

User Manual

EVO PROFILE BFSW IP



Safety Information



WARNING

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

Important:

Damages caused by the disregard of this user manual are not subject to warranty.

The dealer will not accept liability for any resulting defects or problems.

- Unpack and check carefully to ensure that there is no transportation damage before using the unit.
- This product is for indoor use only. Use only in a dry location.
- DO install and operate by qualified operator.
- DO NOT allow children to operate the fixture.
- Use safety chain when fixing the unit. Handle the unit by carrying its base instead of head only.
- The unit must be installed in a location with adequate ventilation, at least 50CM from adjacent surfaces.
- Be sure that no ventilation slots is blocked, otherwise the unit will be overheated.
- Before operation, ensure that you are connecting this product to the proper voltage in accordance with the specifications in this manual or on the product's specification label.
- It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- Minimum ambient temperature TA: 0°C. Maximum ambient temperature TA: 40°C. Do not operate this product at a lower or higher temperature.
- DO NOT connect the device to any dimmer pack.
- Keep flammable materials away from the fixture while operating to avoid fire hazard.
- Make sure the power cord is not crimped or damaged; replace it immediately if damaged.
- Unit's surface temperature may reach up to 65°C. DO NOT touch the housing bare-handed during its operation.
- Avoid any flammable liquids, water or metal from entering the unit. Once it happens, cut off the mains power immediately.
- DO NOT operate in a dirty or dusty environment. DO clean the fixture regularly.
- DO NOT touch any wire during operation as there might be a hazard of electric shock.
- Avoid entanglement of the power cord with other wires.
- The minimum distance to objects/surface must be more than 5 meters.
- Disconnect mains power before fuse replacement or servicing.
- Replace fuse only with the same type.
- In the event of serious operating problem, stop using the unit immediately.
- Never turn on and off the unit time after time.
- The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged.
- DO NOT open the housing as there are no user serviceable parts inside.
- DO NOT attempt to operate this unit if it becomes damaged. DO NOT attempt any repairs yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center if needed.
- Disconnect this product from its power source before servicing.
- DO use the original packaging if the device is to be transported.
- Check that the head tilt lock is released before packing for transportation.
- Avoid direct eye exposure to the light source while the product is on.
- DO NOT operate this product if you see damage on the housing, shields, or cables. Have the damaged parts replaced by an authorized technician at once.

1. Technical Specifications

1.1 Parameter

LIGHT SOURCE

Light Source: 800W LED Engine
Total Lumen Output of engine: 5,2500 lumens
Color Temperature Output of Fixture: 7,000K
Life Expectancy: 20,000 hours

ELECTRICAL AND CONNECTORS

Input Voltage Range: 100-240V, 50/60Hz
Power Consumption: 910W
Power In/Out: Waterproof power connector in/out
Data In/Out: 3-pin or 5-pin waterproof XLR, RJ45 connector

OPTICAL SYSTEM

Zoom Range: 4.5°-50°
Standard Mode: Ra > 70
HCRI Mode: Ra ≥ 90
Diameter of Frontal Lens: 145mm

CONTROL

4 touch button control panel
Display: LCD display
Protocols: DMX512, RDM, Art-Net, sACN
Control Channels: 42CH/32S CH/32F CH/23CH

STATIC GOBOS

1 Static Gobo Wheel:
13 gobos, plus open
Gobo: Φ17mm, Image: Φ13mm

ROTATING GOBOS

1 Rotating Gobo Wheel:
8 gobos, plus open
Gobo Slot 1-7: Φ20mm, Image: Φ12mm,
Gobo Slot 8: Φ20mm

ANIMATION WHEEL

A graphic animation wheel with continuous rotation in both directions, used alone or in combination with gobos to create the splendid water wave effect, and can be changed into other wheels

PRISM

2 Combinable Rotating and Indexable
Prisms: 4-facet prism and 4-mirror, rotatable in both directions

FROST FILTER

1 combinable medium frost filter

COLORS

Linear CMY color mixing
Linear CTO Color Correction: 2,700K-7,000K
1 Color Wheel: 5 colors + CRI

PAN&TILT

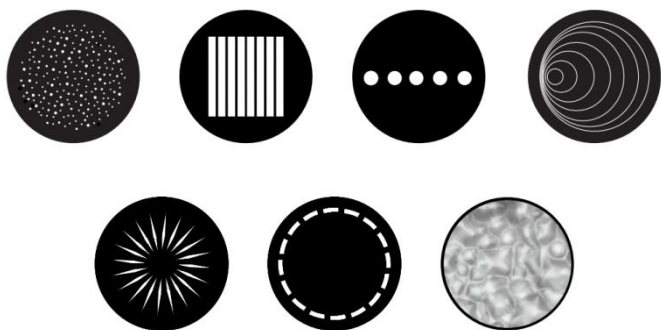
Pan Movement: 540°
Tilt Movement: 260°
Automatic Pan/Tilt position correction

PHYSICAL INFORMATION

Fixture Dimensions: 358.2*239.8*658mm
Weight: 29kg
IP Rated: IP65

1.2 Gobos and Wheels

Rotating Gobos



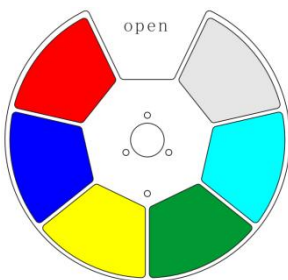
Fixed Gobos



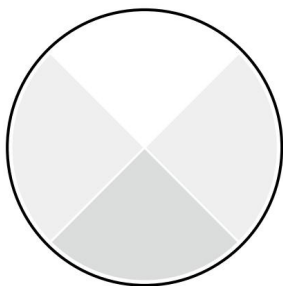
Effects Wheels



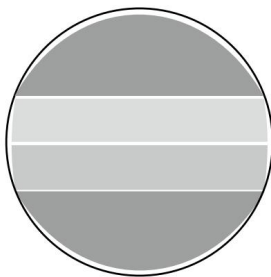
Color Wheels



Prism System

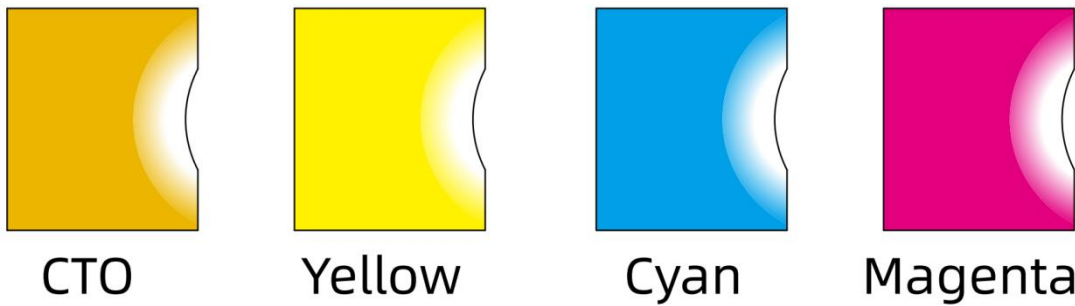


4 facet Prism

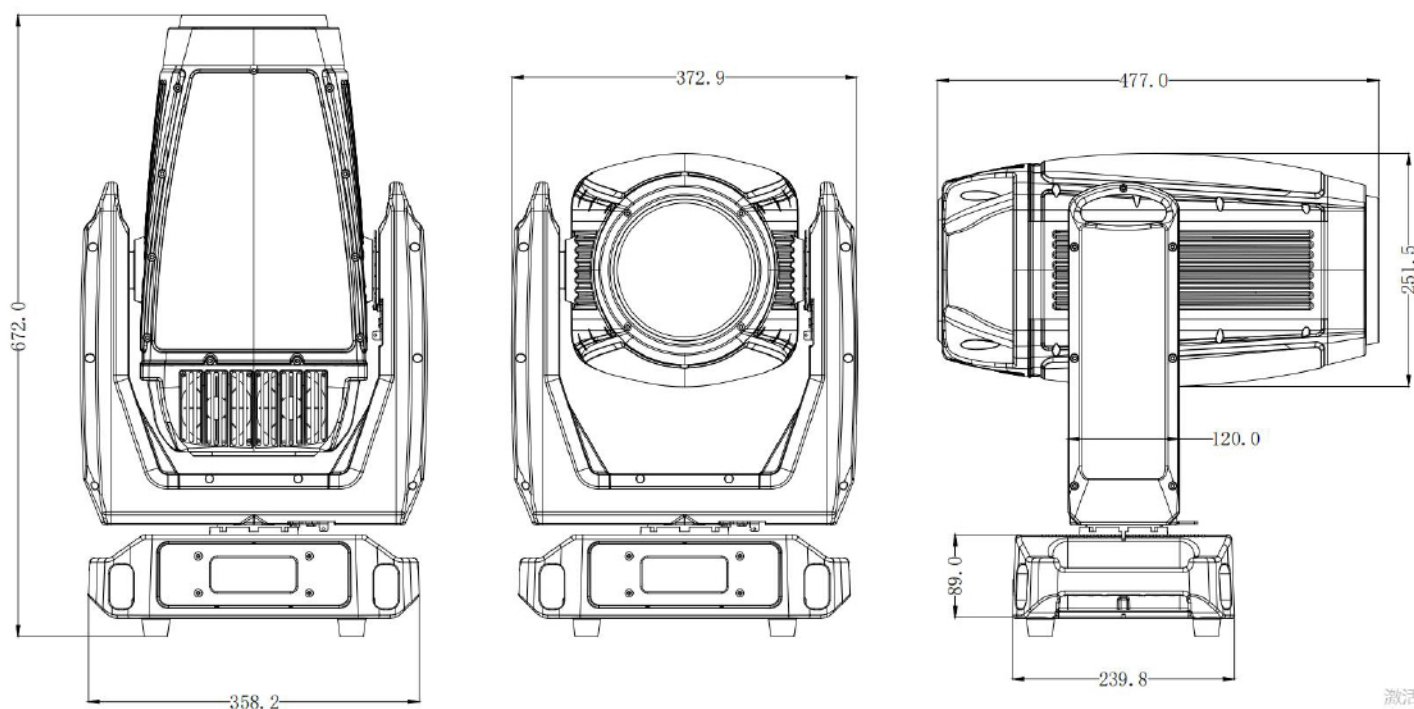


4-Row Mirrors

CMY Wheels

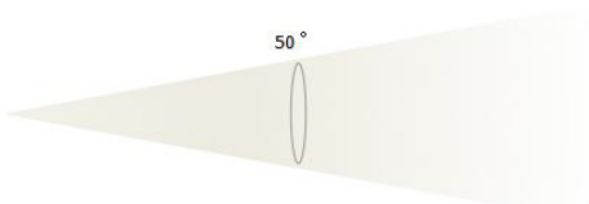


2.Dimension and Photometric Diagram

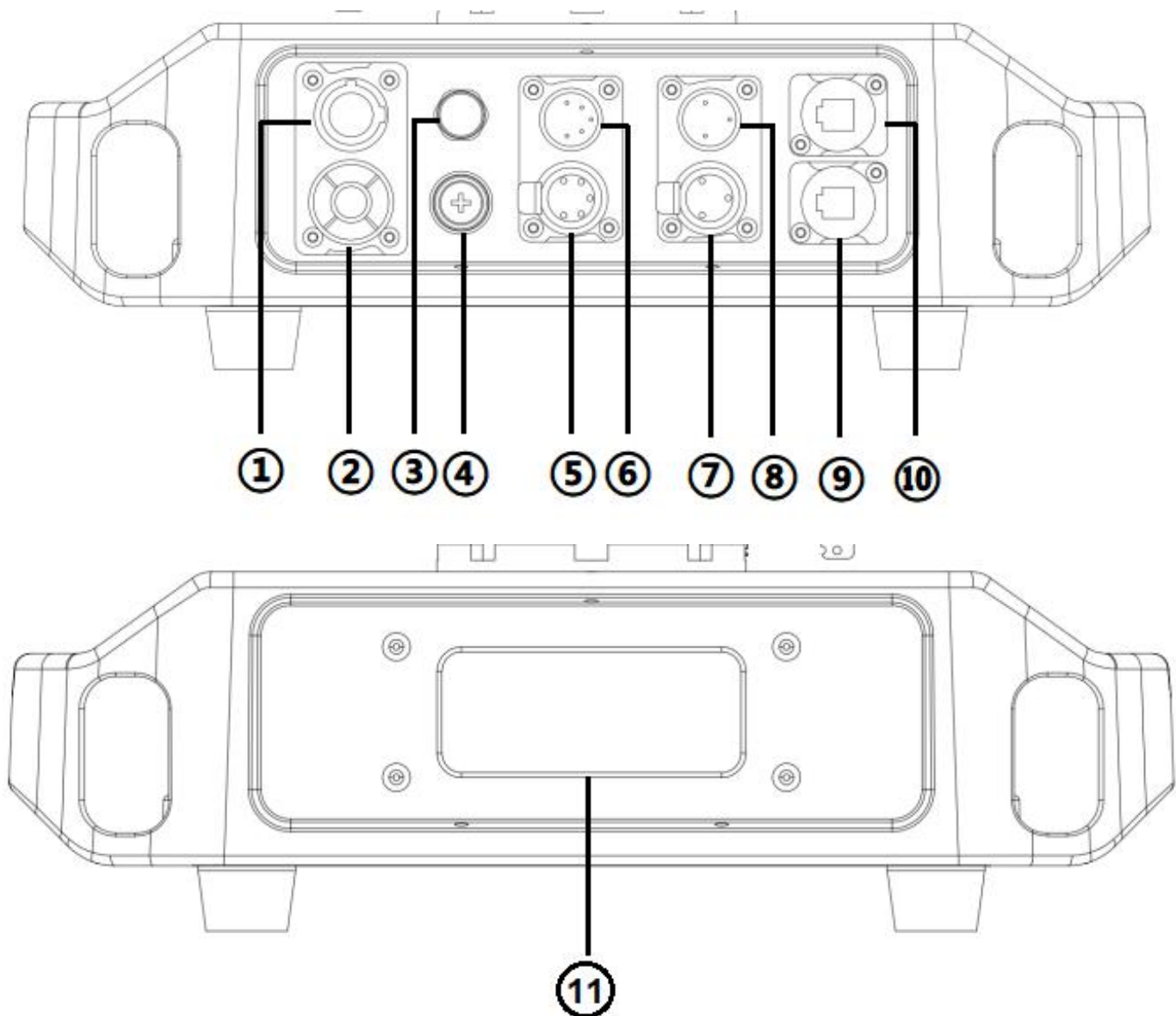


激活
MAX-SP1

Small Angle				
Lux	121000	46100	18900	13200
				
Distance	5m	8m	10m	15m
Diameter	0.40m	0.64m	0.83m	1.25m

Big Angle				
Lux	2250	804	504	266
				
Distance	5m	8m	10m	15m
Diameter	4.53m	7.35m	9.10m	13.5m

3.Overview

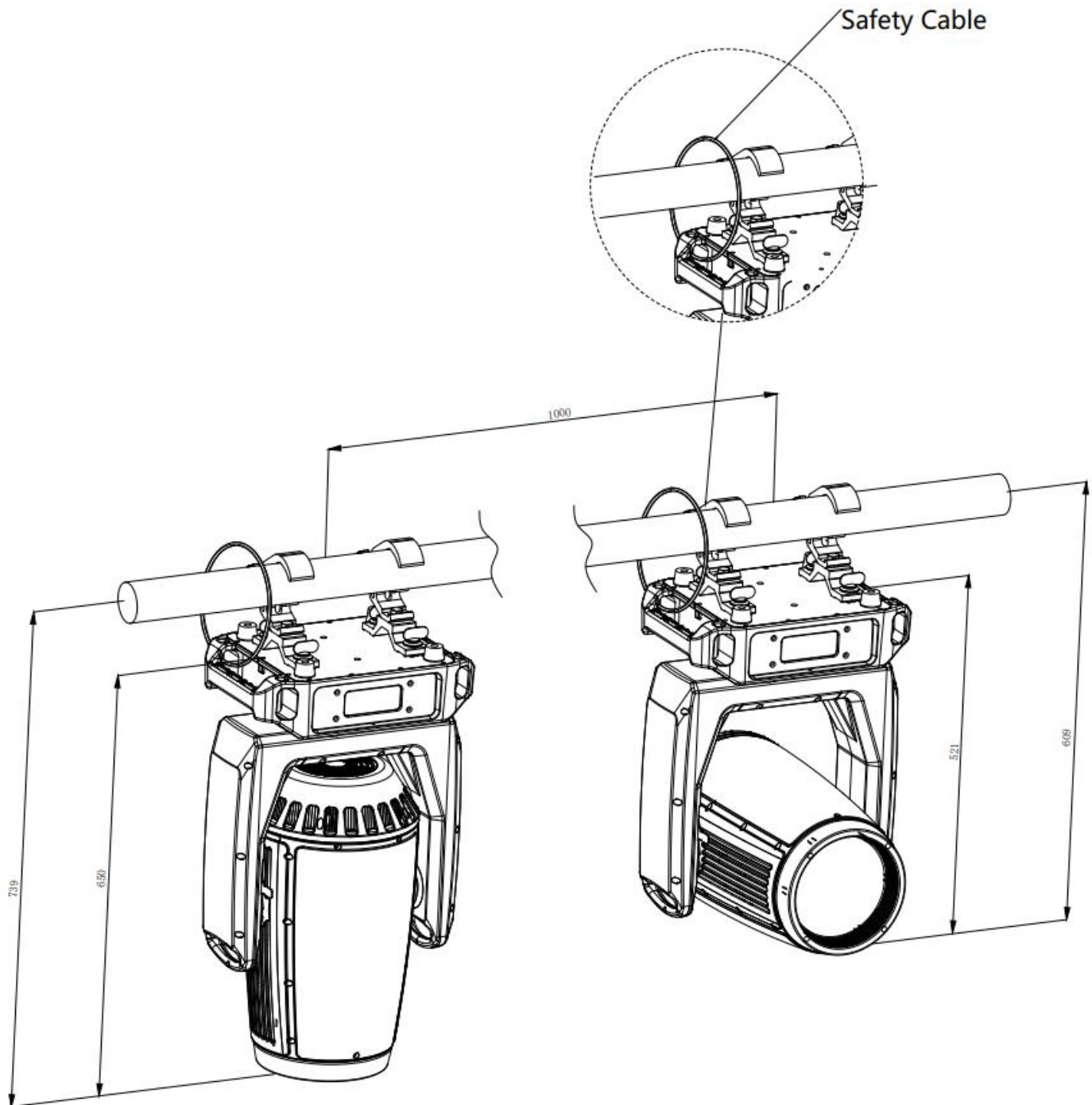


- (1) Seetronic Power In
- (2) Seetronic Power Out
- (3) Valve
- (4) Fuse
- (5) 5 Pin DMX Out
- (6) 5 Pin DMX In
- (7) 3 Pin DMX Out
- (8) 3 Pin DMX In
- (9) Ethernet Out
- (10) Ethernet In
- (11) Display

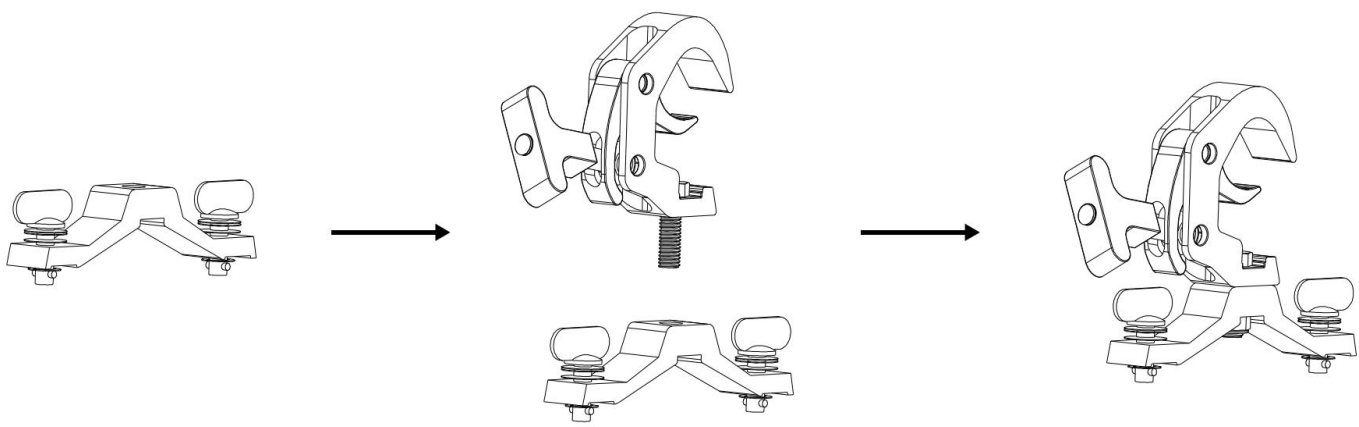
4. Fixture Installation

- DO install and operate by qualified operator. Fixture(s) should be installed in areas outside walking paths, seating areas, or away from areas where unauthorized personnel might reach the fixture by hand. NEVER stand directly below the fixture(s) when rigging, removing or servicing.

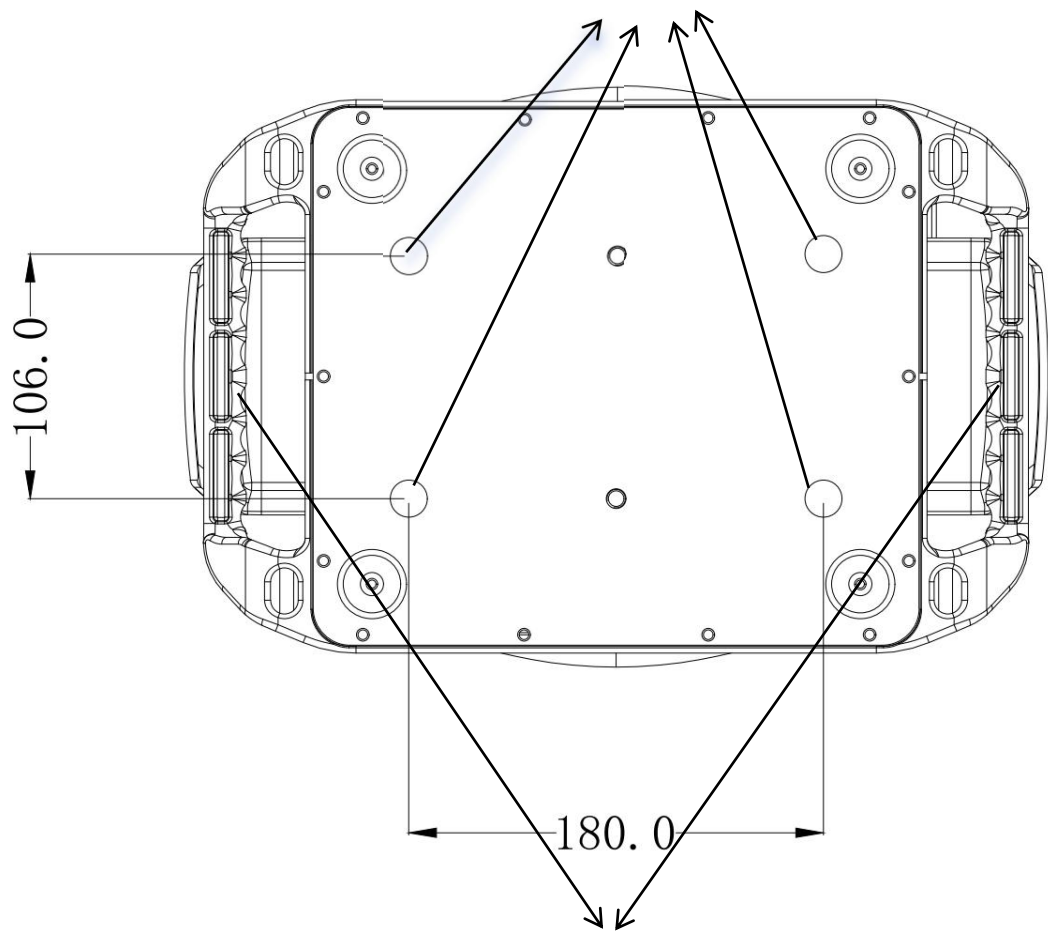
- Always ensure that the unit is firmly fixed to avoid vibration and slipping off during operation. Ensure that the trussing or area of installation must be able to hold 10 times the weight without any deformation. Always attach a safety cable that can hold at least 12 times the weight of the fixture whenever installing this fixture in a suspended environment to ensure that the fixture will not fall if the clamp fails.



4.1 Steps for installing omega brackets



Omega Bracket Attachment Points



Safety Cable Attachment Points

5. Control Menu

Address	001-512		
Channel Mode	23CH		
	32S CH		
	32F CH		
	42 CH		
Setting	Control Mode	DMX	
		ArtNet	
		sACN	
	ArtNet to 512	No/YES	
	Status Setting	Signal Keep	NO/YES
		Invert Pan	NO/YES
		Invert Tilt	NO/YES
		Move Light	NO/YES
		Screen Keep	15s/30s/1 min/On
	Dimmer Curve	Linear	
		Square	
		I-Square	
		S-Shape	
	Dimmer Speed	Fast	
		Smooth	
	Dimmer Frequency	900Hz / 1200Hz / 2500Hz / 3600Hz 5000Hz / 10KHz / 15KHz / 20KHz / 25KHz	
	Fan Mode	Auto	
		Silent	
		Full	
	Display Setting	Screen Backlight	NO/YES
		Invert Screen	NO/YES
		Screen Lock	NO/YES
		Language	Chinese/English
	Calibration	Pan	001-255
		Tilt	001-255
		...	
		Focus Rot 1~7	001-255
	Load Default	NO/YES	
Network	Network	Ethernet	IP:002.000.000.001
			MS:255.000.000.000
		Universe	OK
			Net(0-127):000 Sub-Uni:000
Manual	Pan	0-255	
	Pan Fine	0-255	
	Tilt	0-255	
	Tilt Fine	0-255	
	P-T Speed	0-255	
	Cyan	0-255	
	Magenta	0-255	
	Yellow	0-255	
	...	0-255	
	Marco	0-255	
Reset	Reset Effect		
	Reset Scan		
	Reset All		

6. DMX Channel

23 Channel Mode

CH	FUNCTION	VALUE	Description
1	PAN	0-255	0° → 540°
2	PAN FINE	0-255	16 Bit Adjustable
3	TILT	0-255	0° → 270°
4	TILT FINE	0-255	16 Bit Adjustable
5	PAN/TILT SPEED	0-255	Fast to Slow
6	CYAN	0-255	0-100%
7	Magenta	0-255	0-100%
8	YELLOW	0-255	0-100%
9	CTO	0-255	0-100%
10	CRI	0-127	CRI Filter In
		128-255	CRI Filter Out
11	COLOR WHEEL	000 - 005	WHITE
		006 - 115	Color Wheel Indexing
		116 - 120	WHITE
		121 - 130	Color 1
		131 - 140	Color 2
		141 - 150	Color 3
		151 - 160	Color 4
		161 - 170	Color 5
		171 - 192	WHITE
		193 - 223	Counter-Clockwise Rotation, Fast to Slow
		224 - 224	STOP
		225 - 255	Clockwise Rotation, Slow to Fast
12	COLOR WHEEL FINE	0-255	0-100%
13	IRIS	000 - 225	Iris from large to small
		226 - 235	Iris slow open fast close from slow to fast
		236 - 245	Iris slow close fast open from slow to fast
		246 - 255	Iris slow close fast open from slow to fast
14	Iris Fine Adjustment	0-255	0-100%
15	Frost 1	0-127	Frost 1 Off
		128-255	Frost 1 On
16	Zoom	0-255	Wide to Narrow
17	Zoom Fine	0-255	0-100%
18	Focus	0-255	0-100%
19	Focus Fine	0-255	0-100%
20	Strobe	0-3	Open
		4-99	Synchronized Strobe

		100-149	Pulse Strobe
		150-199	Flash Strobe
		200-249	Random Strobe
		250-255	Open
21	Dimmer	0-255	0-100%
22	Dimmer Fine	0-255	0-100%
23	Macro	000 - 005	No function
		006 - 010	Turn on display backlight
		011 - 015	Turn off display backlight
		016 - 020	Horizontal reverse open
		021 - 025	Horizontal reverse close
		026 - 030	Vertical reverse open
		031 - 035	Vertical reverse close
		036 - 040	Enable function-LED OFF while moving
		041 - 045	Disable function
		046 - 050	Enable function-When the equipment has no signal access the product's motor will be power-down protection.
		051 - 055	Disable function
		056 - 060	Cooling Mode: Full
		061 - 065	Cooling Mode: Auto
		066 - 070	Cooling Mode: Silent
		071 - 075	Dimmer Curve Linear
		076 - 080	Dimmer Curve Square Law
		081 - 085	Dimmer Curve Inv Square Law
		086 - 090	Dimmer Curve S
		091 - 095	900Hz
		096 - 100	1200Hz
		101 - 105	2500Hz
		106 - 110	3600Hz
		111 - 115	5000Hz
		116 - 120	10KHz
		121 - 125	15KHz
		126 - 130	20KHz
		131 - 135	25KHz
		136 - 140	No function
		141 - 145	
		146 - 150	Dimmer Speed Smooth
		151 - 155	Dimmer Speed Fast
		156 - 160	Reset Pan/Tilt
		161 - 165	Reset Effect
		166 - 170	Reset All
		171 - 255	No function

32S Channel Mode

CH	FUNCTION	VALUE	Description
1	PAN	0-255	0° → 540°
2	PAN FINE	0-255	16 Bit Adjustable
3	TILT	0-255	0° → 270°
4	TILT FINE	0-255	16 Bit Adjustable
5	PAN/TILT SPEED	0-255	Fast to Slow
6	CYAN	0-255	0-100%
7	Magenta	0-255	0-100%
8	YELLOW	0-255	0-100%
9	CTO	0-255	0-100%
10	CRI	0-127	CRI Filter In
		128-255	CRI Filter Out
11	COLOR WHEEL	000 - 005	WHITE
		006 - 115	Color Wheel Indexing
		116 - 120	WHITE
		121 - 130	Color 1
		131 - 140	Color 2
		141 - 150	Color 3
		151 - 160	Color 4
		161 - 170	Color 5
		171 - 192	WHITE
		193 - 223	Counter-Clockwise Rotation, Fast to Slow
		224 - 224	STOP
		225 - 255	Clockwise Rotation, Slow to Fast
12	COLOR WHEEL FINE	0-255	0-100%
13	IRIS	000 - 225	Iris from large to small
		226 - 235	Iris slow open fast close from slow to fast
		236 - 245	Iris slow close fast open from slow to fast
		246 - 255	Iris slow close fast open from slow to fast
14	Iris Fine Adjustment	0-255	0-100%
15	Frost 1	0-127	Frost 1 Off
		128-255	Frost 1 On
16	Zoom	0-255	Wide to Narrow
17	Zoom Fine	0-255	0-100%
18	Focus	0-255	0-100%
19	Focus Fine	0-255	0-100%
20	Strobe	0-3	Open
		4-99	Synchronized Strobe
		100-149	Pulse Strobe
		150-199	Flash Strobe
		200-249	Random Strobe
		250-255	Open
21	Dimmer	0-255	0-100%
22	Dimmer Fine	0-255	0-100%
23	BLADE	0-255	0°-180°

24	BLADE DW 1	0-255	0%-100%
25	BLADE DW 2	0-255	0%-100%
26	BLADE UP 1	0-255	0%-100%
27	BLADE UP 2	0-255	0%-100%
28	BLADE LF 1	0-255	0%-100%
29	BLADE LF 2	0-255	0%-100%
30	BLADE RG 1	0-255	0%-100%
31	BLADE RG 2	0-255	0%-100%
32	Macro	000 - 005	No function
		006 - 010	Turn on display backlight
		011 - 015	Turn off display backlight
		016 - 020	Horizontal reverse open
		021 - 025	Horizontal reverse close
		026 - 030	Vertical reverse open
		031 - 035	Vertical reverse close
		036 - 040	Enable function-LED OFF while moving
		041 - 045	Disable function
		046 - 050	Enable function-When the equipment has no signal access the product's motor will be power-down protection.
		051 - 055	Disable function
		056 - 060	Cooling Mode: Full
		061 - 065	Cooling Mode: Auto
		066 - 070	Cooling Mode: Silent
		071 - 075	Dimmer Curve Linear
		076 - 080	Dimmer Curve Square Law
		081 - 085	Dimmer Curve Inv Square Law
		086 - 090	Dimmer Curve S
		091 - 095	900Hz
		096 - 100	1200Hz
		101 - 105	2500Hz
		106 - 110	3600Hz
		111 - 115	5000Hz
		116 - 120	10KHz
		121 - 125	15KHz
		126 - 130	20KHz
		131 - 135	25KHz
		136 - 140	No function
		141 - 145	
		146 - 150	Dimmer Speed Smooth
		151 - 155	Dimmer Speed Fast
		156 - 160	Reset Pan/Tilt
		161 - 165	Reset Effect
		166 - 170	Reset All
		171 - 255	No function

32F Channel Mode

CH	FUNCTION	VALUE	Description
1	PAN	0-255	0°→ 540°
2	PAN FINE	0-255	16 Bit Adjustable
3	TILT	0-255	0°→ 270°
4	TILT FINE	0-255	16 Bit Adjustable
5	PAN/TILT SPEED	0-255	Fast to Slow
6	CYAN	0-255	0-100%
7	Magenta	0-255	0-100%
8	YELLOW	0-255	0-100%
9	CTO	0-255	0-100%
10	CRI	0-127	CRI Filter In
		128-255	CRI Filter Out
11	COLOR WHEEL	000 - 005	WHITE
		006 - 115	Color Wheel Indexing
		116 - 120	WHITE
		121 - 130	Color 1
		131 - 140	Color 2
		141 - 150	Color 3
		151 - 160	Color 4
		161 - 170	Color 5
		171 - 192	WHITE
		193 - 223	Counter-Clockwise Rotation, Fast to Slow
		224 - 224	STOP
		225 - 255	Clockwise Rotation, Slow to Fast
12	COLOR WHEEL FINE	0-255	0-100%
13	Animation GOBO	0-7	WHITE
		8-20	Gobo 1
		21-33	Gobo 2
		34-46	Gobo 3
		47-59	Gobo 4
		60-72	Gobo 5
		73-85	Gobo 6
		86-98	Gobo 7
		99-111	Gobo 1 Shaking, Slow to Fast
		112-124	Gobo 2 Shaking, Slow to Fast
		125-137	Gobo 3 Shaking, Slow to Fast
		138-150	Gobo 4 Shaking, Slow to Fast
		151-163	Gobo 5 Shaking, Slow to Fast
		164-176	Gobo 6 Shaking, Slow to Fast
		177-189	Gobo 7 Shaking, Slow to Fast

		190-221	Counter-Clockwise Rotation, Fast to Slow
		222-223	Stop
		224-255	Clockwise Rotation, Slow to Fast
14	R-GOBO Animation GOBO	0-127	Index 0°- 360°
		128-189	Counter-Clockwise Rotation, Fast to Slow
		190-193	Stop
		194-255	Clockwise Rotation, Slow to Fast
15	R-GOBO Animation GOBO FINE	0-255	0-100%
16	Fixed GOBO	0-5	WHITE
		6-16	Gobo 1
		17-27	Gobo 2
		28-38	Gobo 3
		39-49	Gobo 4
		50-60	Gobo 5
		61-71	Gobo 6
		72-82	Gobo 7
		83-93	Gobo 8
		94-105	Gobo 1 Shaking, Slow to Fast
		106-117	Gobo 2 Shaking, Slow to Fast
		118-129	Gobo 3 Shaking, Slow to Fast
		130-141	Gobo 4 Shaking, Slow to Fast
		142-153	Gobo 5 Shaking, Slow to Fast
		154-165	Gobo 6 Shaking, Slow to Fast
		166-177	Gobo 7 Shaking, Slow to Fast
		178-189	Gobo 8 Shaking, Slow to Fast
		190-221	Counter-Clockwise Rotation, Fast to Slow
		222-223	Stop
		224-255	Clockwise Rotation, Slow to Fast
17	Effects GOBO	0-7	Open
		8-129	Counter-Clockwise Rotation, Fast to Slow
		130-133	Stop
		134-255	Clockwise Rotation, Slow to Fast
18	IRIS	000 - 225	Iris from large to small
		226 - 235	Iris slow open fast close from slow to fast
		236 - 245	Iris slow close fast open from slow to fast
		246 - 255	Iris slow close fast open from slow to fast
19	IRIS FINE	0-255	0-100%
20	PRISM 1	0-7	Prism 1 IN
		8-255	Prism 1 OUT
21	R-PRISM 1	0-127	Index 0°- 360°
		128-189	Counter-Clockwise Rotation, Fast to Slow
		190-193	Stop
		194-255	Clockwise Rotation, Slow to Fas

22	PRISM 2	0-7	Prism 2 In
		8-255	Prism 2 OUT
23	R-PRISM 2	0-127	Index 0°- 360°
		128-189	Counter-Clockwise Rotation, Fast to Slow
		190-193	Stop
		194-255	Clockwise Rotation, Slow to Fas
24	Frost 1	0-127	Frost 1 Off
		128-255	Frost 1 On
25	Zoom	0-255	Wide to Narrow
26	Zoom Fine	0-255	0-100%
27	Focus	0-255	0-100%
28	Focus Fine	0-255	0-100%
29	Strobe	0-3	Open
		4-99	Synchronized Strobe
		100-149	Pulse Strobe
		150-199	Flash Strobe
		200-249	Random Strobe
		250-255	Open
30	Dimmer	0-255	0-100%
31	Dimmer Fine	0-255	0-100%
32	Macro	000 - 005	No function
		006 - 010	Turn on display backlight
		011 - 015	Turn off display backlight
		016 - 020	Horizontal reverse open
		021 - 025	Horizontal reverse close
		026 - 030	Vertical reverse open
		031 - 035	Vertical reverse close
		036 - 040	Enable function-LED OFF while moving
		041 - 045	Disable function
		046 - 050	Enable function-When the equipment has no signal access the product's motor will be power-down protection.
		051 - 055	Disable function
		056 - 060	Cooling Mode: Full
		061 - 065	Cooling Mode: Auto
		066 - 070	Cooling Mode: Silent
		071 - 075	Dimmer Curve Linear
		076 - 080	Dimmer Curve Square Law
		081 - 085	Dimmer Curve Inv Square Law
		086 - 090	Dimmer Curve S
		091 - 095	900Hz
		096 - 100	1200Hz

		101 - 105	2500Hz
		106 - 110	3600Hz
		111 - 115	5000Hz
		116 - 120	10KHz
		121 - 125	15KHz
		126 - 130	20KHz
		131 - 135	25KHz
		136 - 140	No function
		141 - 145	
		146 - 150	Dimmer Speed Smooth
		151 - 155	Dimmer Speed Fast
		156 - 160	Reset Pan/Tilt
		161 - 165	Reset Effect
		166 - 170	Reset All
		171 - 255	No function

42 Channel Mode

CH	FUNCTION	VALUE	Description
1	PAN	0-255	0°→ 540°
2	PAN FINE	0-255	16 Bit Adjustable
3	TILT	0-255	0°→ 270°
4	TILT FINE	0-255	16 Bit Adjustable
5	PAN/TILT SPEED	0-255	Fast to Slow
6	CYAN	0-255	0-100%
7	Magenta	0-255	0-100%
8	YELLOW	0-255	0-100%
9	CTO	0-255	0-100%
10	CRI	0-127	CRI Filter In
		128-255	CRI Filter Out
11	COLOR WHEEL	000 - 005	WHITE
		006 - 115	Color Wheel Indexing
		116 - 120	WHITE
		121 - 130	Color 1
		131 - 140	Color 2
		141 - 150	Color 3
		151 - 160	Color 4
		161 - 170	Color 5
		171 - 192	WHITE
		193 - 223	Counter-Clockwise Rotation, Fast to Slow
		224 - 224	STOP
		225 - 255	Clockwise Rotation, Slow to Fast

12	COLOR WHEEL FINE	0-255	0-100%
13	Animation GOBO	0-7	White color
		8-20	Gobo 1
		21-33	Gobo 2
		34-46	Gobo 3
		47-59	Gobo 4
		60-72	Gobo 5
		73-85	Gobo 6
		86-98	Gobo 7
		99-111	Gobo 1 Shaking, Slow to Fast
		112-124	Gobo 2 Shaking, Slow to Fast
		125-137	Gobo 3 Shaking, Slow to Fast
		138-150	Gobo 4 Shaking, Slow to Fast
		151-163	Gobo 5 Shaking, Slow to Fast
		164-176	Gobo 6 Shaking, Slow to Fast
		177-189	Gobo 7 Shaking, Slow to Fast
		190-221	Counter-Clockwise Rotation, Fast to Slow
		222-223	Stop
		224-255	Clockwise Rotation, Slow to Fast
14	R-GOBO Animation GOBO	0-127	Index 0°- 360°
		128-189	Counter-Clockwise Rotation, Fast to Slow
		190-193	Stop
		194-255	Clockwise Rotation, Slow to Fast
15	R-GOBO Animation GOBO FINE	0-255	0-100%
16	Fixed GOBO	0-5	White color
		6-16	Gobo 1
		17-27	Gobo 2
		28-38	Gobo 3
		39-49	Gobo 4
		50-60	Gobo 5
		61-71	Gobo 6
		72-82	Gobo 7
		83-93	Gobo 8
		94-105	Gobo 1 Shaking, Slow to Fast
		106-117	Gobo 2 Shaking, Slow to Fast
		118-129	Gobo 3 Shaking, Slow to Fast
		130-141	Gobo 4 Shaking, Slow to Fast
		142-153	Gobo 5 Shaking, Slow to Fast
		154-165	Gobo 6 Shaking, Slow to Fast
		166-177	Gobo 7 Shaking, Slow to Fast
		178-189	Gobo 8 Shaking, Slow to Fast

		190-221	Counter-Clockwise Rotation, Fast to Slow
		222-223	Stop
		224-255	Clockwise Rotation, Slow to Fast
17	Effects GOBO	0-7	Effects Gobo Out
		7-63	Fixed Angle
		64-126	Counter-Clockwise Rotation, Fast to Slow
		127-128	Stop
		129-191	Clockwise Rotation, Slow to Fast
		192-255	Gobo Shaking, Slow to Fast
18	IRIS	000 - 225	Iris from large to small
		226 - 235	Iris slow open fast close from slow to fast
		236 - 245	Iris slow close fast open from slow to fast
		246 - 255	Iris slow close fast open from slow to fast
19	IRIS FINE	0-255	0-100%
20	PRISM 1	0-7	Prism 1 IN
		8-255	Prism 1 OUT
21	R-PRISM 1	0-127	Index 0°- 360°
		128-189	Counter-Clockwise Rotation, Fast to Slow
		190-193	Stop
		194-255	Clockwise Rotation, Slow to Fas
22	PRISM 2	0-7	Prism 2 In
		8-255	Prism 2 OUT
23	R-PRISM 2	0-127	Index 0°- 360°
		128-189	Counter-Clockwise Rotation, Fast to Slow
		190-193	Stop
		194-255	Clockwise Rotation, Slow to Fas
24	Frost 1	0-127	Frost 1 Off
		128-255	Frost 1 On
25	Zoom	0-255	Wide to Narrow
26	Zoom Fine	0-255	0-100%
27	Focus	0-255	0-100%
28	Focus Fine	0-255	0-100%
29	Strobe	0-3	Open
		4-99	Synchronized Strobe
		100-149	Pulse Strobe
		150-199	Flash Strobe
		200-249	Random Strobe
		250-255	Open
30	Dimmer	0-255	0-100%
31	Dimmer Fine	0-255	0-100%
32	BLADE	0-255	0°-180°
33	BLADE FINE	0-256	0-100%

34	BLADE DW 1	0-255	0%-100%
35	BLADE DW 2	0-255	0%-100%
36	BLADE UP 1	0-255	0%-100%
37	BLADE UP 2	0-255	0%-100%
38	BLADE LF 1	0-255	0%-100%
39	BLADE LF 2	0-255	0%-100%
40	BLADE RG 1	0-255	0%-100%
41	BLADE RG 2	0-255	0%-100%
42	Macro	000 - 005	No function
		006 - 010	Turn on display backlight
		011 - 015	Turn off display backlight
		016 - 020	Horizontal reverse open
		021 - 025	Horizontal reverse close
		026 - 030	Vertical reverse open
		031 - 035	Vertical reverse close
		036 - 040	Enable function-LED OFF while moving
		041 - 045	Disable function
		046 - 050	Enable function-When the equipment has no signal access the product's motor will be power-down protection.
		051 - 055	Disable function
		056 - 060	Cooling Mode: Full
		061 - 065	Cooling Mode: Auto
		066 - 070	Cooling Mode: Silent
		071 - 075	Dimmer Curve Linear
		076 - 080	Dimmer Curve Square Law
		081 - 085	Dimmer Curve Inv Square Law
		086 - 090	Dimmer Curve S
		091 - 095	900Hz
		096 - 100	1200Hz
		101 - 105	2500Hz
		106 - 110	3600Hz
		111 - 115	5000Hz
		116 - 120	10KHz
		121 - 125	15KHz
		126 - 130	20KHz
		131 - 135	25KHz
		136 - 140	No function
		141 - 145	
		146 - 150	Dimmer Speed Smooth
		151 - 155	Dimmer Speed Fast
		156 - 160	Reset Pan/Tilt
		161 - 165	Reset Effect
		166 - 170	Reset All
		171 - 255	No function