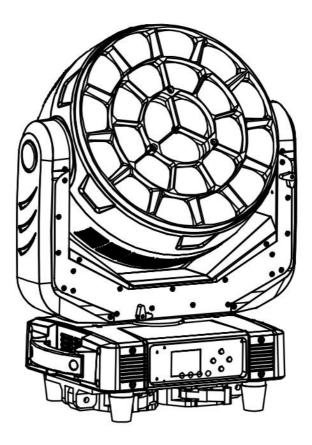
Wash Zoom 24*60w Led moving head



User manual

Please read the instructions carefully before us

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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 Instructions

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 is for indoor use only. Use only in a dry location.

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 Ta: 40 $^{\circ}$ C. DO NOT operate it where the temperature is higher than this Unit surface temperature may reach up to 85 $^{\circ}$ 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.

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:

- I 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.
- In 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 Specifications

Light Source: 24*60W 4IN1 RGBW LED Led 3 ring control effect Average lifespan> 50000 hours Beam Angle:3.5°- 45° Glass light guide + PMMA high quality optical lens Power Consumption: 1500W Power factor PF≥0.95 Power Voltage: AC 100-240V, 50/60Hz Net Weight: 23.5 kg Dimension: 444mm×376mm×573mm Working temperature: -10℃~45℃

Control

DMX Channel:20/24/32/44 Channels Control Protocol: DMX512/RDM

Pan/Tilt

Pan : 540°, accuracy 2.11°/step, fine-tuning accuracy: 0.008°; Tilt : 270°, accuracy 0.86° /step, fine-tuning accuracy: 0.0034°; Using magnetic coded reset system

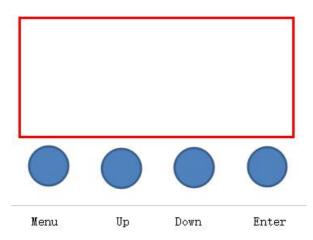
Construction

Display:2.4-inch TFT color display;Chinese and English languages can be switched,180° reversible TFT Display Data In/Out socket: 3-pin & 5-pin XLR sockets Powercon in Protection Rating: IP20

Electronic control technology:

Menu or console control lamp reset; 0-100% dimming; Constant current drive mode; Temperature sensor detection, intelligent adjustment of Led power; Light work information can be read on menu; Intelligent fan speed control

3. How To Control The Unit



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
- 2 Show "Set DMX Address DMX Address:**001**",Press the "**UP and DOWN**" kove to amended
- keys to amended
- 3 Press **"ENTER"**keys to save and Exit,Press the"**MENU**"Keys does not save and Exit

1	.Pan Degree	1) 540°, 2)360°	Pan move angle selection
2	.Mic Sense	001 - 100	Sound sensitivity adjustment
3	8.Pan Invert	1.NO 2.YES	X axis forward and reverse settings

	4.Tilt Invert	1.NO 2.YES	Y axis forward and reverse settings
	5.No Signal	1.Black Out 2.Hold	Set the state when the machine has
			no signal input
	6.Fan Set	1.Auto 2.Low 3.High	Set fan speed
	7.Default	Yes	Reset
		No	
Menu		Pass Word: ****	
		Pan:0 - 255	
		Tilt:0 - 255	Change the value of
		Focus:0 - 255	 Pan/Tilt/Focus/Rotation to correct the angle;
		Rotation:0 - 255	
	8.Adjust	Red:0 - 255	Change the value of R/G/B/W to
		Green:0 - 255	adjust the white balance
		Blue:0 - 255	_
		White:0 - 255	
Address	Setting DMX	value from 001 - 512	
	DMX512		
	Auto		Set control mode
	Sound		
Model		1.pan:0-255	
woder		2.Tilt(Y):0255	
		3.Focus:0255	Manual
	Manual	4.Red: 0255	
		5.Greed: 0255	
		6.Blue: 0255	
		7.White: 0255	

		8.Strobe: 0-2	55	Manual	
	Master/	1.Master		Master/Alone	
	Alone	2.Alone		Master/Alone	
	1.20 CH	1.21 CH			
	2.24 CH	2.25 CH			
	3.32 CH	3.33 CH		Select channel mode	
Channel	4.44 CH	4.129 CH			
Display	Display	1.YES 2.1	NO	Display font forward or reverse settings	
Language	English or Chi	nese		Choose a language	
Reset	YES or NO			Reset	
	1. CH Value			Show all channel information	
	2.Temp℃			Display LED board temperature	
Information	3.Soft V.XXX				

4.DMX Channel List

Model 1 - CH20

		-	
Channel	Display	Function	Value
CH-1	Red	Red dimming	0 255
CH-2	Red fine adjust	Red adjustment	0 255
CH-3	Green	Green dimming	0 255
CH-4	Green fine adjust	Green adjustment	0 255
CH-5	Blue	Blue dimming	0 255
CH-6	Blue fine adjust	Blue dimming	0 255

CH-7	White	White dimming	0 255
CH-8	White fine adjust	White adjustment	0 255
		No	015
		R100%,G UP,B0%	1635
		R DOWM,G100%,B0%	3655
CH-9	Color temperature	R0%,G100%,B UP	5675
		R0%,G DOWM,B100%	7695
		R UP,G0%,B100%	96115
		R100%,G0%,B DOWM	116135
		R100%,G UP,B UP	136155
		R DOWM,G DOWM, B 100%	156175
		R100%G100%B100%W100%	176195
		2800K	196200
		3200K	201205
		4000K	206210
		4500K	211215
		5000K	216220
CH-9	Color temperature	5600K	221225
		6500K	226230

		1	1
		7000K	231235
		7500K	236240
		8000K	241255
		No function	09
CH-10	Macro color	Macro color 1	1019
		Macro color 2	2029
		Per 10 value one color	
		Macro color 24	240249
		Macro color 25	250255
CH-11	Dimmer	dark to bright linear dimming	0 255
CH-12	Dimmer fine adjust	Dimmer fine adjustment	0 255
		Led on	03
CH-13	Strobe	synchronously strobe speed	
		slow to fast (1HZ-25HZ)	4203
		Random strobe	204255
CH-14	Pan	Pan control	0 255
CH-15	Pan fine adjust	Pan adjustment control	0 255
CH-16	Tilt	Tilt control	0 255
CH-17	Tilt fine adjust	Tilt adjustment control	0 255
CH-18	Zoom	Zoom adjustment	0-255

		Mode -1	0 49
CH-19	Dimming Mode	Mode -2	50 99
		Mode -3	100149
		Mode -4	150255
		NO function	0-250
CH-20	Reset	Reset within 5s	251255

Model 2 - CH24

	NODEL 2 - CLIZ4			
Channel	Display	Function	Value	
CH-1	Pan	Pan control	0 255	
CH-2	Pan fine adjust	Pan Fine adjust	0 255	
CH-3	Tilt	Tilt control	0 255	
CH-4	Tilt fine adjust	Tilt Fine adjust	0 255	
CH-5	Pan/tilt speed	Speed from fast to slow	0 255	
CH-6	Zoom	Angle from small to large	0 255	
CH-7	Dimmer	dark to bright linear dimming	0 255	
CH-8	Strobe	Led on	03	
		Synchronously strobe	4203	
		From slow to fast (1HZ-25HZ)		

		Random strobe	204255
CH-9	R dimming	dark to bright linear dimming	0-255
CH-10	G dimming	dark to bright linear dimming	0-255
CH-11	B dimming	dark to bright linear dimming	0-255
CH-12	W dimming	dark to bright linear dimming	0-255
		No function	015
		R100%,G UP,B0%	1635
		R DOWM,G100%,B0%	3655
		R0%,G100%,B UP	5675
		R0%,G DOWM,B100%	7695
CH-13	Color temperature	R UP,G0%,B100%	96115
		R100%,G0%,B DOWM	116135
		R100%,G UP,B UP	136155
		R DOWM,G DOWM, B 100%	156175
		R100%,G100%,B100%,W100%	176195
		2800K	196200
		3200K	201205
		4000K	206210
		4500K	211215
		5000K	216220

CH-14 Macro color No function 226230 6500K 231235 7000K 236240 8000K 241245 8000K 241245 CH-14 Macro color Macro color 1 1019 Macro color 2 2029 (10 numbers 1 macro color) Macro color 24 240249 Macro color 24 240249 Macro color 25 250255 250255 pattern 1 3773 pattern 2 74110	r			· · · · · · · · · · · · · · · · · · ·
Image: Herror Formula			5500K	221225
CH-14Image: constant of the systemImage: constant of the systemImage: constant of the systemImage: constant of the systemCH-14Macro colorNo function09Macro color 1Macro color 11019Macro color 22029(10 numbers 1 macro color)Macro color 24240249Macro color 25250255Macro color 25250255Pattern 1036pattern 274110pattern 274110pattern 6222255NO function09Single color dynamic pattern 11019Single color dynamic pattern 22029			5600K	226230
CH-14Macro colorNo function09Macro color 11019Macro color 22029(10 numbers 1 macro color)Macro color 24240249Macro color 25250255Macro color 25250255pattern 13773pattern 274110Image: Color 30Macro color 40222255Static patternNo functionMo function09Static patternSingle color dynamic pattern 1Single color dynamic pattern 22029			6500K	231235
CH-14Macro colorNo function09Macro color 11019Macro color 22029(10 numbers 1 macro color)Macro color 24240249Macro color 25250255Macro color 25250255pattern 1036pattern 274110(37 value per 1 pattern)pattern 6222255NO function09Single color dynamic pattern 11019Single color dynamic pattern 22029			7000K	236240
CH-14 Macro color Macro color 1 1019 Macro color 2 2029 2029 (10 numbers 1 macro color) Macro color 24 240249 Macro color 24 240249 250255 250255 Macro color 25 250255 250255 Pattern 1 036 036 pattern 1 3773 10110 CH-15 Static pattern 222255 NO function 09 222255 NO function 09 1019 Single color dynamic pattern 1 1019 1019			8000K	241245
Macro color 2 2029 Macro color 2 240249 Macro color 24 240249 Macro color 25 250255 Macro color 25 250255 Pattern 1 3773 pattern 2 74110			No function	09
Image: CH-15 Image: CH-16 Image: CH-17 Image: CH-17<	CH-14	Macro color	Macro color 1	1019
Macro color 24 240249 Macro color 25 250255 Macro color 25 036 pattern 1 3773 pattern 2 74110			Macro color 2	2029
Macro color 25 250255 Macro color 25 036 No function 036 pattern 1 3773 pattern 2 74110			(10 numbers 1 macro color)	
Image: Molect of the state of the			Macro color 24	240249
CH-15 Static pattern pattern 1 3773 pattern 2 74110 pattern 2 74110 pattern 6 222255 NO function 09 Single color dynamic pattern 1 1019 Single color dynamic pattern 2 2029			Macro color 25	250255
CH-15 Static pattern pattern 2 pattern 2 pattern 0 pattern 6 NO function Single color dynamic pattern 1 Single color dynamic pattern 2 2029 1019 2029			No function	036
CH-15Static pattern			pattern 1	3773
pattern 6 222255 NO function 09 Single color dynamic pattern 1 1019 Single color dynamic pattern 2 2029			pattern 2	74110
NO function 09 Single color dynamic pattern 1 1019 Single color dynamic pattern 2 2029	CH-15	Static pattern	(37 value per 1 pattern)	
Single color dynamic pattern 11019Single color dynamic pattern 22029			pattern 6	222255
Single color dynamic pattern 2 2029			NO function	09
			Single color dynamic pattern 1	1019
(10 DMX value per pattern)			Single color dynamic pattern 2	2029
			(10 DMX value per pattern)	

pattern mixed color dynamic pattern 1 90- Mixed color dynamic pattern 2 100 (10 DMX value per pattern) Mixed color dynamic pattern 14 220	89 99 D109 229 5255 255
mixed color dynamic pattern 1 90- Mixed color dynamic pattern 2 100 Mixed color dynamic pattern 2 100 (10 DMX value per pattern) Mixed color dynamic pattern 14 220 Mixed color dynamic pattern 15 225 CH17 Pattern translation(work Select dynamic pattern scene 0-2	D109 D229 5255
CH17 Pattern translation(work CH17 Pattern translation(work	 D229 5255
CH17 Pattern translation(work Select dynamic pattern scene 0-2	0229 5255
CH17 Pattern translation(work Select dynamic pattern scene 0-2	5255
CH17 Pattern Select dynamic pattern scene 0-2 translation(work	
translation(work	255
CH-18 Dynamic No function 09	9
pattern speed (work with CHForward, from fast to slow10-	132
16) Go backward, from slow to fast 133	3255
CH-19 Back color R dark to bright linear dimming 0-2	:55
CH-20 Back color G dark to bright linear dimming 0-2	:55
CH-21 Back color B dark to bright linear dimming 0-2	:55
CH-22 Back color W dark to bright linear dimming 0-2	:55
Mode -1 0	49
CH-23 Dimming Mode Mode -2 50	99
Mode -3 100	0149
Mode -4 150	0255
NO function 0-2	250

CH-24	Reset	Reset within 5s	251-255

Model 3 - CH32

Channel	Display	Function	Value
CH-1	Pan	Pan control	0 255
CH-2	Pan fine adjust	Pan Fine adjust	0 255
CH-3	Tilt	Tilt control	0 255
CH-4	Tilt fine adjust	Tilt Fine adjust	0 255
CH-5	Pan/Tilt speed	Speed from fast to slow	0 255
CH-6	Zoom	Angle from small to large	0 255
CH-7	Dimmer	dark to bright linear dimming	0 255
CH-8	Dimming fine	Dimming fine	0255
		Led on	0-3
CH9	Strobe	Synchronously strobe	4203
		From slow to fast (1HZ-25HZ)	
		Random strobe	204255
CH-10	Red dimming	Red dimming	0-255
CH-11	Red fine	Red fine	0-255

011.40		One en dimensione	0.055
CH-12	Green dimming	Green dimming	0-255
CH-13	Green fine	Green fine	0-255
CH-14	Blue dimming	Blue dimming	0-255
CH-15	Blue fine	Blue fine	0-255
CH-16	White dimming	White dimming	0-255
CH-17	White fine	White fine	0-255
		Mode -1	0 49
	Dimming Mode	Mode -2	50 99
CH-18		Mode -3	100149
		Mode -4	150255
		No function	015
		R100%,G UP,B0%	1635
		R DOWM,G100%,B0%	3655
		R0%,G100%,B UP	5675
		R0%,G DOWM,B100%	7695
		R UP,G0%,B100%	96115
		R100%,G0%,B DOWM	116135
CH-19	Color temperature	R100%,G UP,B UP	136155
		R DOWM,G DOWM, B 100%	156175
		R100%,G100%,B100%,W100%	176195
		R100%,G100%,B100%,W100%	176195

		2800K	196200
		3200K	201205
		4000K	206210
		4500K	211215
		5000K	216220
		5500K	221225
		5600K	226230
		6500K	231235
		7000K	236240
		8000K	241245
		No function	09
		Macro color 1	1019
CH-20	Macro color	Macro color 2	2029
		(10 DMX value 1 macro color)	
		Macro color 24	240249
		Macro color 25	250255
		No function	036
CH-21		pattern 1	3773
	Static pattern	pattern 2	74110
		(37 DMX value per pattern)	

		pattern 6	222255
		NO function	09
		Single color dynamic pattern 1	1019
		Single color dynamic pattern 2	2029
		(10 DMX value 1 pattern)	
CH-22	Dynamic pattern	Single color dynamic pattern 8	8089
		Mixed color dynamic pattern 1	9099
		Mixed color dynamic pattern 2	100109
		(10 DMX value 1 pattern)	
		Mixed color dynamic pattern 14	220229
		Mixed color dynamic pattern 15	230255
CH-23	Pattern translation (with 22 channels)	Select dynamic pattern scene	0255
CH-24	Dynamic	No function	09
	pattern speed (work with 22	Forward, from fast to slow	10132
	channels)	Go backward, from slow to fast	133255
CH-25	Pattern effect fade	Pattern effect fade	0255
CH-26	Background total dimming	Background total dimming from 0 - 100%	0255
CH-27	Background	Background strobe	0255

	strobe		
CH-28	Back color Red	dark to bright linear dimming	0-255
CH-29	Back color Green	dark to bright linear dimming	0-255
CH-30	Back color Blue	dark to bright linear dimming	0-255
CH-31	Back color White	dark to bright linear dimming	0-255
		NO function	0-250
CH-32	Reset	Reset within 5s	251-255

Model 4 - CH 44

Channel	Display	Function	Value
CH-1	Pan	Pan control	0 255
CH-2	Pan fine adjust	Pan fine adjust	0 255
CH-3	Tilt	Tilt control	0 255
CH-4	Tilt fine adjust	Tilt fine adjust	0 255
CH-5	Pan/Tilt speed	Speed from fast to slow	0 255
CH-6	Zoom	Angle from small to large	0 255
CH-7	Dimmer	dark to bright linear dimming	0 255
CH-8	Dimming fine	Dimming fine-tuning control	0255

		Turn on the light	03
CH-9	Strobe	synchronously strobe speed	4203
		From slow to fast (1HZ-25HZ)	
		Random strobe	204255
CH-10	Red dimming	Red dimming	0-255
CH-11	Red fine	Red fine	0-255
CH-12	Green dimming	Green dimming	0-255
CH-13	Green fine	Green fine	0-255
CH-14	Blue dimming	Blue dimming	0-255
CH-15	Blue fine	Blue fine	0-255
CH-16	White dimming	White dimming	0-255
CH-17	White fine	White trim	0-255
		Mode -1	0 49
		Mode -2	50 99
CH-18	Dimming Mode	Mode -3	100149
		Mode -4	150255
		No function	015
		R100%,G UP,B0%	1635
		R DOWM,G100%,B0%	3655
		R0%,G100%,B UP	5675

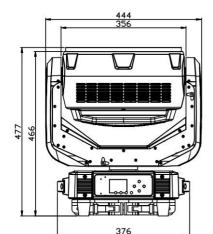
CH-19 Color temperature R0%,G DOWM,B100% 7695 R UP,G0%,B100% 96115 R100%,G0%,B DOWM 116135 R100%,G UP,B UP 136155 R DOWM,G DOWM, B 100% 176195 2800K 196200 3200K 201205 4000K 206210 4500K 211215 5000K 216220 5500K 221225 5600K 226230 6500K 231235 7000K 236240 8000K 241245 No function 09 Macro color 1 1019 Macro color 2 2029				
CH-19 Color temperature R100%,G0%,B DOWM 116135 R100%,G UP,B UP 136155 R R DOWM,G DOWM,B 100% 156175 R R100%,G100%,B100%,W100% 176195 2800K 196200 3200K 201205 4000K 206210 4500K 211215 5000K 216220 5500K 221225 5600K 226230 6500K 231235 7000K 236240 8000K 241245 8000K 241245 No function 09 Macro color 1 1019 Macro color 2 2029 2029			R0%,G DOWM,B100%	7695
CH-19 Color temperature R100%,G UP,B UP 136155 R DOWM,G DOWM, B 100% 156175 R100%,G100%,B100%,W100% 176195 R100%,G100%,B100%,W100% 176195 2800K 196200 3200K 201205 4000K 206210 4500K 211215 5000K 216220 5500K 216220 5500K 221225 5600K 226230 6500K 231235 7000K 236240 8000K 241245 No function 09 Macro color 1 1019 Macro color 2 2029 2029 2029			R UP,G0%,B100%	96115
temperature Initial OP Initian Initial OP Initial O			R100%,G0%,B DOWM	116135
R DOWM,G DOWM, B 100% 156175 R100%,G100%,B100%,W100% 176195 2800K 196200 3200K 201205 4000K 206210 4500K 211215 5000K 216220 5500K 221225 5600K 226230 6500K 231235 7000K 236240 8000K 241245 No function 09 Macro color 1 1019 Macro color 2 2029	CH-19		R100%,G UP,B UP	136155
2800K 196200 3200K 201205 4000K 206210 4500K 211215 5000K 216220 5500K 221225 5600K 226230 6500K 231235 7000K 236240 8000K 241245 No function 09 Macro color 1 1019 Macro color 2 2029		lemperature	R DOWM,G DOWM, B 100%	156175
3200K 201205 4000K 206210 4500K 211215 5000K 216220 5500K 221225 5600K 226230 6500K 231235 7000K 236240 8000K 241245 No function 09 Macro color 1 1019 Macro color 2 2029			R100%,G100%,B100%,W100%	176195
4000K 206210 4500K 211215 5000K 216220 5500K 221225 5600K 226230 6500K 231235 7000K 236240 8000K 241245 No function 09 Macro color 1 1019 Macro color 2 2029			2800K	196200
4500К 211215 5000К 216220 5500К 221225 5600К 226230 6500К 231235 7000К 236240 8000К 241245 No function 09 Macro color 1 1019 Macro color 2 2029			3200K	201205
5000К 216220 5500К 221225 5600К 226230 6500К 231235 7000К 236240 8000К 241245 No function 09 Macro color 1 1019 Macro color 2 2029			4000K	206210
5500К 221225 5600К 226230 6500К 231235 7000К 236240 8000К 241245 No function 09 Macro color 1 1019 Macro color 2 2029			4500K	211215
5600К 226230 6500К 231235 7000К 236240 8000К 241245 No function 09 Macro color 1 1019 Macro color 2 2029			5000K	216220
6500К 231235 7000К 236240 8000К 241245 No function 09 Macro color 1 1019 Macro color 2 2029			5500K	221225
Тооок 236240 8000к 241245 No function 09 Macro color 1 1019 Macro color 2 2029			5600K	226230
8000K 241245 No function 09 Macro color 1 1019 Macro color 2 2029			6500K	231235
No function 09 Macro color 1 1019 Macro color 2 2029			7000K	236240
Macro color 1 1019 Macro color 2 2029			8000K	241245
Macro color 2 2029			No function	09
			Macro color 1	1019
CH-20 Macro color(10 DMX value 1 macro color)			Macro color 2	2029
	CH-20	Macro color	(10 DMX value 1 macro color)	

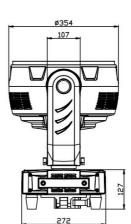
		Macro color 24	240249
		Macro color 25	250255
		No function	036
		pattern 1	3773
CH-21	Static pattern	pattern 2	74110
		(37 DMX value 1 pattern)	
		pattern 6	222255
		NO function	09
		Single color dynamic pattern 1	1019
CH-22	Dynamic pattern	Single color dynamic pattern 2	2029
		(10 DMX value 1 pattern)	
		Single color dynamic pattern 8	8089
		Mixed color dynamic pattern 1	9099
		Mixed color dynamic pattern 2	100109
		(10 DMX value 1 pattern)	
		Mixed color dynamic pattern 14	220229
		Mixed color dynamic pattern 15	230255
CH-23	Pattern translation (work with 22 channels)	Select dynamic pattern scene	0255
CH-24	Dynamic pattern	No function	09

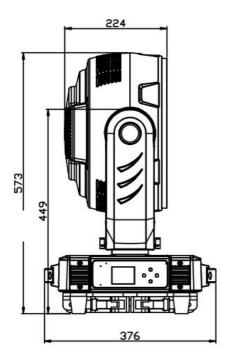
	speed (work with	Forward, from fast to slow	10132
	22 channels)	-	
	,	Go backward, from slow to fast	133255
CH-25	Pattern effect fade	Pattern effect fade	0255
CH-26	Background total dimming	Background total dimming from 0 - 100%	0255
CH-27	Background strobe	Background strobe	0255
CH-28	Back color Red	dark to bright linear dimming	0-255
CH-29	Back color Green	dark to bright linear dimming	0-255
CH-30	Back color Blue	dark to bright linear dimming	0-255
CH-31	Back color White	dark to bright linear dimming	0-255
		NO function	0-250
CH-32	Reset	Reset within 5s	251-255
CH-33	R1 LED dimming	Red1 LED dimming	0-255
CH-34	G1 LED dimming	Green1 LED dimming	0-255
CH-35	B1 LED dimming	Blue1 LED dimming	0-255
CH-36	W1 LED dimming	White1 LED dimming	0-255
CH-37	R2 LED dimming	Red2 LED dimming	0-255
CH-38	G2 LED dimming	G2 LED dimming	0-250
CH-39	B2 LED dimming	Blue2 LED dimming	0-255

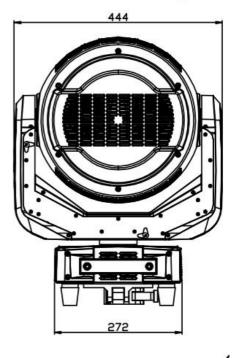
CH-40	W2 LED dimming	White2 LED dimming	0-255
CH-41	R3 LED dimming	Red3 LED dimming	0-255
CH-42	G3 LED dimming	Green3 LED dimming	0-255
CH-43	B3 LED dimming	Blue3 LED dimming	0-255
CH-44	W3 LED dimming	White3 LED dimming	0-255











6.LUX Date

Beam Angle = 3.5°			
R lux	9430	7080	3850
Glux	28900	21100	11900
B lux	5220	3570	2070
Wlux	39100	29300	16900
4in1 lux	77300	56700	32500
Beam Angle =45°			
R lux	909	369	154
G lux	2870	1210	494
B lux	552	234	94
Wlux	3750	1610	640
4in1 lux	7470	3120	1290
		3.5° 45°	
Distance (m) Spot diameter (m) 3.5° Spot diameter (m) 45°	3 0.57 2.8	5 0.75 4.3	8 1.1

7. 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.
- Check if the DMX cables run near or run alongside to high voltage cables that may cause damage or interference to DMX interface circuit.

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.

8. 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.