

SUPER BEAM 300



USER MANUAL

**KEEP THIS USER MANUAL FOR FUTURE
NEEDS**

Chapter 1 Installation and attention

1. Maintenance

- To reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.
- Intermittently using will extend this item's service life.
- Please clear the fan ,fan net , and optical lens in order to keep good work state.
- Do not use the alcohol or any other organic solvent to wipe the shell.

2. Statement

The product has perfect performance and integrity packing. All users should be strictly complying with the warning and operating instructions as stated. Or we aren't in charge of any result by misusing. Any damage resulting by misuse is not within the Company's warranty. Any fault or problem caused by neglecting the manual is also not in the charge of dealers.

Note: All information is subject to change without prior notice.

3. Safety Precaution

- In order to guarantee the product's life, please don't put it in the damp places or even the environment over 60degrees.
- Always mount this unit in safe and stable matter.
- Install or dismantle should operate by professional engineer.
- Using lamp, the change rate of power voltage should be within $\pm 10\%$, If the voltage is too high, it will shorten the light's life; If it's not enough, will influence the effect.
- Please restart it 20 minutes later after turning off light , until full-cooling. Frequent switching will reduce the life span of lamps and bulbs; intermittent using will improve the life of bulbs and lamps.
- In order to make sure the product is used well, please read the Manual carefully.

4. Product Instruction

POWER SUPPLY

Input Voltage: AC90-240V 50/60HZ

Power consumption: 350W

OPTICS

Philips Arc-lamp power: 300W

Lifespan: 3,000Hrs, 270 days warranty

EFFECTS SECTION

Dimming: 0-100% linear adjustment

Strobe: heat-proof plastic+module pressing alloy materials

Electronic Focus, Frost filter

Prism: Rotating 8+8honeycomb prisms,8-facet prism+16-facet prism,48 honeycomb prisms, 16-row prisms, 8 prisms, 24 prisms

Beam angle:0-3.8 degree

Gobos: 1 gobos wheel with 13 fixed gobos+open

Colors: 1 color wheel with 14 fixed colors+open

With 1 multi-color wheel

CONTROL AND PROGRAMMING

Control Protocol: DMX512,automatic, master/slave mode, Sound active,RDM

Channel: 17CH

Display: LCD display

MOVING BODY

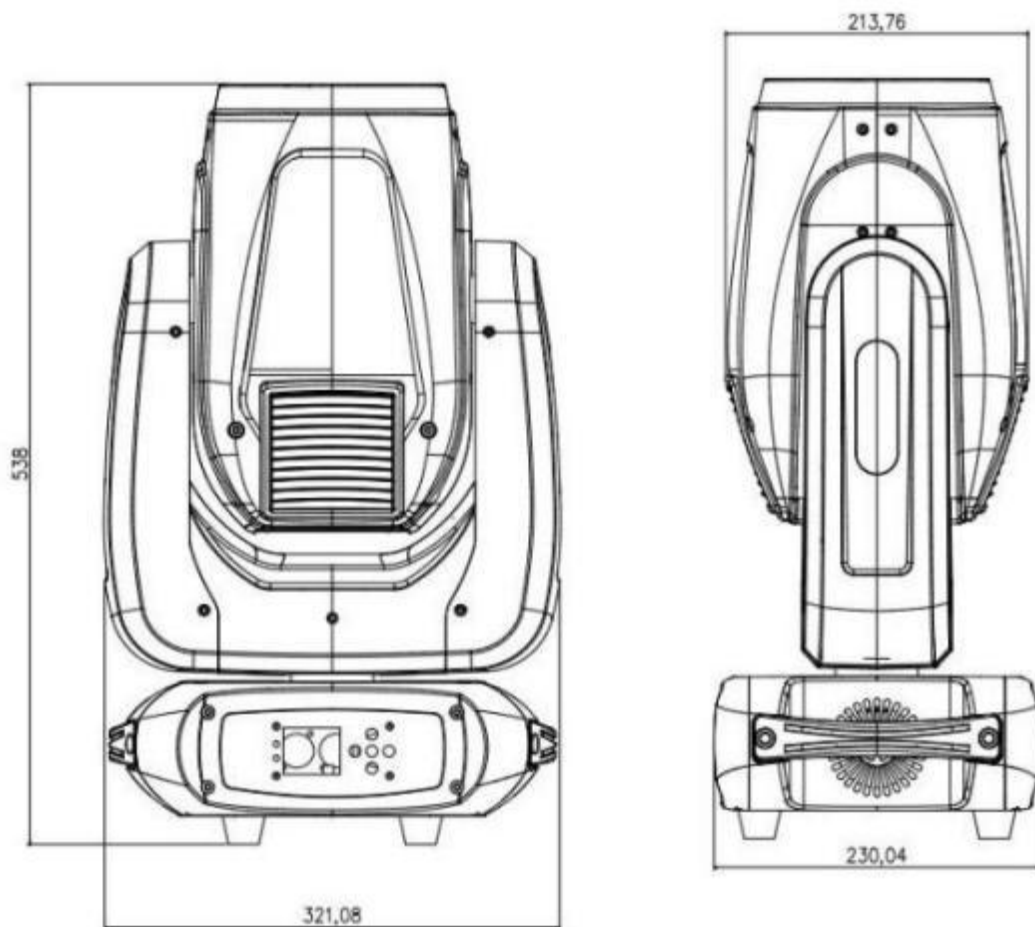
Pan:540° Tilt:270° Pan/Tilt Resolution: 16bit

Full Fireproof ABS material

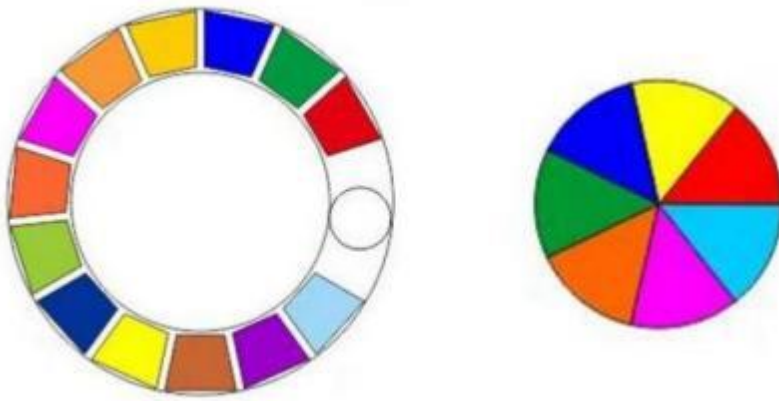
Net Weight: 15.5KG

Size: 321mm*236mm*538mm(L*W*H)

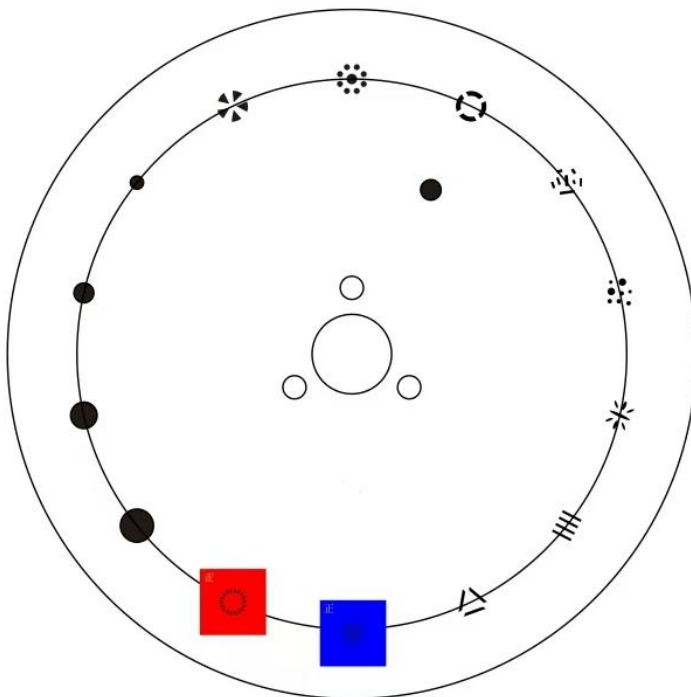
FIXTURE SIZE



COLOR WHEEL



GOBO WHEEL



Chapter 3 Channel description

Channel

Light DMX mode: 16Ch :

CHANNEL LIST

CH	FUNCTION	VALUE	DESCRIPTION
CH1	PAN	0-255	0-540 Degree
CH2	TILT	0-255	0-270 Degree
CH3	PAN FINE	0-255	0-2 Degree
CH4	TILT FINE	0-255	0-1 Degree
CH5	PAN/TILT SPEED	0-255	From fast to slow
CH6	FROST	0-127	No function
		128-255	Frost
CH7	STROBE	0-3	Close
		4-103	From slow to fast pulse strobe
		104-107	Open
		108-207	From slow to fast changing strobe
		208-212	Open
		213-251	From slow to fast random strobe
		252-255	Open
CH8	DIMMER	0-255	0-100% Dimmer
CH9	COLOR	0-6	White
		7-11	White + Color 1
		12-16	Color 1
		17-21	Color 1 + Color 2
		22-26	Color 2
		27-31	Color 2 + Color 3
		32-36	Color 3
		37-41	Color 3 + Color 4
		42-46	Color 4
		47-51	Color 4 + Color 5
		52-56	Color 5
		57-61	Color 5 + Color 6
		62-66	Color 6
		67-71	Color 6 + Color 7
		72-75	Color 7
		76-79	Color 7 + Color 8
		80-87	Color 8

		88-91	Color 8 + Color 9
		92-95	Color 9

CH10	GOBO	96-99	Color 9 + Color 10
		100-103	Color 10
		104-107	Color 10 + Color 11
		108-111	Color 11
		112-115	Color 11 + Color 12
		116-119	Color 12
		120-123	Color 12 + Color 13
		124-127	Color 13
		128-149	Color 13 + White
		150-203	Fast to slow forward rainbow
		204-255	Slow to fast reverse rainbow
		0-4	White
		5-9	Gobo 1
		10-14	Gobo2
		15-19	Gobo3
		20-24	Gobo4
		25-29	Gobo5
		30-34	Gobo6
		35-39	Gobo7
		40-44	Gobo8
		45-49	Gobo9
		50-54	Gobo10
		55-59	Gobo11
		60-64	Gobo12
		65-69	Gobo13
		70-125	Fast to slow forward rainbow
		126-130	Stop
		131-190	Slow to fast reverse rainbow
		191-195	Slow to fast gobo shaking 1
		196-200	Slow to fast gobo shaking 2
		201-205	Slow to fast gobo shaking 3
		206-210	Slow to fast gobo shaking 4
		211-215	Slow to fast gobo shaking 5
		216-220	Slow to fast gobo shaking 6
		221-225	Slow to fast gobo shaking 7
		226-230	Slow to fast gobo shaking 8
		231-235	Slow to fast gobo shaking 9
		236-240	Slow to fast gobo shaking 10
		241-245	Slow to fast gobo shaking 11
		246-250	Slow to fast gobo shaking 12
		251-255	Slow to fast gobo shaking 13
CH11 PRISMS1		0-63	Close
		64-127	The first prism of prism 1 cuts in
		128-191	The first prism of prism 2 cuts in
		192-255	The first prism of prism 3 cuts in

CH12 PRISMS 1 ROTATION		0-127	0-400 degrees
		128-189	Rotating in the forward direction from fast to slow
		190-193	Stop
		194-255	Rotate in reverse from fast to slow
CH13	PRISMS 2	0-127	Close
		128-255	Prisms 2
CH14	PRISMS 2 ROTATION	0-127	0-400 degrees
		128-189	Rotating in the forward direction from fast to slow
		190-193	Stop
		194-255	Rotate in reverse from fast to slow
CH15	MULTI-COLOR WHEEL	0-127	No function
		128-255	Multi-color wheel insert
CH16	FOCUS	0-255	From far to near
CH17	RESET	100-105	3 Seconds to lamp off
		200-205	3 Seconds to lamp on
		210-215	3 Seconds to reset Pan/Tilt
		220-235	3 Seconds to reset effect motors
		240-255	3 Seconds to reset all

REMARK

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