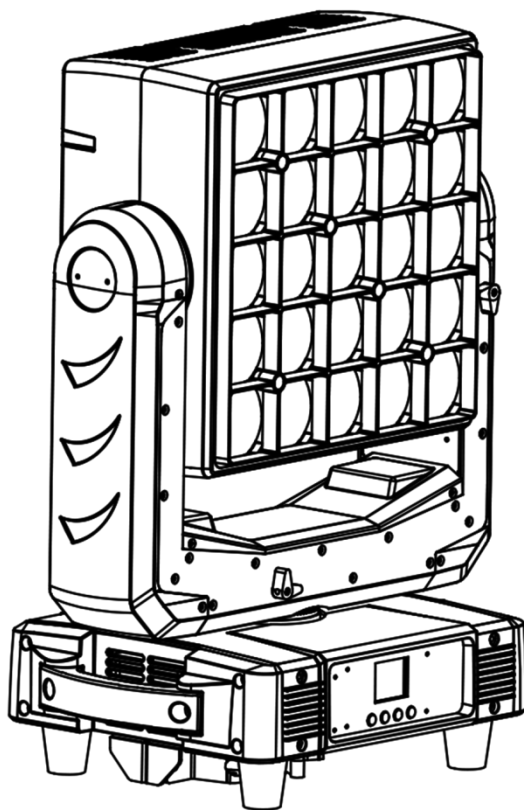


2540Z

25×40W Matrix Zoom Wash



USER MANUAL

Please read manual carefully before use

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Thank you for choosing our LED lights. Each facility has been rigorously tested. Please check whether the facility has been damaged during transportation. If you find any parts are missing or broken, please contact the manufacturer immediately. Please do not return the product without any notice!

1.Safety Instructions



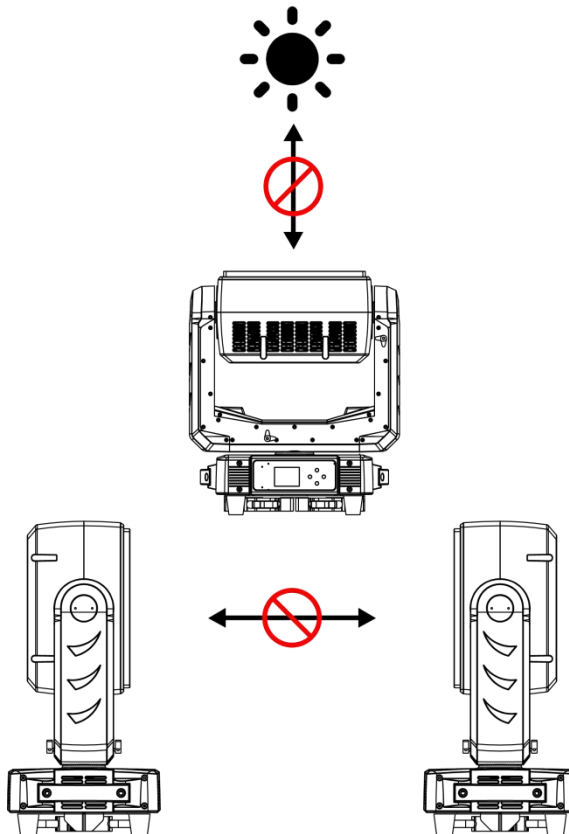
Please read this manual carefully, which includes important information on installation, use and maintenance.

Attention

- Please keep this USER MANUAL for future consultation. If you sell the facility to another user, be sure that they also receive this USER MANUAL.
- Please open and check in details and make sure there is no transportation damage.
- Before operating, ensure that the voltage and frequency of power supply match the power requirements of the facility.
- It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- The facility must be installed in a location with adequate ventilation, at least 50 cm from adjacent surfaces. Be sure that no ventilation slots are blocked.
- Make sure the power is disconnected before removing the facility.
- Make sure there are no flammable materials close to the unit while operating as it is fire hazard.
- Use safety cable when fixes this facility. Do not handle the facility by taking its head only, but always by taking its base.
- Maximum ambient temperature is 40 °C . Do not operate it where the temperature is higher than this.
- Please stop using the facility for serious operating problems. Stop using the facility immediately. Never try to repair the facility by yourself, but be a professional technician. Please contact the supplier's service department

for technical support.

- Do not touch any wire during operation as high voltage might be causing electric shock.
- When the housing or lens is damaged, it must be replaced.
- Direct sunlight or any other strong light source penetrating the lens of the light will cause serious internal damage to the facility. During unpacking, installation, use and long-term outdoor idleness, it is forbidden to expose the lens of the facility to direct sunlight or any other strong light source at any angle. It is forbidden to aim the beam of one light directly at another light.



Caution

There are no accessories available, do not open the housing and try to repair the facilities yourself. Please contact our company for after service.

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.

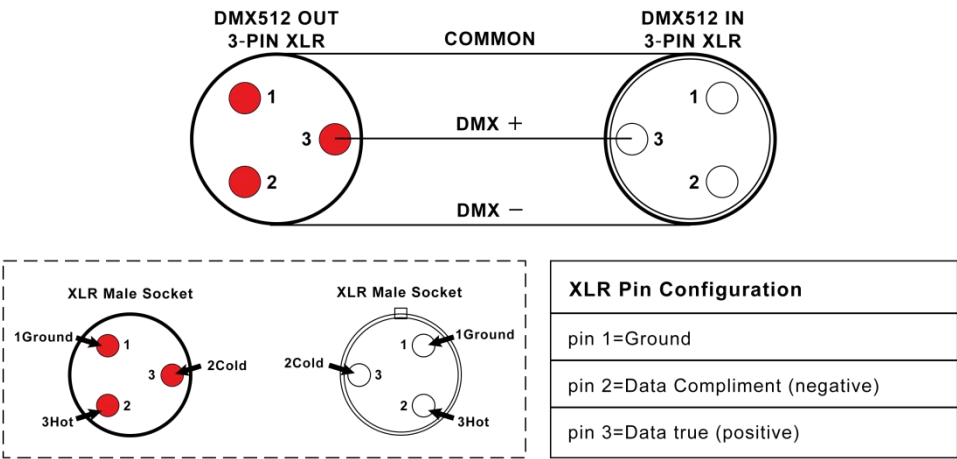
The facility must be installed by professionals, and keep it far away from fire, walking road, and easy touched place.

2. Technical Specification

Light Source	25 x 40W 4in1 RGBW LED
LED Lifetime	≥ 50000H
Power Voltage	AC100-240V , 50-60Hz
Power Consumption	900W,Power factor PF ≥ 0.95
Beam Angle	3°~45°,Glass light guider + PMMA high quality optical lens
Control Modes	DMX512/ Auto/ Sound/ Master/ Manual/ RDM/ ArtNet (optional)
DMX Channel	20/ 24/ 34/ 134/ 111 Channel
Protection Rating	IP20
Display	2.4 ° TFT Color Display,Chinese and English modes

	can be switched, and can be rotated 180 degree		
Data In/Out Socket	3-pin & 5-pin XLR sockets		
Security protection	Over current, over voltage, over heat protection,Pan&Tilt fixed lock		
Power Socket	Power-Con in/ out		
Housing Material	ABS High temperature resistant plastics		
Pan	540°,Accuracy 2.11 ° /step, fine-tuning accuracy: 0.008°		
Tilt	270°,Accuracy 0.86 ° /step, fine-tuning accuracy: 0.0034°		
photoelectric reset system	Pan&Tilt infinite rotation		
MAX. Connection	4 units (240V, 50Hz) 2.5mm ² power cable		
	2 units (100V, 60Hz) 2.5mm ² power cable		
Electronic control technology	Menu or console control lamp reset; 0-100% dimming; constant current drive mode; temperature sensor detection, intelligent adjustment of light source power; lamp information query; intelligent fan speed control		
Work Temperature	-10℃~45℃		
Dimension	376mm×270mm×599.5mm		
Net Weight	23.5kg		
Carton Package	530mm*420mm*595mm	1in1	GW: 27.5kg
Flight Case	780mm*495mm*760mm	2in1	GW: 83.5kg
Features	Full light range dimming, 65536-level dimming accuracy. Fast strobe 1-25Hz.LED single control,Can display numbers, letters, arrows and other graphics;Preset multiple color macro; Preset multiple effect macro		
Configuration	Signal cable 1pc		
	Power cable 1pc		
	Manual 1pc		

3. DMX Set Up



Pin1: Ground **pin2: Negative** **pin3: Positive**
DMX Connection

To ensure optimal transmission of DMX data, please connect facilities in the shortest way. The connection order won't affect the DMX address code. For example, if the address code is set to 1, no matter where the facility is connected, its address code will not change. This is determined by the principle of the DMX controller.

Operation method

You can operate in the following three modes:

- Auto mode - the light can automatically complete all color changes
- DMX control mode - each light can be individually controlled by a standard DMX512 console
- Master mode - any light can work as a host in any of the above modes, and the other lights will work synchronously as slaves

4. Display

There are four buttons on the LED panel: MENU, UP, DOWN, and ENTER.



MENU



UP



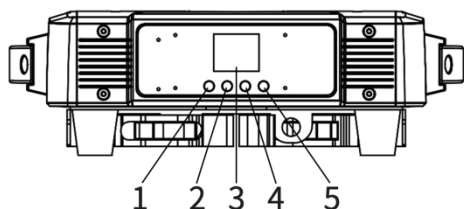
DOWN



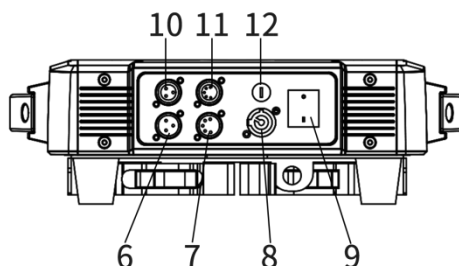
ENTER

Please press the "MENU" to exit or return to the previous menu, press "UP" or "DOWN" to select the upper and lower menus or adjust the values, and press "ENTER" to confirm.

FRONT VIEW



REAR VIEW



After powering on, the facility will automatically return to the last operation when it was powered off, then get into standby status. For more details, please refer to the information below↓

5. Menu

1-MENU 2-UP 3-DOWN 4-ENTER			
Menu	1.Pan Degree	1.540 2.360	Pan running angle selection
	2.Mic Sense	001--100	Sound sensitivity
	3.Pan Invert	1.NO 2.YES	Pan clockwise and counterclockwise setting
	4.Tilt Invert	1.NO 2.YES	Tilt clockwise and counterclockwise setting
	5.No Signal	1.BlackOut 2.Hold	
	6.Fan Set	1.Auto 2.Low 3.High	
	7.ArtNet Set	1.ArtNet Enable: 1.ON 2.OFF	
		2.Universe: 0-255	
		3.IP Mode: A.2.X.X.X Auto B.10.X.X.X Auto C.Custom	
		4.Custom IP:192.168.000.001	
		5.SubNet Mask: 255.000.000.000	
	8.Default	1.Yes	Factory setting
		2.No	
	9.Adjust	Pass Word: ****	Change the value of Pan/Tilt/Focus to correct the angle; change the value of
		1.Pan: 0-255	

		2.Tilt: 0-255	R/G/B/W to adjust the white balance.
		3.Focus: 0-255	
		4.Red: 0-255	
		5.Green: 0-255	
		6.Blue: 0-255	
		7.White: 0-255	
Addr	001-512		Setting the address from 001-512
Mode	1.DMX512		Setting control mode
	2.Auto		
	3.Sound		
	4.Manual	1.Pan: 0-255	Manual control
		2.Pan Rotation: 0-255	
		3.Tilt: 0-255	
		4.Tilt Rotation: 0-255	
		5.Focus: 0-255	
		6.Red1: 0-255	
		7.Green1: 0-255	
		8.Blue1: 0-255	
		9.White1: 0-255	
		10.Strobe1: 0-255	

		11.Red2: 0-255	
		12.Green2: 0-255	
		13.Blue2: 0-255	
		14.White2: 0-255	
		15.Strobe2: 0-255	
	5.Master/Alone	1.Master	Master/Alone
		2.Alone	
Channel	20CH	20Channels	Select channel mode
	24CH	24Channels	
	34CH	34Channels	
	134CH	134Channels	
	111CH	111Channels	
Display	Display	1.YES 2.NO	
Language	1.English		Choose language
	2.Chinese		
Reset	1.YES		Reset
	2.NO		
Inform	1.CH Value		Shown all channel information
	2.Tem**°C		Show the temperature of led board
	3.Soft V1.0		Show the version number

	4.IP	002.050.164.014	Default IP
	5.Mask	255.000.000.000	Default subnet mask

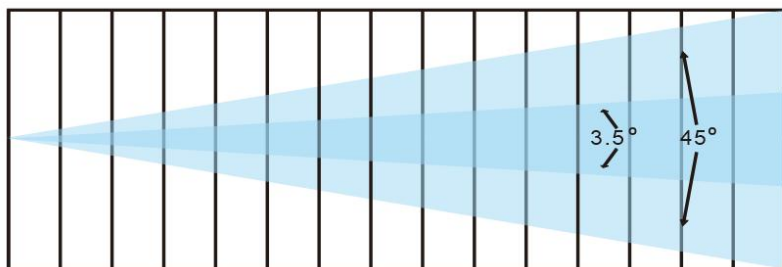
6. LUX Data

Beam Angle =3.5°

R lux	21000	14000	9450	4150
G lux	42300	30700	20500	9520
B lux	8860	6060	3890	1810
W lux	52200	36100	24800	11400
4in1 lux	113000	78200	54000	24800

Beam Angle =45°

R lux	8570	1190	418	178
G lux	17900	2650	991	430
B lux	3520	530	198	86.7
W lux	21300	3090	1150	508
4in1 lux	47200	6690	2560	1120



Distance (m)	1	3	5	8
Spot diameter (m) 3.5°	0.34	0.48	0.80	1.10
Spot diameter (m) 45°	1.20	2.30	4.00	

7. DMX Channel List

► 22CH Mode

CH	Function		DMX Value	Description
1	WASH	R	0-255	Red dimming
2		Red adjust	0-255	Red adjust
3		G	0-255	Green dimming
4		Green adjust	0-255	Green adjust
5		B	0-255	Blue dimming
6		Blue adjust	0-255	Blue adjust
7		W	0-255	White dimming
8		White adjust	0-255	White adjust
9	WASH	Color temperature	0-15	No function
			16-35	R100%, G UP, B0%
			36-55	R DOWN, G100%, B0%
			56-75	R0%, G100%, B UP
			76-95	R0%, G DOWN, B100%
			96-115	R UP, G0%, B100%
			116-135	R100%, G0%, B DOWN
			136-155	R100%, G UP, B UP
			156-175	R DOWN, G DOWN, B100%

CH	Function		DMX Value	Description
			176-195	R 100%, G 100%, B100%, W100%
			196-200	2800K
			201-205	3200K
			206-210	4000K
			211-215	4500K
			216-220	5000K
			221-225	5600K
			226-230	6500K
			231-235	7000K
			236-240	7500K
			241-255	8000K
10		Macro color	0-9	No function
			10-19	Macro color 1
			20-29	Macro color 2
			..... (10 numbers and 1 macro color)	.....
			240-249	Macro color 24
			250-255	Macro color 25
11		Dimmer	0-255	From dark to light
12		Dimmer adjust	0-255	Dimmer adjustment control

CH	Function		DMX Value	Description
13		Strobe	0-3	Strobe dimming
			4-203	Synchronous strobe speed from slow to fast (1Hz-25Hz)
			204-255	Random strobe
14	Pan		0-255	Pan control
15	Tilt		0-255	Tilt control
16	Pan infinite control		0-55	No function
			56-155	Clockwise pan infinite rotation from fast to slow
			156-255	Counterclockwise pan infinite rotation from slow to fast
17	Tilt infinite control		0-55	No function
			56-155	Clockwise Tilt infinite rotation from fast to slow
			156-255	Counterclockwise Tilt infinite rotation from slow to fast
18	Zoom		0-255	From narrow to wide
19	Dimming mode		0-49	Mode-1
			50-99	Mode-2
			100-149	Mode-3
			150-255	Mode-4
20	Reset		0-250	No function
			251-255	Reset within 5s

► **24CH Mode**

CH	Function		DMX Value	Description
1	Pan		0-255	Pan control
2	Tilt		0-255	Tilt control
3	Pan/Tilt speed		0-255	From fast to slow
4	Pan infinite control		0-55	No function
			56-155	Clockwise pan infinite rotation from fast to slow
			156-255	Counterclockwise pan infinite rotation from slow to fast
5	Tilt infinite control		0-55	No function
			56-155	Clockwise Tilt infinite rotation from fast to slow
			156-255	Counterclockwise Tilt infinite rotation from slow to fast
6	Zoom		0-255	From narrow to wide
7	WASH	Dimmer	0-255	From dark to light
		Strobe	0-3	Strobe dimming
8			4-203	Synchronous strobe speed from slow to fast (1Hz-25Hz)
			204-255	Random strobe
9		R dimming	0-255	From dark to light
10		G dimming	0-255	From dark to light
11		B dimming	0-255	From dark to light

CH	Function		DMX Value	Description
12		W dimming	0-255	From dark to light
13		Color temperature	0-15	No function
			16-35	R100%, G UP, B0%
			36-55	R DOWN, G100%, B0%
			56-75	R0%, G100%, B UP
			76-95	R0%, G DOWN, B100%
			96-115	R UP, G0%, B100%
			116-135	R100%, G0%, B DOWN
			136-155	R100%, G UP, B UP
			156-175	R DOWN, G DOWN, B100%
			176-195	R100%, G100%, B100%, W100%
			196-200	2800K
			201-205	3200K
			206-210	4000K
			211-215	4500K
			216-220	5000K
			221-225	5600K
			226-230	6500K
			231-235	7000K

CH	Function		DMX Value	Description
			236-240	7500K
			241-255	8000K
14		Macro color	0-9	No function
			10-19	Macro color 1
			20-29	Macro color 2
			..... (10 numbers and 1 macro color)	.....
			240-249	Macro color 24
			250-255	Macro color 25
15		Static pattern	0-2	No function
			3-5	Monochrome pattern 1
			6-8	Monochrome pattern 2
			..... (3 numbers and 1 pattern)	.....
			192-194	Monochrome pattern 65
			195-197	Mixed color pattern 1
			198-200	Mixed color pattern 2
			..... (3 numbers and 1 pattern)	.....
			213-215	Mixed color pattern 7
			216-255	Mixed color pattern 8

CH	Function		DMX Value	Description
16	Dynamic pattern		0-9	No function
			10-13	Monochrome dynamic pattern 1
			14-17	Monochrome dynamic pattern 2
			..... (4 numbers and 1 pattern)	.....
			189-192	Monochrome dynamic pattern 46
			193-196	Mixed color dynamic pattern 1
			197-200	Mixed color dynamic pattern 2
			..... (4 numbers and 1 pattern)	.....
			217-220	Mixed color dynamic pattern 7
			221-255	Mixed color dynamic pattern 8
17	Pattern movement (with 16 CH)		0-255	Selecting a dynamic pattern scene
18	Dynamic pattern speed (with 16 CH)		0-9	No function
			10-132	Clockwise, from fast to slow
			133-255	Counterclockwise, from slow to fast
19	Background R		0-255	From dark to light
20	Background G		0-255	From dark to light
21	Background B		0-255	From dark to light
22	Background W		0-255	From dark to light

CH	Function	DMX Value	Description
23	Dimming mode	0-49	Mode -1
		50-99	Mode -2
		100-149	Mode -3
		150-255	Mode -4
24	Reset	0-250	No function
		251-255	Reset within 5s

► 34CH Mode

CH	Function	DMX Value	Description
1	Pan	0-255	Pan adjustment
2	Pan adjustment	0-255	Pan fine adjustment
3	Tilt	0-255	Tilt adjustment
4	Tilt adjustment	0-255	Tilt fine adjustment
5	Pan/ Tilt Speed	0-255	From fast to slow
6	Pan infinite control	0-55	No function
		56-155	Clockwise pan infinite rotation from fast to slow
		156-255	Counterclockwise pan infinite rotation from slow to

CH	Function		DMX Value	Description
				fast
7	Tilt infinite control		0-55	No function
			56-155	Clockwise Tilt infinite rotation from fast to slow
			156-255	Counterclockwise Tilt infinite rotation from slow to fast
8	Zoom		0-255	From narrow to wide
9	WASH	Dimmer	0-255	From dark to light
10		Dimmer adjust	0-255	Dimmer adjustment control
11		Strobe	0-3	Strobe dimming
			4-203	Synchronous strobe speed from slow to fast (1Hz-25Hz)
			204-255	Random strobe
12		R	0-255	Red dimming
13		Red adjust	0-255	Red adjust
14		G	0-255	Green dimming
15		Green adjust	0-255	Green adjust
16		B	0-255	Blue dimming
17		Blue adjust	0-255	Blue adjust
18		W	0-255	White dimming
19		White adjust	0-255	White adjust
20		Dimming mode	0-49	Mode -1

CH	Function		DMX Value	Description
			50-99	Mode -2
			100-149	Mode -3
			150-255	Mode -4
21		Color temperature	0-15	No function
			16-35	R100%, G UP, B0%
			36-55	R100%, G UP, B0%
			56-75	R DOWN, G100%, B0%
			76-95	R0%, G100%, B UP
			96-115	R0%, G DOWN, B100%
			116-135	R UP, G0%, B100%
			136-155	R100%, G0%, B DOWN
			156-175	R100%, G UP, B UP
			176-195	R DOWN, G DOWN, B100%
			196-200	R 100%, G 100%, B100%, W100%
			201-205	3200K
			206-210	4000K
			211-215	4500K
			216-220	5000K
			221-225	5600K

CH	Function		DMX Value	Description
			226-230	6500K
			231-235	7000K
			236-240	7500K
			241-255	8000K
22		Macro color	0-9	No function
			10-19	Macro color 1
			20-29	Macro color 2
			..... (10 numbers and 1 macro color)	.....
			240-249	Macro color 24
			250-255	Macro color 25
23		Static pattern	0-2	No function
			3-5	Monochrome pattern 1
			6-8	Monochrome pattern 2
			..... (3 numbers and 1 pattern)	.....
			192-194	Monochrome pattern 65
			195-197	Mixed color pattern 1
			198-200	Mixed color pattern 2
			..... (3 numbers and 1 pattern)	No function
			213-215	Mixed color pattern 7

CH	Function		DMX Value	Description
			216-255	Mixed color pattern 8
24	Dynamic pattern		0-9	No function
			10-13	Monochrome dynamic pattern 1
			14-17	Monochrome dynamic pattern 2
			..... (4 numbers and 1 pattern)	.....
			189-192	Monochrome dynamic pattern 46
			193-196	Mixed color dynamic pattern 1
			197-200	Mixed color dynamic pattern 2
			..... (4 numbers and 1 pattern)	.....
			217-220	Mixed color dynamic pattern 7
			221-255	Mixed color dynamic pattern 8
25	Pattern movement (with 24 CH)		0-255	Selecting a dynamic pattern scene
26	Dynamic pattern speed (with 24 CH)		0-9	No function
			10-132	Clockwise, from fast to slow
			133-255	Counterclockwise, from slow to fast
27	Pattern fade		0-255	Pattern fade
28	Background dimmer		0-255	Background 0-100% dimming
29	Background strobe		0-255	Background strobe
30	Background R		0-255	Pattern red

CH	Function		DMX Value	Description
31		Background G	0-255	Pattern green
32		Background B	0-255	Pattern blue
33		Background W	0-255	Pattern white
34	Reset		0-250	No function
			251-255	Reset within 5s

► 134CH Mode

CH	Function	DMX Value	Description
1	Pan	0-255	Pan adjustment
2	Pan adjustment	0-255	Pan fine adjustment
3	Tilt	0-255	Tilt adjustment
4	Tilt adjustment	0-255	Tilt fine adjustment
5	Pan/ Tilt Speed	0-255	From fast to slow
6	Pan infinite control	0-55	No function
		56-155	Clockwise pan infinite rotation from fast to slow
		156-255	Counterclockwise pan infinite rotation from slow to fast
7	Tilt infinite control	0-55	No function
		56-155	Clockwise Tilt infinite rotation from fast to slow
		156-255	Counterclockwise Tilt infinite rotation from slow to fast

CH	Function		DMX Value	Description
8	Zoom		0-255	From narrow to wide
9	WASH	Dimmer	0-255	From dark to light
10		Dimmer adjust	0-255	Dimmer adjustment control
11		Strobe	0-3	Strobe dimming
			4-203	Synchronous strobe speed from slow to fast (1Hz-25Hz)
			204-255	Random strobe
12		R	0-255	Red dimming
13		Red adjust	0-255	Red adjust
14		G	0-255	Green dimming
15		Green adjust	0-255	Green adjust
16		B	0-255	Blue dimming
17		Blue adjust	0-255	Blue adjust
18		W	0-255	White dimming
19		White adjust	0-255	Green adjust
20		Dimming mode	0-49	Mode -1
			50-99	Mode -2
			100-149	Mode -3
			150-255	Mode -4
21		Color temperature	0-15	No function

CH	Function		DMX Value	Description
			16-35	R100%, G UP, B0%
			36-55	R DOWN, G100%, B0%
			56-75	R0%, G100%, B UP
			76-95	R0%, G DOWN, B100%
			96-115	R UP, G0%, B100%
			116-135	R100%, G0%, B DOWN
			136-155	R100%, G UP, B UP
			156-175	R DOWN, G DOWN, B100%
			176-195	R 100%, G 100%, B100%, W100%
			196-200	2800K
			201-205	3200K
			206-210	4000K
			211-215	4500K
			216-220	5000K
			221-225	5600K
			226-230	6500K
			231-235	7000K
			236-240	7500K
			241-255	8000K

CH	Function		DMX Value	Description
22		Macro color	0-9	No function
			10-19	Macro color 1
			20-29	Macro color 2
			..... (10 numbers and 1 macro color)	.....
			240-249	Macro color 24
			250-255	Macro color 25
23		Static pattern	0-2	No function
			3-5	Monochrome pattern 1
			6-8	Monochrome pattern 2
			..... (3 numbers and 1 pattern)	.....
			192-194	Monochrome pattern 65
			195-197	Mixed color pattern 1
			198-200	Mixed color pattern 2
			..... (3 numbers and 1 pattern)	.....
			213-215	Mixed color pattern 7
			216-255	Mixed color pattern 8
24		Dynamic pattern	0-9	No function
			10-13	Monochrome dynamic pattern 1
			14-17	dynamic pattern 2

CH	Function		DMX Value	Description
			..... (4 numbers and 1 pattern)	.....
			189-192	Monochrome dynamic pattern 46
			193-196	Mixed color dynamic pattern 1
			197-200	Mixed color dynamic pattern 2
			..... (4 numbers and 1 pattern)	.....
			217-220	Mixed color dynamic pattern 7
			221-255	Mixed color dynamic pattern 8
25		Pattern movement (with 24 CH)	0-255	Selecting a dynamic pattern scene
26		Dynamic pattern speed (with 24 CH)	0-9	No function
			10-132	Clockwise, from fast to slow
			133-255	Counterclockwise, from slow to fast
27		Pattern fade	0-255	Pattern fade
28		Background dimmer	0-255	Background 0-100% dimming
29		Background strobe	0-255	Background strobe
30		Background R	0-255	Pattern red
31		Background G	0-255	Pattern green
32		Background B	0-255	Pattern blue
33		Background W	0-255	Pattern white
34	Reset		0-250	No function

CH	Function		DMX Value	Description
			251-255	Reset within 5s
35	WASH	R1 LED dimmer	0-255	R1 LED dimming
36		G1 LED dimmer	0-255	G1 LED dimming
37		B1 LED dimmer	0-255	B1 LED dimming
38		W1 LED dimmer	0-255	W1 LED dimming
.....	
131		R25 LED dimmer	0-255	R19 LED dimming
132		G25 LED dimmer	0-255	G19 LED dimming
133		B25 LED dimmer	0-255	B19 LED dimming
134		W25 LED dimming	0-255	W19 LED dimming

► **111CH Mode (ArtNet Mode, 1~11 channels are controlled by DMX512, 12~111 channels are controlled by ArtNet)**

CH	Function	DMX Value	Description
1	Pan	0-255	Pan adjustment
2	Pan adjustment	0-255	Pan fine adjustment

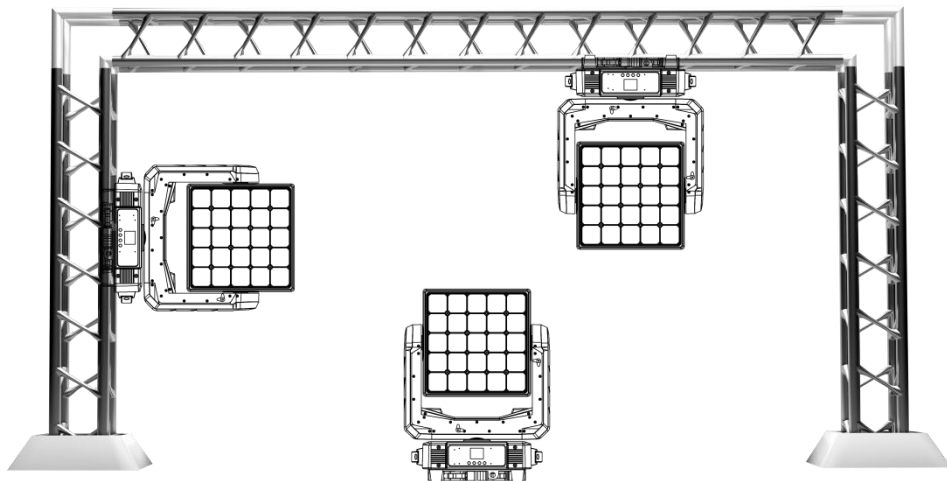
CH	Function		DMX Value	Description
3	Tilt		0-255	Tilt adjustment
4	Tilt adjustment		0-255	Tilt fine adjustment
5	Pan/ Tilt Speed		0-255	From fast to slow
6	Pan infinite control		0-55	No function
			56-155	Clockwise pan infinite rotation from fast to slow
			156-255	Counterclockwise pan infinite rotation from slow to fast
7	Tilt infinite control		0-55	No function
			56-155	Clockwise Tilt infinite rotation from fast to slow
			156-255	Counterclockwise Tilt infinite rotation from slow to fast
8	Zoom		0-255	From narrow to wide
9	Reset		0-250	No function
			251-255	Reset within 5s
10	WASH (DMX512 control)	Dimmer	0-255	From dark to light
11		Strobe	0-3	Strobe dimming
			4-203	Synchronous strobe speed from slow to fast (1Hz-25Hz)
			204-255	Random strobe
12	WASH (ArtNet control)	R1 LED dimmer	0-255	R1 LED dimming
13		G1 LED dimmer	0-255	G1 LED dimming
14		B1 LED dimmer	0-255	B1 LED dimming

CH	Function		DMX Value	Description
15		W1 LED dimmer	0-255	W1 LED dimming
.....	
108		R25 LED dimmer	0-255	R19 LED dimming
109		G25 LED dimmer	0-255	G19 LED dimming
110		B25 LED dimmer	0-255	B19 LED dimming
111		W25 LED dimming	0-255	W19 LED dimming

8. Mounting

When installing the unit, the trussing or area of installation must be able to hold 10 times the weight without any deformation. When installing the unit must be secured with a secondary safety attachment, e.g. an appropriate safety cable. Never stand directly under the facility while mounting, uninstalling or repairing facilities.

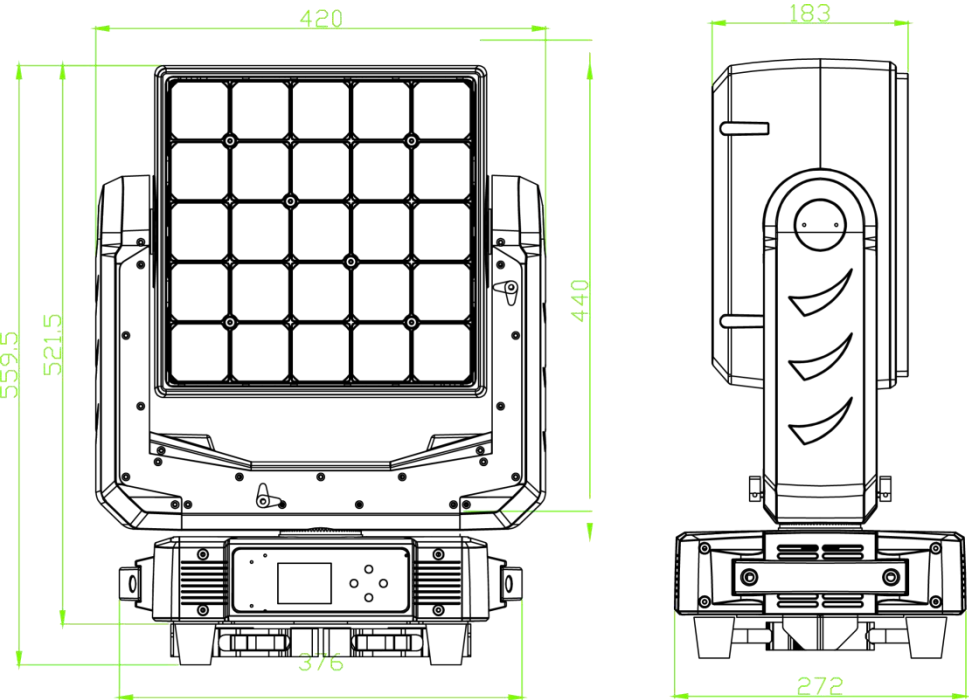
High-altitude mounting requires for extensive experience, including working load limits calculating , installation material, and periodic safety check of installation materials and facilities. If you're lack of mentioned qualifications, do not attempt the installation yourself. These installation should be checked by a skilled person annually.



2540Z works properly in above different mounting, hanging upside-down from a ceiling, sideways on trussing, or set on smooth horizontal surface. Be sure this facility is at least 12m (40ft) away from flammable materials (decoration etc.). Always use and install the safety cable to prevent accidental damage or injury from the facility failure. Never use handles for secondary attachment.

NOTICE: The suitable environment temperature of the facility is from -25° C to 45° C. Do not place this facility in an environment where the temperatures are under or above the temperatures stated. This will help the fixture run at its best and extend the lifetime.

9. Product Size



10. Attention

1. When the facility is powered on, please avoid looking directly at the facility.
2. When assembling/ replacing LED, be sure to cut off the main power of facilities before opening the cover upon the LED board.

11. 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 status of power connection and fuse.
2. Check the voltage.
3. Check the power indicator.

B. No response to DMX controller

1. If the display screen flashes, check the DMX signal connector and signal line whether the connection is correct.
1. If the display screen does not flash, but no response to channel control, check whether the address code or channel setting is correct.
1. If the DMX signal transmission is intermittent, check if the XLR and DMX cables are in good condition.
2. Try using another controller.
3. Check if the DMX cables is too close to the high-voltage wire, which may damage or interfere with the signal circuit.
6. The facility has not completed the self-check.

C. One of the channels is not working well

1. The stepper motor might be damaged or the cable connected to the PCB is broken.
2. The motor's drive IC on the PCB might be out of condition.

12. Fixture Cleaning

The lens and diffuser should be clean frequently to get better light effect. Wipe frequency according to the environment. Humidity, excessive smoke, and dirty environment will make lens dusty.

- Use soft cloth and special glass cleaner.
- Wipe lens surface at least every 30 days.
- Use vacuum cleaners or air guns to clean the interior structure of the facility, at least twice a year.



Warning:

To avoid the danger of lighting strikes and fire, please do not place the facility in a humid environment. Do not disassemble it without permission, otherwise, the manufacturer will not provide warranty. If the facility fails, please contact the manufacturer first.

Product Warranty Card

Product: 25x40W Matrix Zoom Wash

Model NO.: 2540Z

Manufacture Date:

User:

Purchase Date:

Manufacturer:

Sales Store:

Address:

ATTN.:

ATTN.:

Phone:

Phone:

Note: The above blank must be filled in and sealed by the end user or sales point, otherwise no warranty will be provided. (Below please check the warranty period and terms)

Warranty Period: This facility is warranted for 2 years from the date of purchase.

Warranty Terms:

1. Except for man-made damage and natural disasters
2. If the facility fails to function properly during the warranty period, please contact our after service department or our local distributor directly.
 - 1) Fail to present a valid warranty card.
 - 2) Omissions, alterations, and trade sales names on the warranty card.
 - 3) Failures and damage caused by force majeure.
 - 4) Failures and damage caused during transportation and handling.
 - 5) Failures and damage caused by failure to follow the instructions for use.
 - 6) Failures and damage caused by disassembly, repair, and modification of the product without the manufacturer's authorization or by non-professionals.
 - 7) Failures caused by the use of accessories not approved by the factory or not matched by the factory.

▲ Thank you for reading this manual. Please keep it for future reference.