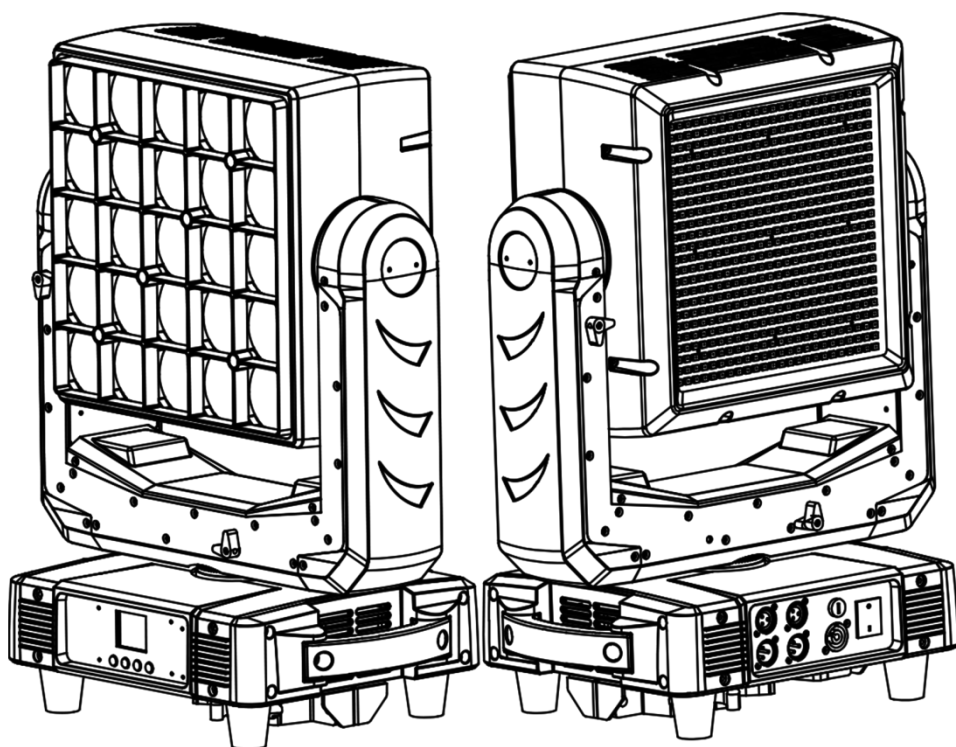


2540DZ

25×40W Matrix Zoom Wash& Strobe



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



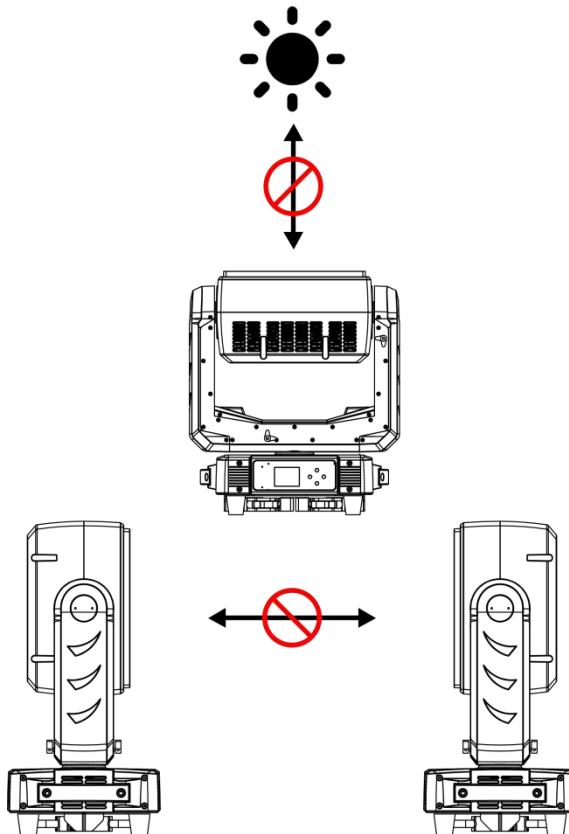
Please read this manual carefully, which includes important information on installation, use and maintenance.

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.

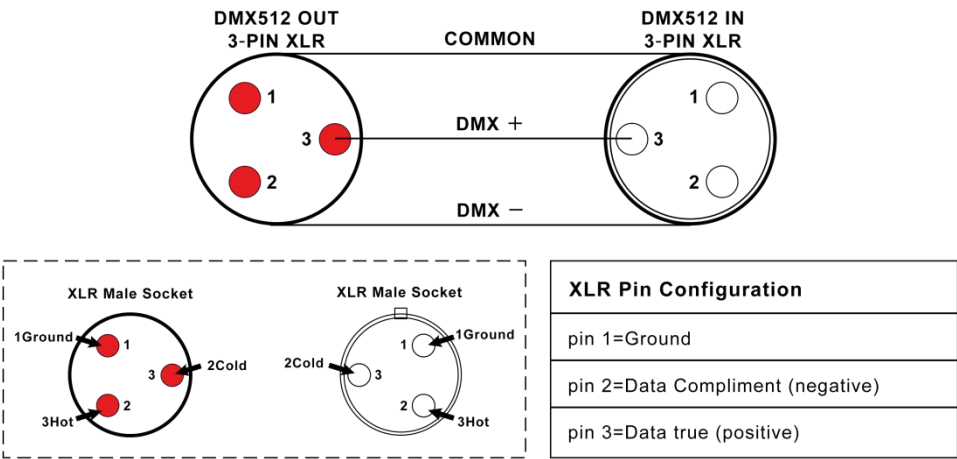
The facility must be installed by professionals, and keep it far away from fire, walking road, and easy touched place.

2. Technical Specification

Light Source	25 x 40W 4in1 RGBW LED,576 x 0.2W 4in1 RGBW
LED Lifetime	≥ 50000H
Power Voltage	AC100-240V , 50-60Hz
Power Consumption	1100W,Power factor PF ≥ 0.95
Beam Angle	3.5°~45°,Glass light guider + PMMA high quality optical lens
Control Modes	DMX512/ Auto/ Sound/ Master/ Manual/ RDM/ ArtNet (optional)
DMX Channel	26/ 33/ 43/ 143/120 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		
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		
Dimension	420mm*272mm*599.5mm		
Net Weight	24kg		
Carton Package	530mm*420mm*600mm	1in1	GW: 28 kg
Flight Case	780mm*495mm*760mm	2in1	GW: 84.5 kg
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.

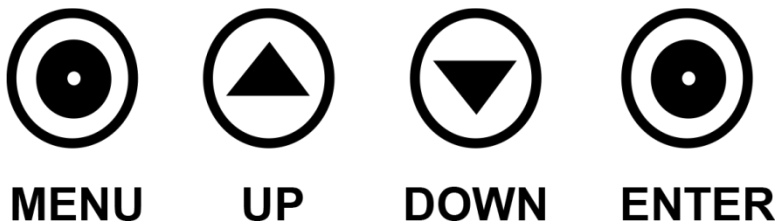
Operation method

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

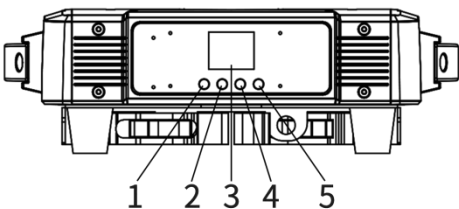
4. Display

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

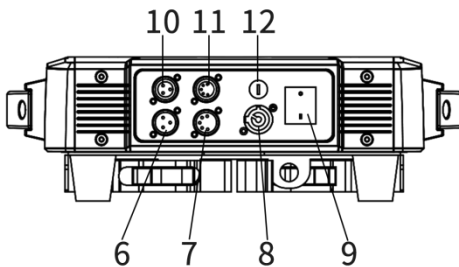


Please press the "MENU" to exit or return to the previous menu, press "UP" or "DOWN" to select the upper and lower menus or adjust the values, and press "ENTER" to confirm.

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 R/G/B/W to adjust the white balance.
		1.Pan: 0-255	
		2.Tilt: 0-255	
		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	26CH	26Channels	Select channel mode
	33CH	33Channels	
	43CH	43Channels	
	143CH	143Channels	
	120CH	120Channels	
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

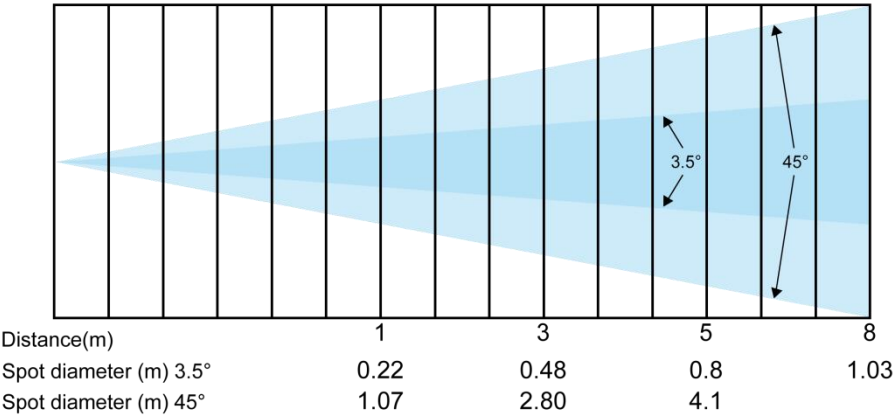
6. LUX Data

Min Zoom range = 3.5°

R lux	13200	4410	1520	655
G lux	32300	11300	3850	1610
B lux	6140	2150	720	302
W lux	40000	14300	4780	2000
4in1 lux	78000	28700	9700	4050

Min Zoom range = 45°

R lux	2340	245	110	41
G lux	5240	602	240	94
B lux	1010	117	48	18
W lux	6430	710	310	112
4in1 lux	13000	1450	603	230



7. DMX Channel List

► 26CH 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%
			176-195	R 100%, G 100%, B100%, W100%
			196-200	2800K

CH	Function		DMX Value	Description
			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 one type)	.....
			240-249	Macro color 24
			250-255	Macro color 25
11		Dimmer	0-255	From dark to bright
12		Dimmer adjust	0-255	Dimmer adjustment control
13		Strobe	0-3	Strobe dimming
	4-203		Synchronous strobe speed from slow to fast (1Hz-25Hz)	
	204-255		Random strobe	
14	Strobe	R dimmer	0-255	From dark to bright
15		G dimmer	0-255	From dark to bright

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

► 33CH 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 infinite rotation from slow to fast
			156-255	Counterclockwise infinite rotation from slow to fast
5	Tilt infinite control		0-55	No function
			56-155	Clockwise infinite rotation from slow to fast
			156-255	Counterclockwise infinite rotation from slow to fast
6	Zoom		0-255	From narrow to wide
7	WASH	Dimmer	0-255	From dark to bright
8		Strobe	0-3	Strobe dimming
			4-203	Synchronous strobe speed From slow to fast (1Hz-25Hz)
			204-255	Random strobe
9		R dimmer	0-255	From dark to bright
10		G dimmer	0-255	From dark to bright
11		B dimmer	0-255	From dark to bright
12		W dimmer	0-255	From dark to bright
13		Color temperature	36-55	R DOWN, G100%, B0%
			56-75	R0%,G100%,B UP

CH	Function		DMX Value	Description
			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
			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

CH	Function		DMX Value	Description
			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
			16	Dynamic pattern	0-9	No function
10-13		Monochrome dynamic pattern 1		
14-17		Monochrome dynamic pattern 2		
..... (5 numbers and 1 pattern)		.....	
189-192		Monochrome dynamic pattern 46		
193-196		Mixed color dynamic pattern 1		
197-200		Mixed color dynamic pattern 2		
..... (5 numbers and 1 pattern)		.....	
217-220		Mixed color dynamic pattern 7		

CH	Function		DMX Value	Description
			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 bright
20		Background G	0-255	From dark to bright
21		Background B	0-255	From dark to bright
22		Background W	0-255	From dark to bright
23		Strobe	Dimmer	0-255	From dark to bright
24	Strobe		0-3	Strobe dimming
			4-203	Synchronous strobe speed from slow to fast (1Hz-25Hz)
			204-255	Random strobe
25	R dimming		0-255	From dark to bright
26	G dimming		0-255	From dark to bright
27	B dimming		0-255	From dark to bright
28	W dimming		0-255	From dark to bright
29	Pattern effect		0-255	From dark to bright
30	Pattern movement (with 29 CH)		0-255	Select a pattern scene
31	Pattern Auto-speed (with 29 CH)	0-255	Select a pattern scene	
32	Dimming mode		0-49	Mode -1
			50-99	Mode -2

CH	Function	DMX Value	Description
		100-149	Mode -3
		150-255	Mode -4
33	Reset	0-250	No function
		251-255	Reset within 5s

► 43CH 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 infinite rotation from slow to fast
			156--255	Counterclockwise infinite rotation from slow to fast
7	Tilt infinite control		0--55	No function
			56--155	Clockwise infinite rotation from slow to fast
			156--255	Counterclockwise infinite rotation from slow to fast
8	Zoom		0-255	From narrow to wide
9	Positive	Dimmer	0-255	From dark to bright
10		Dimmer adjust	0-255	Dimmer adjustment control
11		Strobe	0-3	Strobe dimming

CH	Function		DMX Value	Description
			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
			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	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	

CH	Function		DMX Value	Description
			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
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	.....

CH	Function		DMX Value	Description
			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	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 13
			221-255	Mixed color dynamic pattern 14
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

CH	Function		DMX Value	Description
			133-255	Counterclockwise, from slow to fast
27		Pattern fade	0-255	Pattern effect fade
28		Background dimming	0-255	Background 0-100% dimming
29		Background strobe	0-255	Background strobe
30		Background color R	0-255	Pattern effect red
31		Background color G	0-255	Pattern effect green
32		Background color B	0-255	Pattern effect blue
33		Background color W	0-255	Pattern effect white
34	Strobe	Dimmer	0-255	From dark to bright
35		Strobe	0-3	Strobe dimming
			4-203	Synchronous strobe speed from slow to fast (1Hz-25Hz)
			204-255	Random strobe
36		R dimming	0-255	From dark to bright
37		G dimming	0-255	From dark to bright
38		B dimming	0-255	From dark to bright
39		W dimming	0-255	From dark to bright
40		Pattern effect	0-255	From dark to bright
41		Pattern movement (with 40 CH)	0-255	Select a pattern scene
42		Pattern Auto-speed (with 40 CH)	0-255	Select a pattern scene
43	Reset		0-250	No function
			251-255	Reset within 5s

► 143CH 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 infinite rotation from slow to fast
			156-255	Counterclockwise infinite rotation from slow to fast
7	Tilt infinite control		0-55	No function
			56-155	Clockwise infinite rotation from slow to fast
			156-255	Counterclockwise infinite rotation from slow to fast
8	Zoom		0-255	From narrow to wide
9	WASH	Dimmer	0-255	From dark to bright
10		Dimmer adjust	0-255	Dimming 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

CH	Function		DMX Value	Description
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
			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	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	

CH	Function		DMX Value	Description
			216-220	5000K
			221-225	5600K
			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)	.....
			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
			..... (5 numbers and 1 pattern)	.....
			189-192	Monochrome dynamic pattern 46
			193-196	Mixed color dynamic pattern 1
			197-200	Mixed color dynamic pattern 2
			..... (5 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 effect fade
28	Background total dimming		0-255	Background 0-100% dimming
29	Background strobe		0-255	Background strobe
30	Background color R		0-255	Pattern effect red
31	Background color G		0-255	Pattern effect green
32	Background color B		0-255	Pattern effect blue

CH	Function		DMX Value	Description
33		Background color W	0-255	Pattern effect white
34	Strobe	Total dimming	0-255	From dark to bright
		Strobe	0-3	Strobe dimming
35			4-203	Synchronous strobe speed from slow to fast (1Hz-25Hz)
			204-255	Random strobe
36		R dimmer	0-255	From dark to bright
37		G dimmer	0-255	From dark to bright
38		B dimmer	0-255	From dark to bright
39		W dimmer	0-255	From dark to bright
40		Pattern effect	0-255	From dark to bright
41		Pattern movement (with 40 CH)	0-255	Select a pattern scene
42		Pattern Auto-speed (with 40 CH)	0-255	Select a pattern scene
43	Reset		0-250	No function
			251-255	Reset within 5s
44	WASH	R1 LED dimming	0-255	R1 LED dimming
45		G1 LED dimming	0-255	G1 LED dimming
46		B1 LED dimming	0-255	B1 LED dimming
47		W1 LED dimming	0-255	W1 LED dimming
.....	
140		R25 LED dimming	0-255	R25 LED dimming
141		G25 LED dimming	0-255	G25 LED dimming
142		B25 LED dimming	0-255	B25 LED dimming

CH	Function		DMX Value	Description
143		W25 LED dimming	0-255	W25 LED dimming

► **120CH Mode** (**ArtNet Mode**, 1~20 channels are controlled by DMX512, 21~120 channels are controlled by ArtNet)

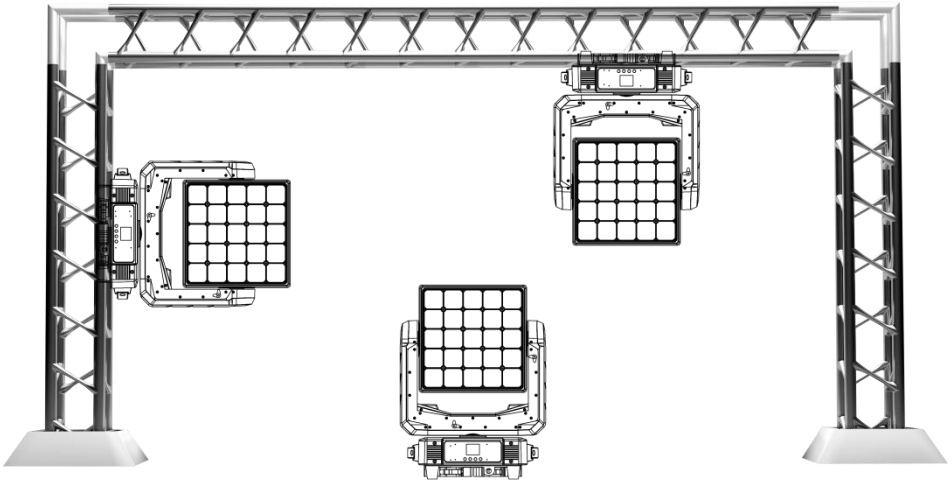
CH	Function		DMX Value	Description
1	Pan		0-255	Pan adjustment
2	Pan adjustment		0-255	Pan fine adjustment
3	Tilt		0-255	Tilt adjustment
4	Tilt adjustment		0-255	Tilt fine adjustment
5	Pan/Tilt speed		0-255	From fast to slow
6	Pan infinite control		0-55	No function
			56-155	Clockwise infinite rotation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

CH	Function		DMX Value	Description
12		R dimming	0-255	From dark to bright
13		G dimming	0-255	From dark to bright
14		B dimming	0-255	From dark to bright
15		W dimming	0-255	From dark to bright
16		Pattern effect	0-255	
17		Pattern movement (with 40 CH)	0-255	Select a pattern scene
18		Pattern Auto-speed (with 40 CH)	0-255	Select a pattern scene
19	WASH (DMX512 control)	Dimmer	0-255	From dark to bright
20		Strobe	0-3	Strobe dimming
			4-203	Synchronous strobe speed from slow to fast (1Hz-25Hz)
			204-255	Random strobe
21	WASH (ArtNet control)	R1 LED dimming	0-255	R1 LED dimming
22		G1 LED dimming	0-255	G1 LED dimming
23		B1 LED dimming	0-255	B1 LED dimming
24		W1 LED dimming	0-255	W1 LED dimming
.....	
117		R25 LED dimming	0-255	R25 LED dimming
118		G25 LED dimming	0-255	G25 LED dimming
119		B25 LED dimming	0-255	B25 LED dimming
120		W25 LED dimming	0-255	W25 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.

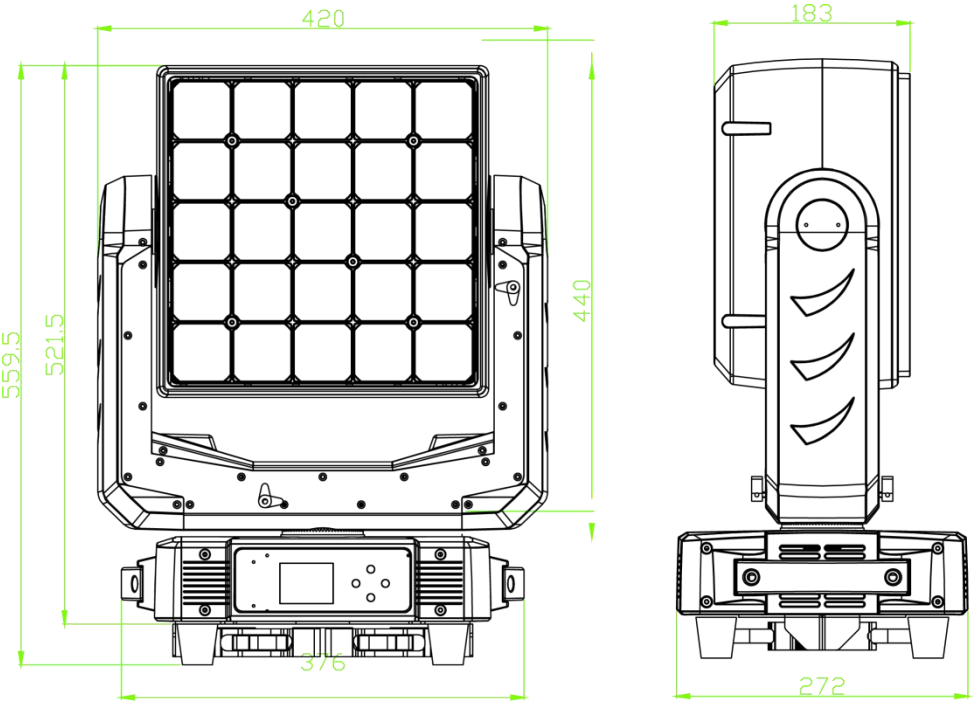


2540DZ works properly in above different mounting, hanging upside-down from a ceiling, sideways on trussing, or set on smooth horizontal surface. Be sure this facility is at least 12m (40ft) away from flammable materials (decoration etc.). Always use and install the safety cable to prevent accidental

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& Strobe

Model NO.: 2540DZ

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.