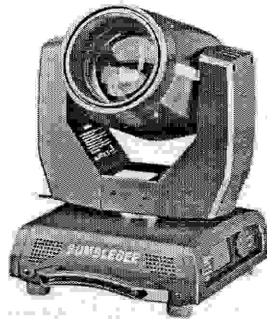


# BEAM 230 MOVING HEAD LIGHT

## USER MANUAL



Ultra Light(17.5KG)

Ultra High Colour Temperature(8500K)

# Safety Precaution

1. In order to guarantee the product's life, please don't put it in the damp places or even the environment over 60degrees.
  2. Always mount this unit in safe and stable matter.
  3. Install or dismantle should operate by professional engineer
  4. 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
  5. 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.
5. In order to make sure the product is used well, please read the Manual carefully.

# Product Instrustion

- Lamp: OSRAM (life:2000 hours Color temperature:8500K)
- Channel mode:16 DMX512 Channel
- Pan scan: 540° (16bit) Electric correction
- Tilt scan: 250° (16bit) Electric correction
- Color wheel: one color wheel, 14 kinds of color chips in one color wheel
- Gobo: 17 gobos
- Effect Wheel:Rotatable eight prism,effect move , frost
- 0-100% mechanical dimming, mechanical dimming and free dimming available.
- strobe macro control available.
- Lens optical system achanical fouce .beam angle 0~4°
- Over heat protection
- Power: 110-240V, 50/60Hz
- Comsued power: 350W
- IP level :IP20
- Magnetic ballast and AC/Dc power supply
- Net weightness: 17.5KG

Accept DMX512 control channel,detail as follow:

channel	DXM-value	Feature
<b>1 PAN</b>	0~255	0~540°
<b>2 TILT</b>	0~255	0~270°
<b>3 PAN FINE</b>	0~255	0~255
<b>4 TILT FINE</b>	0~255	0~255
<b>5 X-Y SPEED</b>	0~255	0~255
<b>6 FROST</b>	0-128	Frost excluded
	70-079	Frost inserted
<b>7 Stop/strobe</b>	000-003	closed
	004	Slow strobe(1 flash/sec)
	103	Fast strobe(12 flash/sec)
	104-107	open
	108	Slow pulsation
	108-207	Fast pulsation
	208-212	open
	213-225	Random slow strobe
	226-238	Random medium strobe
	239-251	Random medium strobe
	252-255	open
<b>8 Dimmer</b>	0-255	0-255
<b>9 Color wheel</b>	000-005	White+red
	005-009	red
	013-018	orange
	022-026	aquamarine
	030-035	green
	039-043	Light green
	047-052	Lavender
	056-060	Pink
	064-069	Yellow
	073-077	Meganta
	082-086	Cyan
	090-094	Cto260
	099-103	Cto190

	107-111	Ctb8000
<b>0 Color speed</b>	0-255	0-255
<b>11 Static gobo change</b>	000-003	White
	003-071	Gobo1-gobo17
	071-072	Fast rotation
	072-113	Slow rotation
	114-117	Stop
	118	Slow rotation
	159	Fast rotation
	160-166	Gogo2shake,slow-fast speed
	167-172	Gogo3 shake,slow-fast speed
	173-179	Gogo4 shake,slow-fast speed
	180-185	Gogo5 shake,slow-fast speed
	186-191	Gogo6 shake,slow-fast speed
	192-198	Gogo7 shake,slow-fast speed
	199-204	Gog8 shake,slow-fast speed
	205-211	Gogo9 shake,slow-fast speed
	212-217	Gogo10 shake,slow-fast speed
218-223	Gogo11 shake,slow-fast speed	
224-230	Gogo12 shake,slow-fast speed	
231-236	Gogo13 shake,slow-fast speed	
237-243	Gogo14 shake,slow-fast speed	
244-249	Gogo15 shake,slow-fast speed	
250-255	Gogo16 shake,slow-fast speed	
<b>12 gobo speed</b>	0-255	0-255
<b>13 Focus</b>	0-255	0-255
<b>14 Prism insertion</b>	000-127	Prism excluded
	128-255	Prism inserted
<b>15 Prism rotation</b>	0	Position 0°
	21	Position 90°
	42	Position 180°
<b>16Lamp control</b>	0-99	
	100-105	Lamp off
	200-205	Lamp on
	206~255	rest

# TABLE OF CONTENTS

Maintenance.....	1
Statement.....	2
Attention Item.....	3
Product introduction.....	4
Control Channel.....	5
Control Board.....	6

## Maintenance

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

## Statement

The product has perfect performance and integrity packing. All users should be strictly comply 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.