0-255
CH2	Fine Tilt 1	0-255
CH3	Tilt 2	0-255
CH4	Fine Tilt 2	0-255
CH5	Tilt 3	0-255
CH6	Fine Tilt 3	0-255
CH7	Tilt 4	0-255
CH8	Fine Tilt 4	0-255
CH9	Tilt 5	0-255
CH10	Fine Tilt 5	0-255
CH11	Tilt 6	0-255
CH12	Fine Tilt 6	0-255
CH13	Tilt 7	0-255
CH14	Fine Tilt 7	0-255
CH15	Tilt 8	0-255
CH16	Fine Tilt 8	0-255
CH17	Tilt 9	0-255

CH18	Fine Tilt 9	0-255
CH19	Tilt 10	0-255
CH20	Fine Tilt 10	0-255
CH21	Tilt 11	0-255
CH22	Fine Tilt 11	0-255
CH23	Tilt 12	0-255
CH24	Fine Tilt 12	0-255
CH25	Tilt Speed	0-255
CH26	Tilt Macro	0-255
CH27	CTC	0-255
CH28	Color Macro	0-255
CH29	Pattern	0-255
CH30	LED built-in	0-255
CH31	LED built-in speed	0-255
CH32	LED built-in delay	0-255
CH33	Background color	0-255
CH34	Background color dimmer	0-255
CH35	Dimmer	0-255
CH36	Strobe	0-255
CH37	Zoom 1	0-255
CH38	Zoom 2	0-255
CH39	Zoom 3	0-255
CH40	Zoom 4	0-255
CH41	Zoom 5	0-255
CH42	Zoom 6	0-255
CH43	Zoom 7	0-255
CH44	Zoom 8	0-255
CH45	Zoom 9	0-255
CH46	Zoom 10	0-255
CH47	Zoom 11	0-255
CH48	Zoom 12	0-255

CH49	Control	0-255
CH50	Red	0-255
CH51	Green	0-255
CH52	Blue	0-255
CH53	White	0-255
CH54	Auxiliary LED Strobe	0-255
CH55	Auxiliary White	0-255
CH56	Auxiliary Gold	0-255
CH57	Auxiliary CTO	0-255
CH58	Auxiliary Effect	0-255
CH59	Auxiliary Speed	0-255

DMX 512 128Chs

Channel	Value	Function
CH1	Tilt 1	0-255
CH2	Fine Tilt 1	0-255
CH3	Tilt 2	0-255
CH4	Fine Tilt 2	0-255
CH5	Tilt 3	0-255
CH6	Fine Tilt 3	0-255
CH7	Tilt 4	0-255
CH8	Fine Tilt 4	0-255
CH9	Tilt 5	0-255
CH10	Fine Tilt 5	0-255
CH11	Tilt 6	0-255
CH12	Fine Tilt 6	0-255
CH13	Tilt 7	0-255
CH14	Fine Tilt 7	0-255
CH15	Tilt 8	0-255
CH16	Fine Tilt 8	0-255

CH17	Tilt 9	0-255
CH18	Fine Tilt 9	0-255
CH19	Tilt 10	0-255
CH20	Fine Tilt 10	0-255
CH21	Tilt 11	0-255
CH22	Fine Tilt 11	0-255
CH23	Tilt 12	0-255
CH24	Fine Tilt 12	0-255
CH25	Tilt Speed	0-255
CH26	Tilt Macro	0-255
CH27	CTO	0-255
CH28	Color Macro	0-255
CH29	Pattern	0-255
CH30	LED built-in effect	0-255
CH31	LED built-in speed	0-255
CH32	LED built-in delay	0-255
CH33	Background color	0-255
CH34	Background color dimmer	0-255
CH35	Dimmer	0-255
CH36	Strobe	0-255
CH37	Auxiliary LED Strobe	0-255
CH38	Zoom 1	0-255
CH39	Zoom 2	0-255
CH40	Zoom 3	0-255
CH41	Zoom 4	0-255
CH42	Zoom 5	0-255
CH43	Zoom 6	0-255
CH44	Zoom 7	0-255
CH45	Zoom 8	0-255
CH46	Zoom 9	0-255

CH47	Zoom 10	0-255
CH48	Zoom 11	0-255
CH49	Zoom 12	0-255
CH50	Control	0-255
CH51	Red	0-255
CH52	Green	0-255
CH53	Blue	0-255
CH54	White	0-255
CH55	Auxiliary White	0-255
CH56	Auxiliary Gold	0-255
CH57	Red 1	0-255
CH58	Green 1	0-255
CH59	Blue 1	0-255
CH60	White 1	0-255
CH61	Auxiliary White 1	0-255
CH62	Auxiliary Gold 1	0-255
CH63	Red 2	0-255
CH64	Green 2	0-255
CH65	Blue 2	0-255
CH66	White 2	0-255
CH67	Auxiliary White 2	0-255
CH68	Auxiliary Gold 2	0-255
CH69	Red 3	0-255
CH70	Green 3	0-255
CH71	Blue 3	0-255
CH72	White 3	0-255
CH73	Auxiliary White 3	0-255
CH74	Auxiliary Gold 3	0-255
CH75	Red 4	0-255
CH76	Green 4	0-255
CH77	Blue 4	0-255

CH78	White 4	0-255
CH79	Auxiliary White 4	0-255
CH80	Auxiliary Gold 4	0-255
CH81	Red 5	0-255
CH82	Green 5	0-255
CH83	Blue 5	0-255
CH84	White 5	0-255
CH85	Auxiliary White 5	0-255
CH86	Auxiliary Gold 5	0-255
CH87	Red 6	0-255
CH88	Green 6	0-255
CH89	Blue 6	0-255
CH90	White 6	0-255
CH91	Auxiliary White 6	0-255
CH92	Auxiliary Gold 6	0-255
CH93	Red 7	0-255
CH94	Green 7	0-255
CH95	Blue 7	0-255
CH96	White 7	0-255
CH97	Auxiliary White 7	0-255
CH98	Auxiliary Gold 7	0-255
CH99	Red 8	0-255
CH100	Green 8	0-255
CH101	Blue 8	0-255
CH102	White 8	0-255
CH103	Auxiliary White 8	0-255
CH104	Auxiliary Gold 8	0-255
CH105	Red 9	0-255
CH106	Green 9	0-255
CH107	Blue 9	0-255
CH108	White 9	0-255

CH109	Auxiliary White 9	0-255
CH110	Auxiliary Gold 9	0-255
CH111	Red 10	0-255
CH112	Green 10	0-255
CH113	Blue 10	0-255
CH114	White 10	0-255
CH115	Auxiliary White 10	0-255
CH116	Auxiliary Gold 10	0-255
CH117	Red 11	0-255
CH118	Green 11	0-255
CH119	Blue 11	0-255
CH120	White 11	0-255
CH121	Auxiliary White 11	0-255
CH122	Auxiliary Gold 11	0-255
CH123	Red 12	0-255
CH124	Green 12	0-255
CH125	Blue 12	0-255
CH126	White 12	0-255
CH127	Auxiliary White 12	0-255
CH128	Auxiliary Gold 12	0-255

DMX 512 182Chs

Channel	Value	Function
CH1	Tilt 1	0-255
CH2	Fine Tilt 1	0-255
CH3	Tilt 2	0-255
CH4	Fine Tilt 2	0-255
CH5	Tilt 3	0-255
CH6	Fine Tilt 3	0-255
CH7	Tilt 4	0-255

CH8	Fine Tilt 4	0-255
CH9	Tilt 5	0-255
CH10	Fine Tilt 5	0-255
CH11	Tilt 6	0-255
CH12	Fine Tilt 6	0-255
CH13	Tilt 7	0-255
CH14	Fine Tilt 7	0-255
CH15	Tilt 8	0-255
CH16	Fine Tilt 8	0-255
CH17	Tilt 9	0-255
CH18	Fine Tilt 9	0-255
CH19	Tilt 10	0-255
CH20	Fine Tilt 10	0-255
CH21	Tilt 11	0-255
CH22	Fine Tilt 11	0-255
CH23	Tilt 12	0-255
CH24	Fine Tilt 12	0-255
CH25	Tilt Speed	0-255
CH26	Tilt Macro	0-255
CH27	CTO	0-255
CH28	Color Macro	0-255
CH29	Pattern	0-255
CH30	LED built-in effect	0-255
CH31	LED built-in speed	0-255
CH32	LED built-in delay	0-255
CH33	Background color	0-255
CH34	Background color dimmer	0-255
CH35	Background color fine dimmer	0-255
CH36	Dimmer	0-255

CH37	Fine Dimmer	0-255
CH38	Strobe	0-255
CH39	Auxiliary LED Strobe	0-255
CH40	Zoom 1	0-255
CH41	Zoom 2	0-255
CH42	Zoom 3	0-255
CH43	Zoom 4	0-255
CH44	Zoom 5	0-255
CH45	Zoom 6	0-255
CH46	Zoom 7	0-255
CH47	Zoom 8	0-255
CH48	Zoom 9	0-255
CH49	Zoom 10	0-255
CH50	Zoom 11	0-255
CH51	Zoom 12	0-255
CH52	Control	0-255
CH53	Red	0-255
CH54	Fine Red	0-255
CH55	Green	0-255
CH56	Fine Green	0-255
CH57	Blue	0-255
CH58	Fine Blue	0-255
CH59	White	0-255
CH60	Fine White	0-255
CH61	Auxiliary White	0-255
CH62	Auxiliary Gold	0-255
CH63	Red 1	0-255
CH64	Fine Red 1	0-255
CH65	Green 1	0-255
CH66	Fine Green 1	0-255
CH67	Blue 1	0-255

CH68	Fine Blue 1	0-255
CH69	White 1	0-255
CH70	Fine White 1	0-255
CH71	Auxiliary White 1	0-255
CH72	Auxiliary Gold 1	0-255
CH73	Red 2	0-255
CH74	Fine Red 2	0-255
CH75	Green 2	0-255
CH76	Fine Green 2	0-255
CH77	Blue 2	0-255
CH78	Fine Blue 2	0-255
CH79	White 2	0-255
CH80	Fine White 2	0-255
CH81	Auxiliary White 2	0-255
CH82	Auxiliary Gold 2	0-255
CH83	Red 3	0-255
CH84	Fine Red 3	0-255
CH85	Green 3	0-255
CH86	Fine Green 3	0-255
CH87	Blue 3	0-255
CH88	Fine Blue 3	0-255
CH89	White 3	0-255
CH90	Fine White 3	0-255
CH91	Auxiliary White 3	0-255
CH92	Auxiliary Gold 3	0-255
CH93	Red 4	0-255
CH94	Fine Red 4	0-255
CH95	Green 4	0-255
CH96	Fine Green 4	0-255
CH97	Blue 4	0-255
CH98	Fine Blue 4	0-255

CH99	White 4	0-255
CH100	Fine White 4	0-255
CH101	Auxiliary White 4	0-255
CH102	Auxiliary Gold 4	0-255
CH103	Red 5	0-255
CH104	Fine Red 5	0-255
CH105	Green 5	0-255
CH106	Fine Green 5	0-255
CH107	Blue 5	0-255
CH108	Fine Blue 5	0-255
CH109	White 5	0-255
CH110	Fine White 5	0-255
CH111	Auxiliary White 5	0-255
CH112	Auxiliary Gold 5	0-255
CH113	Red 6	0-255
CH114	Fine Red 6	0-255
CH115	Green 6	0-255
CH116	Fine Green 6	0-255
CH117	Blue 6	0-255
CH118	Fine Blue 6	0-255
CH119	White 6	0-255
CH120	Fine White 6	0-255
CH121	Auxiliary White 6	0-255
CH122	Auxiliary Gold 6	0-255
CH123	Red 7	0-255
CH124	Fine Red 7	0-255
CH125	Green 7	0-255
CH126	Fine Green 7	0-255
CH127	Blue 7	0-255
CH128	Fine Blue 7	0-255
CH129	White 7	0-255

CH130	Fine White 7	0-255
CJ131	Auxiliary White 7	0-255
CH132	Auxiliary Gold 7	0-255
CH133	Red 8	0-255
CH134	Fine Red 8	0-255
CH135	Green 8	0-255
CH136	Fine Green 8	0-255
CH137	Blue 8	0-255
CH138	Fine Blue 8	0-255
CH139	White 8	0-255
CH140	Fine White 8	0-255
CH141	Auxiliary White 8	0-255
CH142	Auxiliary Gold 8	0-255
CH143	Red 9	0-255
CH144	Fine Red 9	0-255
CH145	Green 9	0-255
CH146	Fine Green 9	0-255
CH147	Blue 9	0-255
CH148	Fine Blue 9	0-255
CH149	White 9	0-255
CH150	Fine White 9	0-255
CH151	Auxiliary White 9	0-255
CH152	Auxiliary Gold 9	0-255
CH153	Red 10	0-255
CH154	Fine Red 10	0-255
CH155	Green 10	0-255
CH156	Fine Green 10	0-255
CH157	Blue 10	0-255
CH158	Fine Blue 10	0-255
CH159	White 10	0-255
CH160	Fine White 10	0-255

CH161	Auxiliary White 10	0-255
CH162	Auxiliary Gold 10	0-255
CH163	Red 11	0-255
CH164	Fine Red 11	0-255
CH165	Green 11	0-255
CH166	Fine Green 11	0-255
CH167	Blue 11	0-255
CH168	Fine Blue 11	0-255
CH169	White 11	0-255
CH170	Fine White 11	0-255
CH171	Auxiliary White 11	0-255
CH172	Auxiliary Gold 11	0-255
CH173	Red 12	0-255
CH174	Fine Red 12	0-255
CH175	Green 12	0-255
CH176	Fine Green 12	0-255
CH177	Blue 12	0-255
CH178	Fine Blue 12	0-255
CH179	White 12	0-255
CH180	Fine White 12	0-255
CH11	Auxiliary White 12	0-255
CH182	Auxiliary Gold 12	0-255

DMX 512 314CHs

Channel	Value	Function
CH1	Control	0-255
CH2	Tilt Speed	0-255
CH3	Tilt Macro	0-255
CH4	CTC	0-255
CH5	Color Macro	0-255

CH6	Pattern	0-255
CH7	LED built-in	0-255
CH8	LED built-in speed	0-255
CH9	LED built-in delay	0-255
CH10	Background color	0-255
CH11	Background color dimmer	0-255
CH12	Background color fine dimmer	0-255
CH13	Strobe	0-255
CH14	Auxiliary LED Strobe	0-255
CH15	Tilt 1	0-255
CH16	Fine Tilt 1	0-255
CH17	Zoom 1	0-255
CH18	Dimmer 1	0-255
CH19	Fine Dimmer 1	0-255
CH20	Red 1	0-255
CH21	Fine Red 1	0-255
CH22	Green 1	0-255
CH23	Fine Green 1	0-255
CH24	Blue 1	0-255
CH25	Fine Blue 1	0-255
CH26	White 1	0-255
CH27	Fine White 1	0-255
CH28	Auxiliary White 1-1	0-255
CH29	Auxiliary Gold 1-1	0-255
CH30	Auxiliary White 1-2	0-255
CH31	Auxiliary Gold 1-2	0-255
CH32	Auxiliary White 1-3	0-255
CH33	Auxiliary Gold 1-3	0-255
CH34	Auxiliary White 1-4	0-255

CH35	Auxiliary Gold 1-4	0-255
CH36	Auxiliary White 1-5	0-255
CH37	Auxiliary Gold 1-5	0-255
CH38	Auxiliary White 1-6	0-255
CH39	Auxiliary Gold 1-6	0-255
CH40	Tilt 2	0-255
CH41	Fine Tilt 2	0-255
CH42	Zoom 2	0-255
CH43	Dimmer 2	0-255
CH44	Fine Dimmer 2	0-255
CH45	Red 2	0-255
CH46	Fine Red 2	0-255
CH47	Green 2	0-255
CH48	Fine Green 2	0-255
CH49	Blue 2	0-255
CH50	Fine Blue 2	0-255
CH51	White 2	0-255
CH52	Fine White 2	0-255
CH53	Auxiliary White 2-1	0-255
CH54	Auxiliary Gold 2-1	0-255
CH55	Auxiliary White 2-2	0-255
CH56	Auxiliary Gold 2-2	0-255
CH57	Auxiliary White 2-3	0-255
CH58	Auxiliary Gold 2-3	0-255
CH59	Auxiliary White 2-4	0-255
CH60	Auxiliary Gold 2-4	0-255
CH61	Auxiliary White 2-5	0-255
CH62	Auxiliary Gold 2-5	0-255
CH63	Auxiliary White 2-6	0-255
CH64	Auxiliary Gold 2-6	0-255
CH65	Tilt 3	0-255

CH66	Fine Tilt 3	0-255
CH67	Zoom 3	0-255
CH68	Dimmer 3	0-255
CH69	Fine Dimmer 3	0-255
CH70	Red 3	0-255
CH71	Fine Red 3	0-255
CH72	Green 3	0-255
CH73	Fine Green 3	0-255
CH74	Blue 3	0-255
CH75	Fine Blue 3	0-255
CH76	White 3	0-255
CH77	Fine White 3	0-255
CH78	Auxiliary White 3-1	0-255
CH79	Auxiliary Gold 3-1	0-255
CH80	Auxiliary White 3-2	0-255
CH81	Auxiliary Gold 3-2	0-255
CH82	Auxiliary White 3-3	0-255
CH83	Auxiliary Gold 3-3	0-255
CH84	Auxiliary White 3-4	0-255
CH85	Auxiliary Gold 3-4	0-255
CH86	Auxiliary White 3-5	0-255
CH87	Auxiliary Gold 3-5	0-255
CH88	Auxiliary White 3-6	0-255
CH89	Auxiliary Gold 3-6	0-255
CH90	Tilt 4	0-255
CH91	Fine Tilt 4	0-255
CH92	Zoom 4	0-255
CH93	Dimmer 4	0-255
CH94	Fine Dimmer 4	0-255
CH95	Red 4	0-255
CH96	Fine Red 4	0-255

CH97	Green 4	0-255
CH98	Fine Green 4	0-255
CH99	Blue 4	0-255
CH100	Fine Blue 4	0-255
CH101	White 4	0-255
CH102	Fine White 4	0-255
CH103	Auxiliary White 4-1	0-255
CH104	Auxiliary Gold 4-1	0-255
CH105	Auxiliary White 4-2	0-255
CH106	Auxiliary Gold 4-2	0-255
CH107	Auxiliary White 4-3	0-255
CH108	Auxiliary Gold 4-3	0-255
CH109	Auxiliary White 4-4	0-255
CH110	Auxiliary Gold 4-4	0-255
CH111	Auxiliary White 4-5	0-255
CH112	Auxiliary Gold 4-5	0-255
CH113	Auxiliary White 4-6	0-255
CH114	Auxiliary Gold 4-6	0-255
CH115	Tilt 5	0-255
CH116	Fine Tilt 5	0-255
CH117	Zoom 5	0-255
CH118	Dimmer 5	0-255
CH119	Fine Dimmer 5	0-255
CH120	Red 5	0-255
CH121	Fine Red 5	0-255
CH122	Green 5	0-255
CH123	Fine Green 5	0-255
CH124	Blue 5	0-255
CH125	Fine Blue 5	0-255
CH126	White 5	0-255
CH127	Fine White 5	0-255

CH128	Auxiliary White 5-1	0-255
CH129	Auxiliary Gold 5-1	0-255
CH130	Auxiliary White 5-2	0-255
CH131	Auxiliary Gold 5-2	0-255
CH132	Auxiliary White 5-3	0-255
CH133	Auxiliary Gold 5-3	0-255
CH134	Auxiliary White 5-4	0-255
CH135	Auxiliary Gold 5-4	0-255
CH136	Auxiliary White 5-5	0-255
CH137	Auxiliary Gold 5-5	0-255
CH138	Auxiliary White 5-6	0-255
CH139	Auxiliary Gold 5-6	0-255
CH140	Tilt 6	0-255
CH141	Fine Tilt 6	0-255
CH142	Zoom 6	0-255
CH143	Dimmer 6	0-255
CH144	Fine Dimmer 6	0-255
CH145	Red 6	0-255
CH146	Fine Red 6	0-255
CH147	Green 6	0-255
CH148	Fine Green 6	0-255
CH149	Blue 6	0-255
CH150	Fine Blue 6	0-255
CH151	White 6	0-255
CH152	Fine White 6	0-255
CH153	Auxiliary White 6-1	0-255
CH154	Auxiliary Gold 6-1	0-255
CH155	Auxiliary White 6-2	0-255
CH156	Auxiliary Gold 6-2	0-255
CH157	Auxiliary White 6-3	0-255
CH158	Auxiliary Gold 6-3	0-255

CH159	Auxiliary White 6-4	0-255
CH160	Auxiliary Gold 6-4	0-255
CH161	Auxiliary White 6-5	0-255
CH162	Auxiliary Gold 6-5	0-255
CH163	Auxiliary White 6-6	0-255
CH164	Auxiliary Gold 6-6	0-255
CH165	Tilt 7	0-255
CH166	Fine Tilt 7	0-255
CH167	Zoom 7	0-255
CH168	Dimmer 7	0-255
CH169	Fine Dimmer 7	0-255
CH170	Red 7	0-255
CH171	Fine Red 7	0-255
CH172	Green 7	0-255
CH173	Fine Green 7	0-255
CH174	Blue 7	0-255
CH175	Fine Blue 7	0-255
CH176	White 7	0-255
CH178	Fine White 7	0-255
CH179	Auxiliary White 7-1	0-255
CH180	Auxiliary Gold 7-1	0-255
CH181	Auxiliary White 7-2	0-255
CH182	Auxiliary Gold 7-2	0-255
CH183	Auxiliary White 7-3	0-255
CH184	Auxiliary Gold 7-3	0-255
CH185	Auxiliary White 7-4	0-255
CH186	Auxiliary Gold 7-4	0-255
CH187	Auxiliary White 7-5	0-255
CH188	Auxiliary Gold 7-5	0-255
CH189	Auxiliary White 7-6	0-255
CH190	Auxiliary Gold 7-6	0-255

CH258	Auxiliary Gold 10-3	0-255
CH259	Auxiliary White 10-4	0-255
CH260	Auxiliary Gold 10-4	0-255
CH261	Auxiliary White 10-5	0-255
CH262	Auxiliary Gold 10-5	0-255
CH263	Auxiliary White 10-6	0-255
CH264	Auxiliary Gold 10-6	0-255
CH265	Tilt 11	0-255
CH266	Fine Tilt 11	0-255
CH267	Zoom 11	0-255
CH268	Dimmer 11	0-255
CH269	Fine Dimmer 11	0-255
CH270	Red 11	0-255
CH271	Fine Red 11	0-255
CH272	Green 11	0-255
CH273	Fine Green 11	0-255
CH274	Blue 11	0-255
CH275	Fine Blue 11	0-255
CH276	White 11	0-255
CH277	Fine White 11	0-255
CH278	Auxiliary White 11-1	0-255
CH279	Auxiliary Gold 11-1	0-255
CH280	Auxiliary White 11-2	0-255
CH281	Auxiliary Gold 11-2	0-255
CH282	Auxiliary White 11-3	0-255
CH283	Auxiliary Gold 11-3	0-255
CH284	Auxiliary White 11-4	0-255
CH285	Auxiliary Gold 11-4	0-255
CH286	Auxiliary White 11-5	0-255
CH287	Auxiliary Gold 11-5	0-255
CH288	Auxiliary White 11-6	0-255

CH289	Auxiliary Gold 11-6	0-255
CH290	Tilt 12	0-255
CH291	Fine Tilt 12	0-255
CH292	Zoom 12	0-255
CH293	Dimmer 12	0-255
CH294	Fine Dimmer 12	0-255
CH295	Red 12	0-255
CH296	Fine Red 12	0-255
CH297	Green 12	0-255
CH298	Fine Green 12	0-255
CH299	Blue 12	0-255
CH300	Fine Blue 12	0-255
CH301	White 12	0-255
CH302	Fine White 12	0-255
CH303	Auxiliary White 12-1	0-255
CH304	Auxiliary Gold 12-1	0-255
CH305	Auxiliary White 12-2	0-255
CH306	Auxiliary Gold 12-2	0-255
CH307	Auxiliary White 12-3	0-255
CH308	Auxiliary Gold 12-3	0-255
CH309	Auxiliary White 12-4	0-255
CH310	Auxiliary Gold 12-4	0-255
CH311	Auxiliary White 12-5	0-255
CH312	Auxiliary Gold 12-5	0-255
CH313	Auxiliary White 12-6	0-255
CH314	Auxiliary Gold 12-6	0-255

DMX 512 329Chs

Channel	Value	Function
CH1	Tilt 1	0-255

CH2	Fine Tilt 1	0-255
CH3	Tilt 2	0-255
CH4	Fine Tilt 2	0-255
CH5	Tilt 3	0-255
CH6	Fine Tilt 3	0-255
CH7	Tilt 4	0-255
CH8	Fine Tilt 4	0-255
CH9	Tilt 5	0-255
CH10	Fine Tilt 5	0-255
CH11	Tilt 6	0-255
CH12	Fine Tilt 6	0-255
CH13	Tilt 7	0-255
CH14	Fine Tilt 7	0-255
CH15	Tilt 8	0-255
CH16	Fine Tilt 8	0-255
CH17	Tilt 9	0-255
CH18	Fine Tilt 9	0-255
CH19	Tilt 10	0-255
CH20	Fine Tilt 10	0-255
CH21	Tilt 11	0-255
CH22	Fine Tilt 11	0-255
CH23	Tilt 12	0-255
CH24	Fine Tilt 12	0-255
CH25	Tilt Speed	0-255
CH26	Tilt Macro	0-255
CH27	CTO	0-255
CH28	Color Macro	0-255
CH29	Pattern	0-255
CH30	LED built-in effect	0-255
CH31	LED built-in speed	0-255
CH32	LED built-in delay	0-255

CH33	Background color	0-255
CH34	Background color dimmer	0-255
CH35	Background color fine dimmer	0-255
CH36	Dimmer	0-255
CH37	Fine Dimmer	0-255
CH38	Strobe	0-255
CH39	Auxiliary LED Strobe	0-255
CH40	Zoom 1	0-255
CH41	Zoom 2	0-255
CH42	Zoom 3	0-255
CH43	Zoom 4	0-255
CH44	Zoom 5	0-255
CH45	Zoom 6	0-255
CH46	Zoom 7	0-255
CH47	Zoom 8	0-255
CH48	Zoom 9	0-255
CH49	Zoom 10	0-255
CH50	Zoom 11	0-255
CH51	Zoom 12	0-255
CH52	Control	0-255
CH53	Red	0-255
CH54	Fine Red	0-255
CH55	Green	0-255
CH56	Fine Green	0-255
CH57	Blue	0-255
CH58	Fine Blue	0-255
CH59	White	0-255
CH60	Fine White	0-255
CH61	Dimmer 1	0-255

CH62	Fine Dimmer 1	0-255
CH63	Red 1	0-255
CH64	Fine Red 1	0-255
CH65	Green 1	0-255
CH66	Fine Green 1	0-255
CH67	Blue 1	0-255
CH68	Fine Blue 1	0-255
CH69	White 1	0-255
CH70	Fine White 1	0-255
CH71	Auxiliary White 1-1	0-255
CH72	Auxiliary Gold 1-1	0-255
CH73	Auxiliary White 1-2	0-255
CH74	Auxiliary Gold 1-2	0-255
CH75	Auxiliary White 1-3	0-255
CH76	Auxiliary Gold 1-3	0-255
CH77	Auxiliary White 1-4	0-255
CH78	Auxiliary Gold 1-4	0-255
CH79	Auxiliary White 1-5	0-255
CH80	Auxiliary Gold 1-5	0-255
CH81	Auxiliary White 1-6	0-255
CH82	Auxiliary Gold 1-6	0-255
CH83	Dimmer 2	0-255
CH84	Fine Dimmer 2	0-255
CH85	Red 2	0-255
CH86	Fine Red 2	0-255
CH87	Green 2	0-255
CH88	Fine Green 2	0-255
CH89	Blue 2	0-255
CH90	Fine Blue 2	0-255
CH91	White 2	0-255
CH92	Fine White 2	0-255

CH93	Auxiliary White 2-1	0-255
CH94	Auxiliary Gold 2-1	0-255
CH95	Auxiliary White 2-2	0-255
CH96	Auxiliary Gold 2-2	0-255
CH97	Auxiliary White 2-3	0-255
CJH98	Auxiliary Gold 2-3	0-255
CH99	Auxiliary White 2-4	0-255
CH100	Auxiliary Gold 2-4	0-255
CH101	Auxiliary White 2-5	0-255
CH102	Auxiliary Gold 2-5	0-255
CH103	Auxiliary White 2-6	0-255
CH104	Auxiliary Gold 2-6	0-255
CH105	Dimmer 3	0-255
CH106	Fine Dimmer 3	0-255
CH107	Red 3	0-255
CH108	Fine Red 3	0-255
CH109	Green 3	0-255
CH110	Fine Green 3	0-255
CH111	Blue 3	0-255
CH112	Fine Blue 3	0-255
CH113	White 3	0-255
CH114	Fine White 3	0-255
CH115	Auxiliary White 3-1	0-255
CH116	Auxiliary Gold 3-1	0-255
CH117	Auxiliary White 3-2	0-255
CH118	Auxiliary Gold 3-2	0-255
CH119	Auxiliary White 3-3	0-255
CH120	Auxiliary Gold 3-3	0-255
CH121	Auxiliary White 3-4	0-255
CH122	Auxiliary Gold 3-4	0-255
CH123	Auxiliary White 3-5	0-255

CH124	Auxiliary Gold 3-5	0-255
CH125	Auxiliary White 3-6	0-255
CH126	Auxiliary Gold 3-6	0-255
CH127	Dimmer 4	0-255
CH128	Fine Dimmer 4	0-255
CH129	Red 4	0-255
CH130	Fine Red 4	0-255
CH131	Green 4	0-255
CH132	Fine Green 4	0-255
CH133	Blue 4	0-255
CH134	Fine Blue 4	0-255
CH135	White 4	0-255
CH136	Fine White 4	0-255
CH137	Auxiliary White 3-1	0-255
CH138	Auxiliary Gold 3-1	0-255
CH139	Auxiliary White 3-2	0-255
CH140	Auxiliary Gold 3-2	0-255
CH141	Auxiliary White 3-3	0-255
CH142	Auxiliary Gold 3-3	0-255
CH143	Auxiliary White 3-4	0-255
CH144	Auxiliary Gold 3-4	0-255
CH145	Auxiliary White 3-5	0-255
CH146	Auxiliary Gold 3-5	0-255
CH147	Auxiliary White 3-6	0-255
CH148	Auxiliary Gold 3-6	0-255
CH149	Dimmer 5	0-255
CH150	Fine Dimmer 5	0-255
CH151	Red 5	0-255
CH152	Fine Red 5	0-255
CH153	Green 5	0-255
CH154	Fine Green 5	0-255

CH155	Blue 5	0-255
CH156	Fine Blue 5	0-255
CH157	White 5	0-255
CH158	Fine White 5	0-255
CH159	Auxiliary White 5-1	0-255
CH160	Auxiliary Gold 5-1	0-255
CH161	Auxiliary White 5-2	0-255
CH162	Auxiliary Gold 5-2	0-255
CH163	Auxiliary White 5-3	0-255
CH164	Auxiliary Gold 5-3	0-255
CH165	Auxiliary White 5-4	0-255
CH166	Auxiliary Gold 5-4	0-255
CH167	Auxiliary White 5-5	0-255
CH168	Auxiliary Gold 5-5	0-255
CH169	Auxiliary White 5-6	0-255
CH170	Auxiliary Gold 5-6	0-255
CH171	Dimmer 6	0-255
CH172	Fine Dimmer 6	0-255
CH173	Red 6	0-255
CH174	Fine Red 6	0-255
CH175	Green 6	0-255
CH176	Fine Green 6	0-255
CH177	Blue 6	0-255
CH178	Fine Blue 6	0-255
CH179	White 6	0-255
CH180	Fine White 6	0-255
CH181	Auxiliary White 6-1	0-255
CH182	Auxiliary Gold 6-1	0-255
CH183	Auxiliary White 6-2	0-255
CH184	Auxiliary Gold 6-2	0-255
CH185	Auxiliary White 6-3	0-255

CH268	Fine White 10	0-255
CH269	Auxiliary White 11-1	0-255
CH270	Auxiliary Gold 11-1	0-255
CH271	Auxiliary White 11-2	0-255
CH272	Auxiliary Gold 11-2	0-255
CH273	Auxiliary White 11-3	0-255
CH274	Auxiliary Gold 11-3	0-255
CH275	Auxiliary White 11-4	0-255
CH276	Auxiliary Gold 11-4	0-255
CH277	Auxiliary White 11-5	0-255
CH278	Auxiliary Gold 11-5	0-255
CH279	Auxiliary White 11-6	0-255
CH280	Auxiliary Gold 11-6	0-255
CH281	Dimmer 11	0-255
CH282	Fine Dimmer 11	0-255
CH283	Red 11	0-255
CH284	Fine Red 11	0-255
CH285	Green 11	0-255
CH286	Fine Green 11	0-255
CH287	Blue 11	0-255
CH288	Fine Blue 11	0-255
CH289	White 11	0-255
CH290	Fine White 11	0-255
CH291	Auxiliary White 11-1	0-255
CH292	Auxiliary Gold 11-1	0-255
CH293	Auxiliary White 11-2	0-255
CH294	Auxiliary Gold 11-2	0-255
CH295	Auxiliary White 11-3	0-255
CH296	Auxiliary Gold 11-3	0-255
CH297	Auxiliary White 11-4	0-255
CH298	Auxiliary Gold 11-4	0-255

CH299	Auxiliary White 11-5	0-255
CH300	Auxiliary Gold 11-5	0-255
CH301	Auxiliary White 11-6	0-255
CH302	Auxiliary Gold 11-6	0-255
CH303	Dimmer 12	0-255
CH304	Fine Dimmer 12	0-255
CH305	Red 12	0-255
CH306	Fine Red 12	0-255
CH307	Green 12	0-255
CH308	Fine Green 12	0-255
CH309	Blue 12	0-255
CH310	Fine Blue 12	0-255
CH311	White 12	0-255
CH312	Fine White 12	0-255
CH313	Auxiliary White 12-1	0-255
CH314	Auxiliary Gold 12-1	0-255
CH315	Auxiliary White 12-2	0-255
CH316	Auxiliary Gold 12-2	0-255
CH317	Auxiliary White 12-3	0-255
CH318	Auxiliary Gold 12-3	0-255
CH319	Auxiliary White 12-4	0-255
CH320	Auxiliary Gold 12-4	0-255
CH321	Auxiliary White 12-5	0-255
CH322	Auxiliary Gold 12-5	0-255
CH323	Auxiliary White 12-6	0-255
CH324	Auxiliary Gold 12-6	0-255
CH325	Auxiliary White	0-255
CH326	Auxiliary Gold	0-255
CH327	Auxiliary CTO	0-255
CH328	Auxiliary Effect	0-255
CH329	Auxiliary Speed	0-255

5. Trouble Shooting

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

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

1. Check the connection of power and main fuse.
2. Measure the mains voltage on the main connector.
3. Check the power on LED.

b. Not responding to DMX controller

1. DMX LED should be on. If not, check DMX connectors, cables to see if link properly.
2. If the DMX LED is on and no response to the channel, check the address settings and DMX polarity.
3. If you have intermittent DMX signal problems, check the pins on connectors or on PCB of the unit or the previous one.
4. Try to use another DMX controller.
5. Check if the DMX cables run near or run alongside to high voltage cables that may cause damage or interference to DMX interface circuit.

6. Fixture Cleaning

The cleaning of internal and external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the unit's optics.

- **Clean with soft cloth using normal glass cleaning fluid.**
- **Always dry the parts carefully.**
- **Clean the external optics at least every 20 days. Clean the internal optics at least every 30/60 days.**