

FORIS BEAM 300

MANUAL



POWERFUL LIGHTWEIGHT
IP65 BEAM MOVING HEAD



ANIMATION AND
MULTI-COLOR EFFECTS



DUAL PRISM
AND FROST

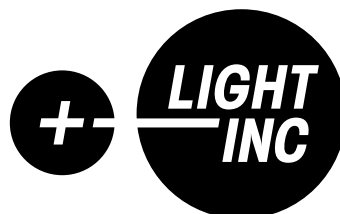


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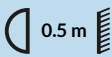



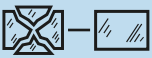

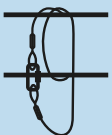


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All specifications are subject to change without notice.

THANK YOU FOR PURCHASING OUR PRODUCTS

Every unit has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the outer and inner packaging for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for any damage and be sure all accessories necessary to operate the unit have arrived intact. In case damage has been found or parts are missing, please contact the distributor or your dealer for further instructions. Do not return this unit to your dealer without first contacting them.

1. SAFETY INFORMATION

	Before operating this unit, please carefully read this manual and keep for usage in the future. It is necessary to respect the following rules.
	Disposal of the device after its life cycle can damage the environment. Take it to a recycling company or return it to the authorised dealer.
	The products referred to in this manual conform to the guidelines of the European Community and are therefore marked with the CE logo.
	Keep this device away from children and unauthorised users. The dealer is not liable for damage as a result of ignoring the information in this manual and incorrect operation.
	Before operating this unit, please make sure the housing is in good condition and ensure pan and tilt can rotate in full range.
	Ensure that a minimum distance of 0.5 m is maintained between the fixture and any flammable material
	The device can only function with 100-240v voltage, 50 / 60Hz power. Do not connect to any other power supply. Disconnect the device from the power supply before opening it or before maintenance.
IP65	For outdoor events.
	Never look directly into the projecting lens when the fixture is switched on. The light can cause epileptic seizures in light-sensitive people or people with epilepsy. Extreme caution and compliance with these safety instructions are required, especially with beam effects.
	Do not place or install the device on a surface that is exposed to vibration or any movement.
-15°C +45°C	The device should operate in temperature range -15 °C and + 45 °C. Do not use the device if the temperature exceeds this range.
	The lens shield must be replaced if it is broken. Never use the device if the shield is not fully closed.
	Safety I class device must be earthed.
	When the fixture is mounted overhead, the safety rope must be attached to the correct mounting location on the bottom of the device.
	Please note that damage caused by manual changes to the device is not covered by the warranty.
	If possible, recycle all packaging material.

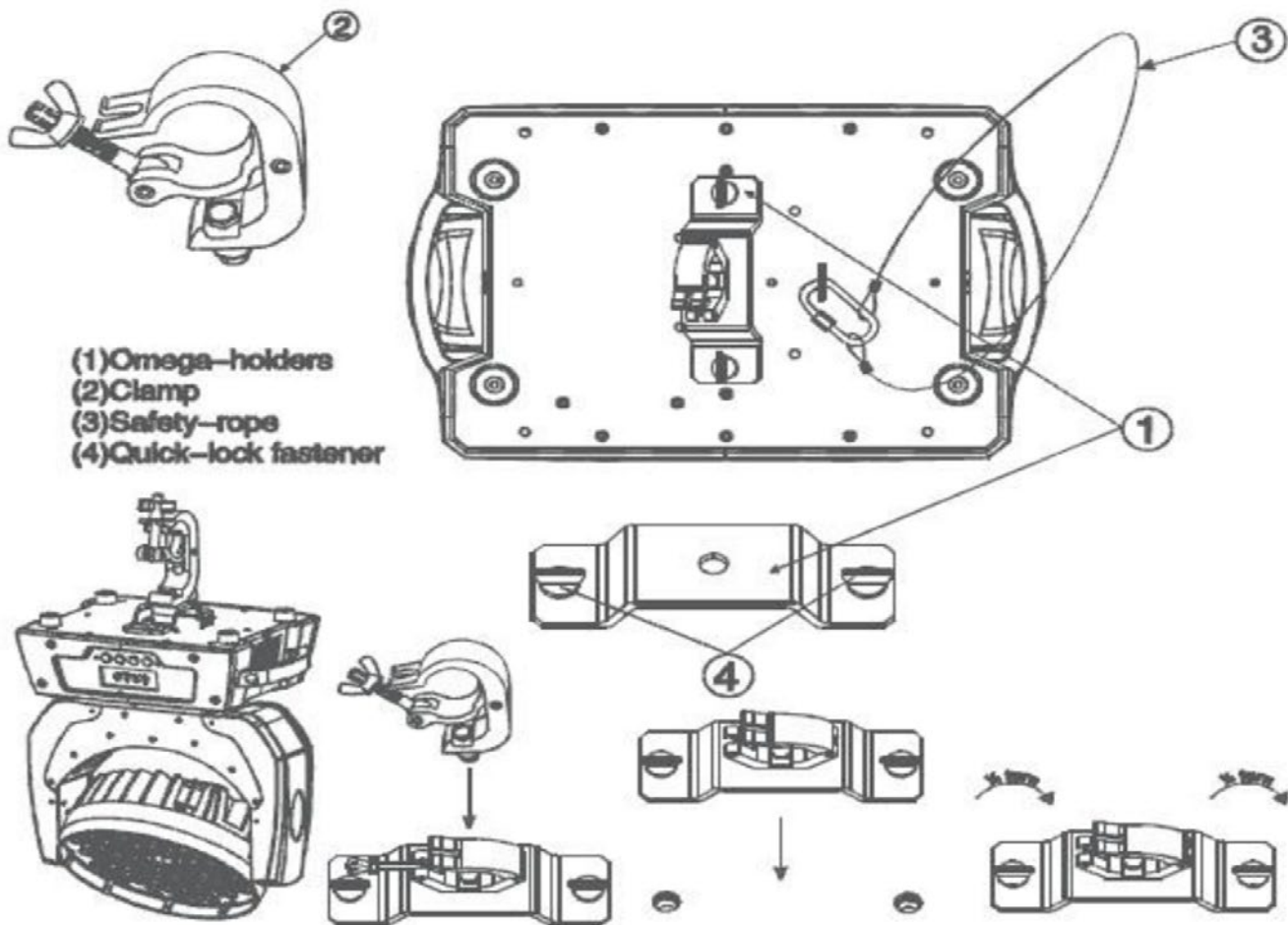
2. INSTALLATION

Please keep the equipment away from flammable objects. Maintain a minimum distance of 0.5 meters from any flammable surfaces.

Warning: Use two clamps to secure the equipment to the bottom of the lamp base as instructed. Ensure that the installation location is safe, suitable, and reliable.

The installation point must be able to support at least 10 times the weight of the fixture. Test the mounting surface carefully to confirm that it is stable and free from deformation.

A secondary safety protection, such as a proper safety cable always be installed. This serves to prevent the fixture or its components from falling or becoming detached.



Main machine connection

Please check the supported power equipment.

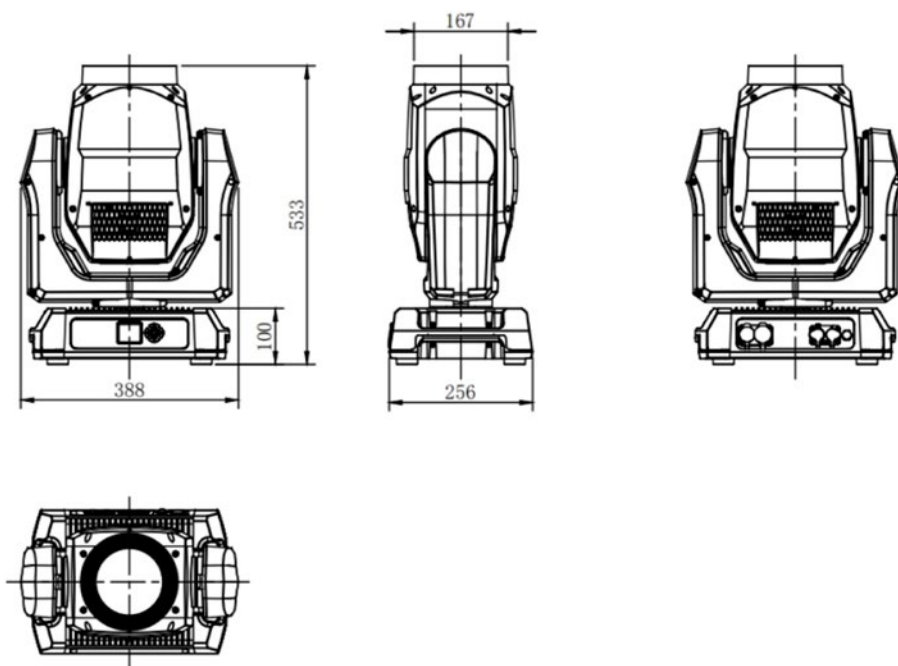
Please put the plug of power source wire connect with the main power source .

Wire (EU)	Wire (Amerca)	Direction of wire	General marks
Brown	Black	Live	L
Light blue	White	Neutral	N
Yellow / Green	Green	Earth	⊕

3. SPECIFICATIONS

Input:	AC100v-240V 50/60HZ	Dimmer:	0-100% linear dimmer
Power Consumption:	350W	Strobe:	1-20Hz fast strobe per second, with pulse strobe, synchronous and asynchronous strobe effects
Light source:	300W Lamp	Pan movement:	540° 16bit
Life time:	6000Hrs	Tilt movement:	270° 16bit
CTC:	8000K	Display:	LCD display with 5 buttons
Beam angle:	1.7°	Cooling fan:	Automatic
Operating ambient temperature:	-15 °C to 40 °C	Body:	Die cast-Aluminum+Plastic
Control mode:	DMX512, Master-slave,Auto	IP rate:	IP65, waterproof
Channel:	16ch	Signal Data:	5pin XLR in/out (optional 3pin XLR in/out)
Colors wheel:	14 colors+white, with half color, flow effect.	Power connector:	TRUE1 Powercon in/out
Colorful wheel:	One multicolor wheel	Product size:	388 x 256 x 533 mm
Frost:	One Frost wheel	Net weight:	16.5kg
Static gobos wheel :	14gobos + white, shaking and bidirectional rotation.		
Prism:	Two prism wheel, prism wheel independently bi-rotate, can be used together		

Dimensions



4. OPERATION MENU

Menu	Function	Value	
ADDR	Channel	001-512	
	Prev	Previous device	
	Next	Next device	
Mode	DMX_Ctrl		
	Auto_Run		
	Scene_mode	01-10, Auto	
	Lamp_Ctrl	On / Off	
	M/S Choose	Auto / Master / Slave	
	Exit		
Display	Language	English / 中文	
	Screen_Rot	Auto / Close / Open	
	Screen_Saver	On / Off	
	DMX_Indicate	Mode 1-2	1.. DMX input led is ON 2.. No DMX input led is ON
	Screen_Light	01-10	Screen Brightness
	Exit		
Scene	Control Mode	On / Off	
	Scene Select	01-10	
	Scene Timer	XX : XS	
	1.Color	000-255	
	2. Strobe	000-255	
	3. Dimmer	000-255	
	4. Gobo	000-255	
	5. Prism	000-255	
	6. Prism.Ro	000-255	
	7.Screen Save	000-255	
	7. Frost	000-255	
	8. Focus	000-255	
	9. Pan	000-255	
	10. Pan fine	000-255	
	11. Tilt	000-255	
	12. Tilt fine	000-255	
	13. XY speed	000-255	
14. Reset	000-255		
15. Lamp	000-255		
Exit			
Setup	Pan Invert	On / Off	
	Tilt Invert	On / Off	
	Lamp On ST	On / Off	Lamp On at startup
	P/T Rectify	On / Off	P/T encoder s On / vOff
	Data Hold	On / Off	If no DMX
	CH mode	16CH	
	Pan Offset	128	
	Tilt Offset	128	

Menu	Function	Value
Setup	Scene Timer	001
	Reset	On / Off
	Factor Setting	On / Off
	Advance	Password: 1324
	Exit	
State	Channl_info	
	Light_time	xxxx:xx
	Error_logging	
	Version	
	Fixture_Status	
	Exit	

5. DMX PROTOCOL

16 CH	Function	DMX Value	Description
1	Color Wheel	0-4	White
		5-8	White + Red
		9-12	Red
		13-17	Red + Orange
		18-21	Orange
		22-25	Orange + Aquamarine
		26-29	Aquamarine
		30-34	Aquamarine + Dark Green
		35-38	Dark Green
		39-42	Dark Green + Green
		43-46	Green
		47-51	Green + Lavender
		52-55	Lavender
		56-59	Lavender + Pink
		60-63	Pink
		64-68	Pink + Yellow
		69-72	Yellow
		73-76	Yellow + Magenta
		77-81	Magenta
		82-85	Magenta + Blue
		86-89	Blue
		90-93	Blue + CTO260
		94-98	CTO260 / CTO2
		99-102	CTO260 + CTO190
103-106	CTO190 / CTO1		
107-110	CTO190 + CTB8000		
111-115	CTB8000		

5. DMX PROTOCOL

16 CH	Function	DMX Value	Description
1	Color Wheel	116-119	CTB8000 + Dark Blue
		120-123	Dark Blue
		124-127	Dark Blue + White
		128-191	CCW Fast - Slow Rotation
		192-255	CW Slow - Fast Rotation
2	Strobe	0-3	Close
		4-103	Slow-Fast strobe
		104-107	Open
		108-157	Slow-Fast fast off slow open
		158-207	Slow-Fast fast open slow off
		208-212	Open
		213-251	Random Slow-Fast Strobe
252-255	Open		
3	Dimmer	0-255	0-100% dimmer
4	Gobo Wheel	0-3	White
		4-7	Gobo1
		8-11	Gobo2
		12-15	Gobo3
		26-19	Gobo4
		20-23	Gobo5
		24-27	Gobo6
		28-31	Gobo7
		32-35	Gobo8
		36-39	Gobo9
		40-43	Gobo10
		44-47	Gobo11
		48-51	Gobo12
		52-55	Gobo13
		56-59	Gobo14
		60-69	Gobo1 Shake Slow-Fast Speed
		70-79	Gobo2 Shake Slow-Fast Speed
		80-89	Gobo3 Shake Slow-Fast Speed
		90-99	Gobo4 Shake Slow-Fast Speed
		100-109	Gobo5 Shake Slow-Fast Speed
		110-119	Gobo6 Shake Slow-Fast Speed
		120-129	Gobo7 Shake Slow-Fast Speed
		130-139	Gobo8 Shake Slow-Fast Speed
		140-149	Gobo9 Shake Slow-Fast Speed
		150-159	Gobo10 Shake Slow-Fast Speed
		160-169	Gobo11 Shake Slow-Fast Speed
		170-179	Gobo12 Shake Slow-Fast Speed
180-189	Gobo13 Shake Slow-Fast Speed		
190-199	Gobo14 Shake Slow-Fast Speed		
200-225	Fast-Slow Rotation		

16 CH	Function	DMX Value	Description
4	Gobo Wheel	226-229	Stop
		230-255	Slow-Fast Rotation
5	Prism	0-63	Unused Range
		64-127	Prism1
		128-191	Prism2
		192-255	Prism1+Prism2
6	Rotation	0	Unused Range
		1-63	Angle linear adjustment
		64-127	CCW Fast-Slow (Prism 2)
		128-191	CW Slow-Fast (Prism 2)
		192-207	Slow-Fast Rotation 90 degree
		208-223	Slow-Fast Rotation 180 degree
		224-239	Slow-Fast Rotation 270 degree
		240-255	Slow-Fast Rotation 360 degree
7	Prism Macro	0-15	Unused Range
		16-55	Fast-Slow, From fast to slow, 8 prism free Switch
		56-95	Fast-Slow, From fast to slow, 24 prism free Switch
		96-135	Fast-Slow, From fast to slow, 8prism + 24 prism at same time free switch
		136-175	Fast-Slow, 8 prism + 24 prism to free switch from fast to slow
		176-215	Fast-Slow, 24 prism + 8 prism to free switch from fast to slow
		216-255	Fast-Slow, from fast to slow, 8 prism and 24 prism interlock switch
8	Colorful wheel/ Frost	0-63	No Function
		64-127	Frost
		128-255	Colorful wheel
9	Focus	0-255	0-100%
10	Pan	0-255	Pan Movement 0-540°
11	Pan fine	0-255	Pan fine
12	Tilt	0-255	Tilt Movement 0-270°
13	Tilt fine	0-255	Tilt Fine
14	Pan, Tilt Speed	0-255	Pan, Tilt movement speed from fast to slow
15	Reset	0-128	No function
		129-255	Reset
16	Lamp	0-24	No function
		25-99	Lamp off
		100-255	Lamp on

A series of horizontal dotted lines for writing.

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